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MDGx MAX Speed WinDOWs ©Tricks ▯ Secrets ▯ Bugs ▯ Fixes
<http://www.mdgx.com/>

Windows 10/2016/2019/11/2022 Tweaks, Fixes, Guides, Downloads + Links

These topics refer to all English retail/final/gamma/Gold/RTM/OEM releases, versions, editions + builds [including previews, Service Packs (SPs), updates + patches] 32-bit (x86) + 64-bit (x64) of these Microsoft Windows operating systems (OSes)

- 10
http://en.wikipedia.org/wiki/Windows_10
http://en.wikipedia.org/wiki/Windows_10_editions
http://en.wikipedia.org/wiki/Windows_10_version_history

- 11
http://en.wikipedia.org/wiki/Windows_11
http://en.wikipedia.org/wiki/Windows_11_version_history

- Server 2016
http://en.wikipedia.org/wiki/Windows_Server_2016

- Server 2019
http://en.wikipedia.org/wiki/Windows_Server_2019

- Server 2022
http://en.wikipedia.org/wiki/Windows_Server_2022

unless specified otherwise:

<http://www.mdgx.com/10.php>

Also available as plain text/ASCII file (this file):

<http://www.mdgx.com/WIN10.TXT>

Also available as PDF (Portable Document Format) document:

<http://www.mdgx.com/WIN10.pdf>

Translate this file into your language: top right side -> click/touch down arrow to expand drop down menu -> select desired language:

<http://translate.google.com/?sl=en&tl=en&text=http%3A%2F%2Fwww.mdgx.com%2FWIN10.TXT>

TIP:

Some of these topics (clearly marked) apply also to Windows 7, 2008 R2, 8, 2012, 8.1, 2012 R2.

BONUS:

More Windows 10/11 (clearly marked) tweaks, hacks, fixes, guides, links + tools (all included):

- MDGx "Win10 Block Tools (10_BLOCK)" in 10_BLOCK.TXT:

<http://www.mdgx.com/xptoy.htm#10BLK>

http://www.mdgx.com/10BLK/10_BLOCK.php

http://www.mdgx.com/10BLK/10_BLOCK.TXT

- MDGx "Windows 8/8.1 Tweaks, Fixes, Guides, Downloads + Links" in WINDOWS8.TXT:

<http://www.mdgx.com/8.php>

<http://www.mdgx.com/WINDOWS8.TXT>

- MDGx "Windows 7/7 SP1 Tweaks, Fixes, Guides, Downloads + Links" in WINDOWS7.TXT:

<http://www.mdgx.com/7.php>

<http://www.mdgx.com/WINDOWS7.TXT>

- MDGx "List of Useful Windows NTx Tools [free(ware)]" in TOOLS.TXT:

<http://www.mdgx.com/tools.php>

<http://www.mdgx.com/TOOLS.TXT>

FYI:

Windows NTx (based on Windows NT) = Windows

NT4/2000/XP/2003/Vista/2008/7/8/8.1/2012/10/2016/2019/11/2022/newer

http://en.wikipedia.org/wiki/Windows_NT

Windows 9x (based on Windows 95) = Windows 95/95 OSR1/95 OSR2.x/98/98 SP1/98

<http://www.info-zip.org/WiZ.html#Win16>
- DOS/MS-DOS/FreeDOS/DR-DOS/OpenDOS users: DOS ZIP/unZIP 16-bit tools:
<http://www.mdgx.com/dos.htm#ZIP>
* STAY SAFE -> Scan for viruses *all* files downloaded from the Internet:
<http://www.mdgx.com/vir.htm>
and *beware* of false positives (included):
<http://www.mdgx.com/fp.php>
<http://www.mdgx.com/FALSPOSI.TXT>
* Target Operating System(s)/software/hardware REQUIRED for installing
upgrades/patches/fixes/drivers!
* Installing Windows OS components/upgrades/patches/fixes/drivers/tools may
require you to be logged on with Administrative/Power User/Sysadmin
privileges.
* Windows Vista/newer users: right-click each file and select "Run as
Administrator" (temporary fix) or disable User Account Control (UAC)
(permanent fix) in:
- Windows 10/2016/2019/11/2022:
[http://www.tenforums.com/tutorials/3577-user-account-control-uac-change-
settings-windows-10-a.html](http://www.tenforums.com/tutorials/3577-user-account-control-uac-change-settings-windows-10-a.html)
- Windows 8/2012/8.1/2012 R2:
[http://www.eightforums.com/tutorials/5509-user-account-control-uac-change-
settings-windows-8-a.html](http://www.eightforums.com/tutorials/5509-user-account-control-uac-change-settings-windows-8-a.html)
- Windows 7/2008 R2:
<http://www.petri.com/disable-uac-in-windows-7/>
- Windows Vista/2008:
http://www.petri.com/disable_uac_in_windows_vista/
User Account Control (UAC) tweaking tools [free(ware)]:
- UAC Pass:
<http://sites.google.com/site/freeavvarea/uac-pass/uac-pass/>
- TweakUAC:
<http://www.winability.com/tweak-uac/>
- Disable UAC:
http://www.majorgeeks.com/files/details/disable_uac.html
FYI:
MDGx Tweaked + Customized File Manager (FM) installer FMNT32.EXE (free):
<http://www.mdgx.com/xptoy.htm#FMNT>
also installs "Disable User Account Control (UAC)" + "Enable User Account
Control (UAC)" items to Desktop right-click shell context menu.
* NEWest at the top -> OLDest at the bottom.
* Items labeled as "discontinued!": obsolete, unmaintained +/- abandoned.
* Most all software featured here is free(ware):
- Freeware:
<http://en.wikipedia.org/wiki/Freeware>
- Free:
http://en.wikipedia.org/wiki/Free_software
- Open Source:
http://en.wikipedia.org/wiki/Open-source_software
* I do not recommend any crippled/demo/limited/shareware/trialware/retail
software, except the few essentials on my *MUST HAVE* list:
<http://www.mdgx.com/toy.htm>
and only if I could not find any free(ware) alternative.
* Most unofficial Windows OSes (Hot)Fixes, Packs + Updates created using
official Microsoft IEAK {INF [<http://www.mdgx.com/add.htm#INF>] + SED
[http://www.mdgx.com/INF_web/cdfinfo.htm]} installer toolkit (free):
<http://www.mdgx.com/add.htm#IEA>
* Check back often for NEW tools + UPDATES.
* FYI:
Certain MDGx.com [<http://www.mdgx.com/>] ancient/old(er),
deprecated/discontinued/obsolete/unneeded, deleted/moved/renamed web pages,
documents, files, directories/folders are most likely to have been
archived/saved for posterity by these entities, and may still be available for
free (gratis):
- Internet Archive (WayBack Machine) [2003 - 2023]:
http://web.archive.org/web/*/http://www.mdgx.com/

- archive.today (Webpage Capture) [2014 - 2022]:
<http://archive.is/http://www.mdgx.com/>
* MDGx.com archived/saved directories/folders + all their files:
- /files/ -> from 2021:
<http://web.archive.org/web/20210506185314/http://www.mdgx.com/files/>
- /spx/ -> from 2019:
<http://web.archive.org/web/20210506152359/http://www.mdgx.com/spx/list.php>
- /sdrv/ -> from 2021:
<http://www.mdgx.com/sdrv/>
* Please let me know if you discover any broken links:
<http://www.mdgx.com/form.htm>
* Thank you for your time and patience. ;-/

* Enjoy. ;-)

Please send me feedback online:
<http://www.mdgx.com/form.htm>
Thanks. ;-/

Must have + useful Windows NTx Software Programs [99.99% free(ware)] from TOOLS.TXT (included):
<http://www.mdgx.com/tools.php>
<http://www.mdgx.com/TOOLS.TXT>
Must have + useful Software Programs [99.99% free(ware)] from SOFTWARE.TXT (included):
- MDGx Windows NTx Extras:
<http://www.mdgx.com/xptoy.htm>
- MDGx 1000+ Windows NTx Power Toys + Tweaking Tools:
<http://www.mdgx.com/toy.htm>
- MDGx Windows NTx Web Browsers + Internet Power Toys:
<http://www.mdgx.com/nettoys.htm>

WIN10.TXT Contents: [New @tweaks added at the TOP]

Windows 11 Requirements = Personal Perspective
Turn OFF/Postpone/Block/Uninstall Windows Updates (WU)
On The Edge of A Hostile Takeover = Uninstall + Replace Edge While You Still Can
Windows Updates (WU) Catalog, Listings + Guides
Turn OFF/Remove Windows 10 Adware, Spyware, Security Flaws + Repair/Restore Privacy
Tweak Windows 10/11 Services
Windows Settings (WS) + Control Panel (CP) Shortcuts
Tweaks, Hacks + Fixes... UNconventional, UNdocumented, UNCensored ;-/

Essential Add-ons, Components, Fixes, Updates, Tools + Games [free(ware)]
Tweak, Customize + Repair Tools on the Internet [free(ware)]
BACKUP/EXPORT + RESTORE/IMPORT REGISTRY/REGISTRY KEY(S) -> WINDOWS7.TXT (included):
<http://www.mdgx.com/7.php#:~:text=BACKUP%2FEXPORT%20%2B%20RESTORE%2FIMPORT%20REGISTRY%2FREGISTRY%20KEY%28S%29%20%21>
Whazz App? -> WINDOWS8.TXT (included):
<http://www.mdgx.com/8.php>
Tweaks, Hacks + Fixes... UNconventional, UNdocumented, UNCensored ;-/ -> WINDOWS8.TXT (included):
<http://www.mdgx.com/8.php>
Turn OFF/Remove Windows 7/8/8.1 Adware, Spyware, Security Flaws + Repair/Restore Privacy -> WINDOWS7.TXT (included):
<http://www.mdgx.com/7.php>
Tweaks, Hacks + Fixes... UNconventional, UNdocumented, UNCensored ;-/ -> WINDOWS7.TXT (included):
<http://www.mdgx.com/7.php>
Updates/(Hot)Fixes/Patches + Windows Update (WU) -> WINDOWS7.TXT (included):
<http://www.mdgx.com/7.php>
Internet + Web Browsers Tweaks, Fixes + Tools -> WINDOWS7.TXT (included):
<http://www.mdgx.com/7.php#:~:text=Internet%20%2B%20Web%20Browsers%20Tweaks%2C>

%20Fixes%20%2B%20Tools%20%5BChromium%2FChrome%2C%20Firefox
Digital + Internet/Online Privacy, Safety + Security -> WINDOWS7.TXT (included):
<http://www.mdgx.com/7.php#:~:text=Digital%20%2B%20Internet%2FOnline%20Privacy%2C%20Safety%20%2B%20Security%20%3D%20Your%20Top%20Priority>
Chromium/Chrome/X-Chromium/Thorium/Brave/Vivaldi/Supermium Automated Clean-Up ->
WINDOWS7.TXT (included):
<http://www.mdgx.com/7.php>
Everything About The Infamous (Not So) Trusted Installer -> WINDOWS7.TXT
(included):
<http://www.mdgx.com/7.php>
Free(ware) Burn/Copy/Write/Install CDs/DVDs/BDs/USB Tools -> WINDOWS7.TXT
(included):
<http://www.mdgx.com/7.php>
Free(ware) Start Menu Shell Replacements -> WINDOWS7.TXT (included):
<http://www.mdgx.com/7.php>
Control Panel (CP) + Omnipotent/Master/Mega/'god mode' (OMg) Control Panel ->
WINDOWS7.TXT (included):
<http://www.mdgx.com/7.php>
Windows (Defender) Firewall (WF) Tweaks + Tools -> WINDOWS7.TXT (included):
<http://www.mdgx.com/7.php>
Public Root DNS Servers -> WINDOWS7.TXT (included):
<http://www.mdgx.com/7.php#:~:text=Public%20Root%20DNS%20Servers%20%5B%2A%5D>
Turn OFF/ON User Account Control (UAC) -> WINDOWS7.TXT (included):
<http://www.mdgx.com/7.php>
Turn OFF Action/Security Center + Notifications/Messages -> WINDOWS7.TXT
(included):
<http://www.mdgx.com/7.php>
Tweak Windows 7/7 SP1 Services -> WINDOWS7.TXT (included):
<http://www.mdgx.com/7.php>
Logon + Password Tweaks -> WINDOWS7.TXT (included):
<http://www.mdgx.com/7.php>
Turn OFF/ON Link Layer Topology Discovery (LLTD) + Quality of Service (QoS) ->
WINDOWS7.TXT (included):
<http://www.mdgx.com/7.php>
Desktop Background/Wallpaper Tweaks + Free(ware) Tools -> WINDOWS7.TXT
(included):
<http://www.mdgx.com/7.php>
Turn OFF NVidia Telemetry -> WINDOWS7.TXT (included):
<http://www.mdgx.com/7.php>
Free(ware) 7/8/8.1/10/11 Aero Tools + Tweaks -> WINDOWS7.TXT (included):
<http://www.mdgx.com/7.php>
XP -> 7/8/8.1 Easy Transfer Files + Settings -> WINDOWS7.TXT (included):
<http://www.mdgx.com/7.php>
Windows Side-by-Side (WinSxS) Folder -> WINDOWS7.TXT (included):
<http://www.mdgx.com/7.php>
Save Files List -> Text -> WINDOWS7.TXT (included):
<http://www.mdgx.com/7.php>
Maximize Your Internet/Network Traffic Speed = MTU -> WINDOWS7.TXT (included):
<http://www.mdgx.com/7.php>
Windows 7/8/8.1/10/11 Wikipedia Resources + Free eBooks -> WINDOWS7.TXT
(included):
<http://www.mdgx.com/7.php>
Free(ware), Open Source + Portable Software + Games @ MDGx.com -> WINDOWS7.TXT
(included):
<http://www.mdgx.com/7.php>
Advanced Appearance (Metrics) Settings [AA(M)S] for Windows 7/newer ->
WINDOWS8.TXT (included):
<http://www.mdgx.com/8.php>
TESTING... TESTING !!! -> SERVCs10.TXT (included):
<http://www.mdgx.com/servcs10.php>
USELESS + UNSAFE SERVICES + DRIVERS = DISABLED -> SERVCs10.TXT (included):
<http://www.mdgx.com/servcs10.php>
Turn ON/OFF Services + Drivers Automatically Using Scripts -> SERVCs10.TXT
(included):

<http://www.mdgx.com/servcs10.php>
exFAT -> SECRETS.TXT (included):
<http://www.mdgx.com/secrets.htm#XFAT>

See also matching/related Windows NTx tweaks in WINDOWS8.TXT, WINDOWS7.TXT, SERVCS10.TXT, DESKTOP.TXT, MYTIPS95.TXT, REGISTRY.TXT, TIPS2000.TXT, TIPS95.TXT, TIPSPX.TXT (all included):
<http://www.mdgx.com/newtip.htm>

Windows 11 Requirements = Personal Perspective

Per Microsoft guidelines these are the basic minimum computer/device hardware requirements necessary to install + operate

Windows 11:

<http://www.microsoft.com/windows/windows-11-specifications/>

Short list:

- 64-bit (x64) CPU;
- 1 GHz CPU + minimum 2 cores [those ancient CPUs are sooo slooow!];
- 4 GB RAM [questionable, sluggish, barely suitable for basic/required/routine/simple jobs/tasks!];
- minimum 64 GB [theoretical], average 80-120 GB [practical] free disk space [bloat much... that's a lot of wasted storage space!];
- UEFI BIOS + Secure Boot [which effectively bans/blocks/rejects all OSes (Operating Systems) NOT approved/certified by Microsoft, and those "secure boot keys" cost a pretty penny!]; [*]
- TPM (Trusted Platform Module) 2.0 [which effectively bans/blocks/rejects all OSes (Operating Systems) NOT approved/certified by Microsoft, and those "secure boot keys" cost a pretty penny!]; [*]
- DX12 (DirectX 12) + WDDM (Windows Display Driver Model) 2.0 compliant video adapter;
- display/monitor/screen: minimum 720p [1280x720 px] resolution, minimum 9"/23cm diagonal;
- Microsoft online account to initiate + complete the installation/setup process [why? There is no need whatsoever for such an annoyance, burden, hindrance + waste of time, and most importantly, it only increases the risk for breach/hack/intrusion/invasion/spying/theft of personal privacy, safety + security, just by willingly giving Microsoft your confidential/identifiable/personal/private/privileged biometrics/data/fingerprint/information/stats!]; [#]
- network/internet connection [why? The entire OS (Operating System) + all its components are stored locally on the setup disk/drive/partition/volume!];
- audio system;
- keyboard;
- pointing device.

Reference @ Wikipedia:

http://en.wikipedia.org/wiki/Windows_11#System_requirements

http://en.wikipedia.org/wiki/Comparison_of_Microsoft_Windows_versions#Hardware_requirements

[*][#] Say whaaat? Hard pass! Ergo... I don't see a Windows 11 upgrade in my future.

More info about Secure [a.k.a. Restricted] Boot:

- FSF (Free Software Foundation): Will your computer's "Secure Boot" turn out to be "Restricted Boot"?:

<http://www.fsf.org/campaigns/secure-boot-vs-restricted-boot/>

- Matthew Garrett's Journal: Secure Boot and Restricted Boot:

<http://mjpg59.dreamwidth.org/23817.html>

- reddit [r/]: Secure Boot Cost?:

<http://www.reddit.com/r/linux/comments/14inl0c/>

- Stack Exchange: How secure is Microsoft mandated UEFI Secure Boot, really?:

<http://security.stackexchange.com/questions/16243/>

- Microsoft Tech Community: UEFI Signing Requirements:

<http://techcommunity.microsoft.com/t5/hardware-dev-center/updated-uefi-signing-requirements/ba-p/1062916/>

- Microsoft DOCs: Secure Boot:

<http://learn.microsoft.com/windows-hardware/design/device-experiences/oem-secure-boot/>

[#] See "* FIX: Turn OFF/bypass Windows 10 build 22H2/newer + Windows 11 Home/Pro 'Let's connect you to a Network' mandatory pre-install dialog window prompt" topic -> part of "Tweaks, Hacks + Fixes... UNconventional, UNdocumented, UNCensored ;-/"
chapter further below in WIN10.TXT (this file):

<http://www.mdgx.com/10.php>

<http://www.mdgx.com/WIN10.TXT>

What's Wrong with This Picture:

Some of these (forced) requirements are (among other things) questionable, allow backdoors/flaws for, and expose customers/owners/users to breaches, hacks, intrusions, invasion of personal privacy, spying, surveillance, theft, tracking, inherent safety + security flaws/vulnerabilities, are counterproductive, limiting, restrictive, conducive to a waste of money, resources + time, annoying, and (in many cases) way tooo slooow even for basic/necessary/required/routine/simple every day jobs/tasks. :-(

<http://arstechnica.com/gadgets/2024/02/windows-11-24h2-goes-from-unsupported-to-unbootable-on-some-older-pcs/>

Privacy, Safety + Security Concerns:

Sorry, but any computer/device/laptop/portable hardware locked [using Trusted Platform Module (TPM), Secure Boot, or any other anti-competitive/exclusivist/limiting/restrictive method/technology] for the sole purpose of being limited/restricted to using only Microsoft approved, certified, contracted, designed, leased, licensed and/or sold Operating Systems (OSes) bundled and/or retailed for more money than they're worth, while stifling [in some cases illegally, unethically, unfairly] the competition, and it gets worse... behind your backs, dishonest, forced, hidden, without your approval/consent/knowledge/permission, for profit, in certain cases, countries, territories and regions banned, illegal marketing, monetizing and business tactics and strategies, unauthorized, disguised, hidden non-stop auditing, monitoring, intrusive, invasive of your identifiable personal biometrics/data/fingerprint/information/stats, privacy, spying, surveilling, tracking proprietary, closed source, secretive, anti-competitive, centered, exclusivist, deceitful, monopolizing, crippling, limiting, restrictive, bundling, tying, take-over-style Microsoft + their 3rd party/affiliates/associates/branches/brands/companies/divisions/entities/parents/partners/subsidiaries accounts, apps, enrollments, memberships, remote (cloud, network, online) storage, services, subscriptions, etc is not worth a single nanosecond of my time.

But don't take my word for it...

- gHacks: Windows 11 24H2 to enforce hardware requirement [CPUs without POPCNT instruction will NOT boot!]:

<http://www.ghacks.net/2024/02/12/windows-11-24h2-to-enforce-hardware-requirement/>

Wikipedia: POPCNT (a subset of SSE4a instruction set):

http://en.wikipedia.org/wiki/SSE4#POPCNT_and_LZCNT
- Ars Technica: You'll need a Microsoft account to set up future versions of Windows 11 Pro:
<http://arstechnica.com/gadgets/2022/02/new-preview-build-adds-microsoft-account-requirement-to-windows-11-pro/>
- How-To Geek: Set Up Windows 11 Without a Microsoft Account:
<http://www.howtogeek.com/836157/how-to-use-windows-11-with-a-local-account/>
- C|Net: Want to download Windows 11? You need to do these 2 things first:
<http://www.cnet.com/tech/services-and-software/want-to-download-windows-11-you-need-to-do-these-two-things-first/>
- EnGadget: Windows 11 will add a watermark if you use unsupported hardware:
<http://www.engadget.com/windows-11-watermark-unsupported-hardware-135550376.html>
- The Verge: Windows 11 gets a new desktop watermark on unsupported hardware:
<http://www.theverge.com/22988775/microsoft-hardware/>
... and some good news for all who live in the European Union (E.U.) countries, nations, sovereignties, states + territories:
- Ars Technica: On DMA (Digital Markets Act) eve Google whines, Apple sounds alarms, and TikTok wants out:
<http://arstechnica.com/tech-policy/2024/03/on-dma-eve-google-whines-apple-sounds-alarms-and-tiktok-wants-out/>
- Microsoft Blogs: Previewing changes in Windows to comply with the Digital Markets Act (DMA) in the European Economic Area:
<http://blogs.windows.com/windows-insider/2023/11/16/previewing-changes-in-windows-to-comply-with-the-digital-markets-act-in-the-european-economic-area/>
- Ars Technica: No Bing, no Edge, no upselling: De-crufted Windows 11 coming to Europe soon:
<http://arstechnica.com/gadgets/2023/11/europeans-can-soon-strip-bing-edge-other-microsoft-cruft-from-windows-11/>
Ad(vertisement)s on Your Desktop:

Microsoft's decades old dream finally happened... hard to believe, but the April 2024 Windows 11 22H2/23H2 beta channel preview cumulative update [KB5036980] just went live, and is already filling your Start Menu with ads, or "recommendations" + "promotions" as Microsoft likes to call them, in order to make this "feature" more palatable for their customers:
<http://www.theverge.com/2024/4/24/24138949/>
<http://www.bleepingcomputer.com/news/microsoft/windows-11-kb5036980-update-goes-live-with-start-menu-ads/>
<http://www.techradar.com/computing/windows/bad-news-windows-11-users-ads-are-coming-to-the-start-menu-but-theres-something-you-can-do-about-it/>
Luckily at this point, you can [still!] disable them: Start Menu -> Settings -> Personalization -> Start -> turn OFF "Show recommendations for tips, app promotions, and more".
Unfortunately this update will soon become mainstream, which means it will be distributed/pushed to all Windows 11 computers on the planet via Windows Update [which is extremely hard to turn OFF], doesn't matter if you, as paying customer, want it or not!

Interface Aesthetics, Design, Look + Feel:

Not mentioning the fugly, flat, insipid, monotonous, uninteresting, bland, boring, inadequate, poorly designed user interface (UI) with drab, dull, annoying desktop, interface colors (mostly lack thereof), backgrounds, icons + layout, all inherited from the fiasco code named "Windows X" [latin cardinal numeral for "10" in arabic numerals]. ;-/

Conclusion:

IMO... Windows 11 constitutes an unnecessary upgrade, worse than Windows 10. :-(
More info:
- Wikipedia: Windows 11:
http://en.wikipedia.org/wiki/Windows_11

- Wikipedia: List of features removed in Windows 11:
http://en.wikipedia.org/wiki/List_of_features_removed_in_Windows_11
- Windows 11 Criticism + Complaints:
 - Wikipedia: Windows 11 Launch:
http://en.wikipedia.org/wiki/Windows_11#Launch
 - PC Magazine: The 10 Worst Things About Windows 11:
<http://www.pcmag.com/news/the-10-worst-things-about-windows-11/>
 - PC World: Windows 11 review: An unnecessary replacement for Windows 10:
<http://www.pcworld.com/article/539183/windows-11-review-an-unnecessary-replacement-for-windows-10.html>
 - TechTimes: Windows 11 Received Harsh Criticism Without Even Launching:
<http://www.techtimes.com/articles/261841/20210623/windows-11-received-harsh-criticism-without-even-launching.htm>
 - Ars Technica: Windows 11 has made the "clean Windows install" an oxymoron:
<http://arstechnica.com/gadgets/2023/08/windows-11-has-made-the-clean-windows-install-an-oxymoron/>
 - Digital Citizen: Windows 11 sucks: Reasons why you may not like it:
<http://www.digitalcitizen.life/windows-11-sucks/>
 - MakeUseOf: 5 Common Complaints Users Have About Windows 11:
<http://www.makeuseof.com/common-complaints-windows-11/>

BEWARE:

The worst is yet to come...
Microsoft is moving [slowly but surely] to cloud (network, online, remote) based, periodic subscription fee based operating systems (OSes), apps, software + services, which means you as paying customers + users are not going to be able to own or control anything, and will be stuck in an endless loop with unfair, anti-competitive, proprietary, unable to customize to your needs or preferences, and you will be exposed to a world devoid of personal privacy, safety, digital/online choices/freedom/rights, in which you're going to be constantly audited, fingerprinted, monitored, profiled, spied upon, under non-stop surveillance, tracked for marketing purposes and profit, having to tolerate annoying, behind-your-back, forced, hard or (almost) impossible to disable/remove/stop/turn OFF/uninstall, in-your-face, time consuming, unwanted advertisement(s), commercials, promotion(s), unnecessary bloat, useless apps/add-ons/banners/"experiences"/"features"/widgets/etc you never asked for, don't need or care about, and on top of everything else you'll have to pay on a regular basis for their expensive enrollment/maintenance/membership/renewal/service/subscription/support fees/prices in order to get all those "privileges".

More info:

<http://www.theverge.com/2023/6/27/23775117/>
<http://www.pcworld.com/article/1969519/>
<http://www.techradar.com/news/could-windows-12-become-microsofts-first-cloud-based-operating-system/>
<http://medium.com/@parami.vishal/microsofts-vision-a8ae10a3ddda/>

Turn OFF/Postpone/Block/Uninstall Windows Updates (WU)

* Turn OFF/delay/defer/pause/postpone/block/disable/stop/uninstall/delete/rollback Windows Updates (WU) in Windows 10/11:
<http://www.ghacks.net/2018/09/27/how-to-delay-feature-updates-in-windows-10/>
<http://admx.help/HKLM/Software/Policies/Microsoft/Windows/WindowsUpdate>
http://admx.help/?Category=Windows_10_2016&Policy=Microsoft.Policies.WindowsUpdate::DeferFeatureUp

dates

<http://www.askvg.com/windows-10-tip-change-maximum-days-limit-to-pause-windows-updates-installation/>
<http://www.askvg.com/fixing-windows-10-automatic-updates-install-problem/>
<http://hashhackers.com/posts/easily-stop-windows-10-updates-for-your-desired-time-period/>
<http://tipsmake.com/turn-off-the-win-10-update-stop-windows-10-from-updating-automatically>
<http://www.repairwin.com/seven-methods-to-stop-windows-10-updates-that-actually-work/>
<http://www.intowindows.com/how-to-pause-windows-update-download-in-windows-10/>
<http://www.tenforums.com/tutorials/96097-view-configured-update-policies-windows-10-a-3.html>
<http://supportcommunity.zebra.com/s/article/Re-enable-windows-feature-updates/>
<http://troubleshooter.xyz/wiki/disable-windows-creators-update-notice-in-windows-update/>
<http://forums.mydigitalife.net/threads/how-to-disable-updates-forever-windows-10-pro.77148/page-3>
<http://pastebin.com/mdB7xQrs>
<http://syamdownloads.com/OnlineHelp/Management%20Utilities/Windows10UpdatesControllingUpdat.html>
<http://www.winaero.com/defer-feature-updates-and-quality-updates-in-windows-10-version-2004/>
http://www.majorgeeks.com/content/page/how_to_block_the_windows_10_version_1809_october_update.html
http://www.majorgeeks.com/content/page/how_to_uninstall_windows_10_updates.html
http://www.majorgeeks.com/content/page/what_is_the_update_orchestrator_service.html
http://www.majorgeeks.com/content/page/how_to_delete_pending_windows_updates.html
http://www.majorgeeks.com/content/page/configure_when_and_how_windows_updates_are_delivered.html
http://www.majorgeeks.com/content/page/how_to_change_rollback_days_for_windows_10_feature_upgrades.html
<http://superuser.com/questions/1247989/>
<http://linustechtips.com/main/blogs/entry/1474-eleven-different-ways-to-disable-windows-update-in-windows-10-updated-march-2019/>
<http://superuser.com/questions/1213206/>
<http://www.msfn.org/how-to-block-windows-10-upgrades-on-your-business-network-and-at-home-too/>
<http://www.thewindowsclub.com/free-update-blocker-tools-to-stop-automatic-windows-10-updates/>
http://www.majorgeeks.com/content/page/how_to_delete_pending_windows_updates.html
http://www.majorgeeks.com/content/page/how_to_stop_windows_updates_from_downloading_drivers_on_windows_10.html
<http://www.thewindowsclub.com/disable-delivery-optimization-via-group-policy-or-registry-editor/>
<http://tipsmake.com/steps-to-fix-windows-computer-that-randomly-wakes-up-to-check-for-updates>
<http://tipsmake.com/how-to-enable-disable-the-pause-updates-feature-for-windows-update-in-windows-10>
<http://learn.microsoft.com/windows/deployment/update/waas-wu-settings/>
FYI:
Show Hidden Windows Updates to be able to UNinstall them at will:
<http://www.digitalcitizen.life/how-manage-installed-or-hidden-windows-updates/>
<http://pureinfotech.com/hidden-updates-windows-10/>
File:
<http://download.microsoft.com/download/f/2/2/f22d5fdb-59cd-4275-8c95-1be17bf70b21/wushowhide.diagcab>
UNinstall Windows Updates:
<http://www.makeuseof.com/manually-uninstall-windows-10-updates/>

* BUGs, Crashes, LockUps, Loss of Data !!!

Way too many official Microsoft Windows 10 and 11 updates/upgrades/(hot)fixes/patches are buggy/faulty/flawed/unsafe, generate errors, corrupt data, expose confidential/identifiable/personal/private/privileged protected/secure biometrics/data/fingerprint/information/files/stats to security breaches/hacking/leaks/malware/spyware/tracking, crashes, lock up many computer(s)/laptop(s)/server(s)/device(s), reboot/restart randomly, unexpectedly in the middle of performing critical/essential/vital/important tasks/operations/work, even cause loss of data/files, and here are just a few examples:

<http://arstechnica.com/security/2024/03/hackers-exploited-windows-0-day-for-6-months-after-microsoft-knew-of-it/>

<http://www.bleepingcomputer.com/news/microsoft/new-windows-updates-cause-unsupported-processor-blue-screens/>

<http://arstechnica.com/security/2023/08/a-renegade-certificate-is-removed-from-windows-then-it-returns-confusion-ensues/>

<http://arstechnica.com/security/2023/08/windows-feature-that-resets-system-clocks-based-on-random-data-is-wreaking-havoc/>

<http://arstechnica.com/gadgets/2023/08/windows-11-has-made-the-clean-windows-install-an-oxymoron/>

<http://arstechnica.com/security/2023/08/microsoft-cloud-security-blasted-for-its-culture-of-toxic-obfuscation/>

<http://arstechnica.com/information-technology/2022/12/microsoft-digital-certificates-have-once-again-been-abused-to-sign-malware/>

<http://arstechnica.com/information-technology/2022/10/how-a-microsoft-blunder-opened-millions-of-pcs-to-potent-malware-attacks/>

<http://arstechnica.com/gadgets/2022/08/windows-11-and-server-2022-encryption-bug-could-damage-data-on-newer-devices/>

<http://www.bleepingcomputer.com/news/microsoft/microsoft-defender-falsely-detects-win32-hivezy-in-google-chrome-electron-apps/>

<http://arstechnica.com/gadgets/2018/10/microsoft-suspends-distribution-of-latest-windows-10-update-over-data-loss-bug/>

<http://arstechnica.com/gadgets/2018/11/latest-windows-10-update-breaks-windows-media-player-win32-apps-in-general/>

<http://arstechnica.com/information-technology/2016/08/windows-10-anniversary-update-breaks-most-webcams/>

<http://www.bleepingcomputer.com/news/microsoft/microsofts-incomplete-printnightmare-patch-fails-to-fix-vulnerability/>

<http://www.msfm.org/microsoft-issues-windows-10-upgrade-warning/>

<http://www.zdnet.com/article/microsofts-printnightmare-patch-is-now-causing-problems-for-some-printers/>

<http://www.zdnet.com/article/get-updating-microsoft-delivers-printnightmare-patch-for-more-windows-versions/>

<http://www.windowscentral.com/how-mitigate-printing-problems-update-kb5004945-windows-10/>

<http://kotaku.com/1846864671/>

<http://www.techradar.com/news/new-windows-10-update-is-causing-a-whole-world-of-pain/>

<http://betanews.com/2021/02/07/windows-10-updates-kb4598299-kb4598301-visual-studio-problems/>

<http://www.komando.com/security-privacy/latest-windows-10-update-causing-serious-issues-including-blue-screen-of-death/760098/>

<http://callnerds.com/windows-10-update-disaster-and-what-you-should-do-about-it/>

<http://www.pcmag.com/news/microsoft-re-releasing-windows-10-october-update-for-all/>

<http://www.maketecheasier.com/latest-windows-10-update-problems/>

<http://www.howtogeek.com/658194/windows-10s-new-update-is-deleting-peoples-files-again/>

<http://www.msfm.org/windows-latest-patches-crash-event-viewer-but-microsoft-has-temporary-fix/>

<http://www.forbes.com/sites/gordonkelly/2020/05/19/microsoft-windows-10-warning-crashes-bsod-chrome-browser-slowdown-gaming-problems-upgrade-windows-10-free/>

<http://www.pcmag.com/news/windows-10-update-degrades-performance-in-some-games/>

<http://www.forbes.com/sites/gordonkelly/2020/05/27/microsoft-issues-windows-10-update-warning-kb4556799-free-windows-10-upgrade/>
<http://www.cnet.com/news/microsoft-windows-10-forced-updates-auto-restarts-are-the-worst/>
http://www.theregister.com/2022/11/17/microsoft_windows_10_fix/
... Would you like to know more? ;-/

<http://www.youtube.com/watch?v=kdrjzE1SE58>

[http://en.wikipedia.org/wiki/Starship_Troopers_\(film\)#Politics_and_propaganda](http://en.wikipedia.org/wiki/Starship_Troopers_(film)#Politics_and_propaganda)

* Bonus:

Turn OFF/block/disable/stop Windows 11 update:

<http://www.easeus.com/knowledge-center/stop-windows-11-update.html>

<http://www.ghacks.net/2021/07/06/how-to-block-the-windows-11-update/>

... These are the reasons why:

<http://www.tomshardware.com/news/windows-11-sends-user-data-to-third-party-services/>

<http://www.ghacks.net/2022/11/21/microsoft-is-turning-windows-11s-start-menu-into-an-advertisement-delivery-system/>

* FIXes:

The easy fix step-by-step:

Windows Update Blocker (WUB) [Wub.exe 32-bit + Wub_x64.exe 64-bit] for Windows 10/11 32-bit (x86) + 64-bit (x64) allows all users to block/disable/stop/turn OFF, and/or unblock/reenable/restart/turn back ON

automatic/unattended

behind-your-back/disguised/forced/harmful/hidden/intrusive/invasive/subversive/unwanted/without your

approval/consent/knowledge/permission Microsoft Windows Updates (WU) service + interconnected/interdependent/interrelated

services [up to 25 services!] + program executables (.exe) which are very complicated/hard/almost impossible to

block/control/disable/manage/stop/turn OFF without performing complicated/time consuming operations, cumbersome registry

tweaks, or/and without dedicated 3rd party tools (like this one):

<http://www.sordum.org/9470/>

File [Portable ZIP]:

<http://www.sordum.org/files/download/windows-update-blocker/Wub.zip>

Screen shot:

http://www.sordum.org/wp-content/uploads/2020/10/windos_update_blocker_blocked.png

windos_update_blocker_blocked.png

Windows Update (WU) Tools:

http://www.majorgeeks.com/mg/sortdate/windows_update.html

See MDGx "On The Edge of A Hostile Takeover = Uninstall + Replace Edge While You Still Can" chapter -> "REMEMBER:" section

in WIN10.TXT (included):

<http://www.mdgx.com/10.php>

<http://www.mdgx.com/WIN10.TXT>

1. Use an unZIPping/unARChiving/unRARing tool [free(ware)]

<http://www.mdgx.com/toy.htm#ZIP>

-> open "Wub.zip" archive -> extract "Wub_x64.exe" [for Windows 10/11 64-bit (x64)] or "Wub.exe" [for Windows 10/11 32-bit (x86)] + "Wub.ini" into the same dedicated/empty directory/folder: I have used

C:\TOOLS_10 in this example.

2. Open Explorer/similar/replacement -> right-click "Wub_x64.exe" [used in this example] -> Run as Administrator ->

(1) check "Disable Updates" box -> (2) check "Protect Services Settings" box ->

(3) click "Apply Now" -> close/exit WUB.

http://www.sordum.org/wp-content/uploads/2020/10/windos_update_blocker_blocked.png

windos_update_blocker_blocked.png

3. Use WUB interface or edit WUB.ini (using a UNICODE compatible Notepad/similar/better plain text/ASCII editor) to

add/disable/enable Windows services [up to 25] (example):

<http://www.thewindowsclub.com/windows-update-blocker/>

Add these 5 Windows Update (WU) interconnected/interdependent/interrelated services:

- DoSvc [Delivery Optimization service]
- UsoSvc [Update Orchestrator service]
- WaaSMedicSvc [Windows Update Medic service]
- wuauerv [Windows Update (Automatic Updates) service]
- BITS [Background Intelligent Transfer service]

to your WUB.ini to make sure they will remain disabled upon every Windows (re)boot/(re)start (example):

-----snippity-snip-----

```
[Service_List]
```

```
; 2=Auto
```

```
; 3=Manual
```

```
; 4=Disabled
```

```
wuauerv=3,4
```

```
dosvc=3,4
```

```
WaaSMedicSvc=3,4
```

```
UsoSvc=3,4
```

```
BITS=3,4
```

-----snippity-snip-----

WUB.ini is the WUB configuration file (plain text/ASCII, UNICODE encoded), and contains all its settings.

WUB.ini is located in the same directory/folder as its parent executable(s):

Wub.exe (32-bit) +/- Wub_x64.exe (64-bit).

4. Add this entry to your HKEY_LOCAL_MACHINE (HKLM) machine/system wide/all users registry "Run" subkey (example):

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer

<http://www.mdgx.com/toy.htm#TXT>

to create a plain text Registry file containing the lines between Cut & Paste delimiters below -> save it as plain

text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click it -> Run as Administrator -> answer Yes/OK

to all prompts to register/merge/import its information into your registry.

-----Begin cut & paste here-----

```
REGEDIT4
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Run]
```

```
"WUB"="\C:\TOOLS_10\Wub_x64.exe" /D /P
```

```
;
```

-----End cut & paste here-----

Wub_x64.exe (64-bit) = only for Windows 10/11 64-bit (x64).

If using Windows 10/11 32-bit (x86) = use Wub.exe (32-bit) instead.

In this example Wub_x64.exe is located in the C:\TOOLS_10 directory/folder.

Replace C:\TOOLS_10 with your WUB directory/folder name (+ drive/partition/volume letter if other than C) = notice the double backslash [\\] necessary in registry (.reg) files for drive/partition/volume letters + (sub)directory/(sub)folder names demarcation.

See "REG Files" section under "Comprehensive Windows Registry Guide" [Intro Chapter] in REGISTRY.XT (included) for more details:

<http://www.mdgx.com/reg.htm#RF>

5. OR:

Create a new task to run Windows Update Blocker (WUB) periodically scheduled (say once a day) in the background using

Task Scheduler [TaskSchd.msc] located in the %WinDir%\SYSTEM32 directory/folder [where %WinDir% = usually C:\WINDOWS]:

<http://www.windowscentral.com/how-create-automated-task-using-task-scheduler-windows-10/>

Start -> Run... [hold WinKey + press R] -> type

TaskSchd.msc

-> press Enter -> right-click "Task Scheduler Library" directory/folder -> New

Folder -> type directory/folder name
(Tasks_10 in this example) -> Action top menu option -> Create Basic Task ->
Create Basic Task Wizard -> type new task name
in Name field (WUB_Run_Daily in this example) -> Next button -> check Daily box
-> Next button -> check Start a program box
-> Program/script field -> Browse button -> go to (example used here)
C:\TOOLS_10\Wub_x64.exe
-> Add arguments (optional) box -> type
/D /P
-> press Finish button.
In this example Wub_x64.exe is located in the C:\TOOLS_10 directory/folder.
Replace C:\TOOLS_10 with your WUB directory/folder name.
Other tools similar to Windows Update Blocker (WUB) [free(ware)]:
http://www.majorgeeks.com/mg/sortdate/windows_update.html
InControl for Windows 10/11 allows all users to block/disable/stop/turn OFF or
delay/defer/pause/postpone
automatic/unattended
behind-your-back/disguised/forced/harmful/hidden/intrusive/invasive/subversive/
unwanted/without your
approval/consent/knowledge/permission Microsoft Windows Updates (WU) + upgrades
which are very complicated/hard/almost
impossible to block/control/disable/manage/stop/turn OFF without performing
complicated/time consuming operations,
cumbersome registry tweaks, or/and without dedicated 3rd party tools (like this
one):
<http://www.grc.com/incontrol.htm>
File:
<http://www.grc.com/files/incontrol.exe>
More details:
<http://www.grc.com/incontrol/details.htm>
Wu10Man for Windows 10 stops Windows Updates (WU) by tweaking Registry (Group
Policy), disabling services + blocking URLs:
<http://weredev.com/developer/wu10man/>
<http://github.com/WereDev/Wu10Man/>
Download:
<http://github.com/WereDev/Wu10Man/releases/latest/>
Requires Microsoft .NET Framework Redistributable (NFR) 4.7.2/newer:
<http://www.mdgx.com/add.htm#NFR>
5. Restart/reboot Windows for all changes to take effect.

* TWEAKs:

Control exactly if, how, when + where files from Windows Updates (WU) will be
allowed/blocked, downloaded to + installed on
your computer(s)/laptop(s)/device(s).
Free(ware) tools:
- WindowsSpyBlocker 32-bit for Windows 10/newer blocks Microsoft
dangerous/deceptive/insecure/invasive/intrusive/subversive/unsafe IPs based on
blocking rules [spy (spyware, surveillance,
telemetry, tracking), Windows Update (WU) + extra (Microsoft apps + services)] +
blocklists, highly customizable:
<http://crazymax.dev/WindowsSpyBlocker/>
Download [Portable EXE]:
<http://github.com/crazy-max/WindowsSpyBlocker/releases/latest/>
WindowsSpyBlocker Repository:
<http://github.com/crazy-max/WindowsSpyBlocker/>
Usage Guide:
<http://crazymax.dev/WindowsSpyBlocker/app/>
Blocking Rules Guide:
<http://crazymax.dev/WindowsSpyBlocker/blocking-rules/>
- Windows Update MiniTool (WUMT) 32-bit + 64-bit tweaks, downloads,
(un)installs, deletes +/- blocks Windows Updates (WU):
<http://win10.guru/toolkit-item-windows-update-minitool-wumt/>
Download:

http://www.majorgeeks.com/files/details/windows_update_minitool.html
- More Windows Update (WU) Tools:
http://www.majorgeeks.com/mg/sortdate/windows_update.html
- See "Similar Windows 7/newer Anti-Spyware/Privacy Tools" chapter in 10_BLOCK.TXT (included + part of 10_BLOCK.ZIP) for a list of anti-spyare + privacy tools:
Brief Guide:
<http://www.mdgx.com/xptoy.htm#10BLK>
10_BLOCK ReadMe Guide:
http://www.mdgx.com/10BLK/10_BLOCK.php
10_BLOCK.ZIP:
http://www.mdgx.com/10BLK/10_BLOCK.ZIP

That's it, you're done, you can stop reading now. ;-/

Naaah... I'm just messin' with you. :-) And now... The Long and Winding Road,
<http://andrewgodsell.wordpress.com/2016/05/17/the-beatles-in-wonderland/>
for those dedicated minds who'd like to know how to overcome Microsoft obstacles + reclaim control over their rightfully owned Windows computers... ;-/

* OPTIONAL Steps + Explanation:

All steps below are optional if you wish to do this step-by-step by hand/manually, or/and if you'd like to learn about the complicated process and the tremendous length Microsoft went (and is still going) to in order to forbid Windows 10/11 users from disabling/stopping Windows Updates. Wow... mind blown!
<http://media.tenor.com/6gEFCYhPwV0AAAAd/blown-mind-blown.gif>

WUB Brief Explanation:

Windows Update Blocker (WUB) disables + protects (by changing ownership access, level, permissions, privileges, rights, modifying, renaming +/- overwriting them) these Windows Updates (WU) interconnected/interdependent/interrelated services:
- Backup Scan = runs by default upon every (re)boot + periodically in the background -> %SystemRoot%\system32\usoclient.exe
- Schedule Scan = runs by default upon every (re)boot + periodically in the background -> %SystemRoot%\system32\usoclient.exe
- Schedule Scan Static Task = runs by default upon every (re)boot + periodically in the background -> %SystemRoot%\system32\usoclient.exe
- UpdateModelTask = runs by default upon every (re)boot + periodically in the background -> %SystemRoot%\system32\usoclient.exe
- USO_UxBroker = runs by default upon every (re)boot + periodically in the background -> %SystemRoot%\system32\MusNotification.exe
found in this scheduled Tasks directory/folder:
%WinDir%\SYSTEM32\Tasks\Microsoft\Windows\UpdateOrchestrator
and also turns off, disables + protects (by changing ownership access, level, permissions, privileges, rights, modifying, renaming +/- overwriting them) these Windows Updates (WU) interconnected/interdependent/interrelated services -> see respective Registry + BATch files below:
- DoSvc [Delivery Optimization service]
- UsoSvc [Update Orchestrator service]
- WaaSMedicSvc [Windows Update Medic service]
<http://appuals.com/what-is-waasmedic-and-how-to-disable-it-and-fix-it/>
- wuauerv [Windows Update (Automatic Updates) service]
WUB also stops temporarily this related service:
- BITS [Background Intelligent Transfer service]
WUB adds these REG_DWORD (DWORD) 32-bit values to the registry for all 4 Windows Updates (WU) interconnected/interdependent/interrelated services listed above + an entire list of Windows Update (WU)/Upgrade executables, effectively disabling them, thus preventing them from running

unnoticed in the background, behind your back:

-----Begin cut & paste here-----

REGEDIT4

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\DoSvc]

"WubLock"=dword:1

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\UsoSvc]

"WubLock"=dword:1

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\WaaSmedicSvc]

"WubLock"=dword:1

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\wuauerv]

"WubLock"=dword:1

[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Services\DoSvc]

"WubLock"=dword:1

[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Services\UsoSvc]

"WubLock"=dword:1

[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Services\WaaSmedicSvc]

"WubLock"=dword:1

[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Services\wuauerv]

"WubLock"=dword:1

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Image File Execution Options]

"WubBlockLists"=hex(7):57,61,61,53,4d,65,64,69,63,2e,65,78,65,00,57,61,61,73,\
4d,65,64,69,63,41,67,65,6e,74,2e,65,78,65,00,57,69,6e,64,6f,77,73,31,30,55,\
70,67,72,61,64,65,2e,65,78,65,00,57,69,6e,64,6f,77,73,31,30,55,70,67,72,61,\
64,65,72,41,70,70,2e,65,78,65,00,55,70,64,61,74,65,41,73,73,69,73,74,61,6e,\
74,2e,65,78,65,00,55,73,6f,43,6c,69,65,6e,74,2e,65,78,65,00,72,65,6d,73,68,\
2e,65,78,65,00,45,4f,53,6e,6f,74,69,66,79,2e,65,78,65,00,53,69,68,43,6c,69,\
65,6e,74,2e,65,78,65,00,75,70,66,63,2e,65,78,65,00,49,6e,73,74,61,6c,6c,41,\
67,65,6e,74,2e,65,78,65,00,4d,75,73,4e,6f,74,69,66,69,63,61,74,69,6f,6e,2e,\
65,78,65,00,4d,75,73,4e,6f,74,69,66,69,63,61,74,69,6f,6e,55,78,2e,65,78,65,\
00,00,00

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Image File Execution Options\InstallAgent.exe]

"Debugger"=""

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Image File Execution Options\MusNotification.exe]

"Debugger"=""

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Image File Execution Options\MusNotificationUx.exe]

"Debugger"=""

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Image File Execution Options\remsh.exe]

"Debugger"=""

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Image File Execution Options\SihClient.exe]

"Debugger"=""

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Image File Execution Options\UpdateAssistant.exe]

"Debugger"=""

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Image File Execution Options\upfc.exe]

"Debugger"=""

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Image File Execution Options\UsoClient.exe]

"Debugger"=""

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Image File Execution Options\WaaSmedic.exe]

"Debugger"=""

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Image File Execution Options\WaaSmedicAgent.exe]

"Debugger"=""

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Image File Execution Options\Windows10Upgrade.exe]

"Debugger"=""


```
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Image File  
Execution Options\Windows10UpgraderApp.exe]  
"Debugger"="/"
```

```
;
```

```
-----End cut & paste here-----
```

Original (unmodified) Windows 10 Windows Updates (WU) built-in scheduled tasks are found in these TrustedInstaller

(%WinDir%\servicing\TrustedInstaller.exe = %WinDir% is usually C:\WINDOWS)

Microsoft built-in user account [special "VIP"

type user created by Microsoft as "master overseer"] protected

directories/folders, which are

disabled/forbidden/locked/unavailable to any (other) user, even to the computer/device owner/main/only user, even with

Admin(istrator)/Sysadmin/SYSTEM level of access/permissions/privileges/rights:

- C:\WINDOWS\SYSTEM32\Tasks\Microsoft\Windows\UpdateOrchestrator :

Backup Scan

Maintenance Install

Reboot_AC Reboot_Battery

Schedule Scan

Schedule Scan Static Task

UpdateModelTask

USO_UxBroker

- C:\WINDOWS\SYSTEM32\Tasks\Microsoft\Windows\WaaSMedic :

PerformRemediation

- C:\WINDOWS\SYSTEM32\Tasks\Microsoft\Windows\WindowsUpdate :

Scheduled Start

sihpostreboot

To be allowed to access all these scheduled tasks one must take ownership + grant themselves Administrator level privileges

to the respective directories/folders + files from a DOS console (command prompt) -> right-click CMD shortcut/CMD.EXE -> Run

as Administrator -> run these commands -> press Enter after each line:

```
TAKEOWN.EXE /f "%WinDir%\SYSTEM32\Tasks" /r /d y
```

```
ICACLS.EXE "%WinDir%\SYSTEM32\Tasks" /grant:r %UserName%:F /t /c /q
```

icaccls [ICACLS.EXE] + TakeOwn [TAKEOWN.EXE] DOS console command line tools are both located in the %WinDir% directory/folder

[%WinDir% = usually C:\WINDOWS].

ICACLS.EXE:

<http://www.ss64.com/nt/icacls.html>

<http://learn.microsoft.com/windows-server/administration/windows-commands/icacls/>

<http://adamtheautomator.com/icacls/>

TAKEOWN.EXE:

<http://www.ss64.com/nt/takeown.html>

<http://learn.microsoft.com/windows-server/administration/windows-commands/takeown/>

You can also do this using a graphical user interface (GUI) tool:

NTFS Permissions Tools (NPT) 32-bit + 64-bit display/modify/add/delete NTFS ACLs file system security options/owner:

http://www.majorgeeks.com/files/details/ntfs_permissions_tools.html

Download:

<http://www.softpedia.com/get/Internet/Servers/Server-Tools/NTFS-Permissions-Tools.shtml#download>

Then rename all the Tasks subfolders listed above to anything else (example) from a DOS console (command prompt) ->

right-click CMD shortcut/CMD.EXE -> Run as Administrator -> run these commands -> press Enter after each line:

```
REN %WinDir%\SYSTEM32\Tasks\Microsoft\Windows\UpdateOrchestrator
```

```
UpdateOrchestrator_OLD
```

```
REN %WinDir%\SYSTEM32\Tasks\Microsoft\Windows\WaaSMedic WaaSMedic_OLD
```

```
REN %WinDir%\SYSTEM32\Tasks\Microsoft\Windows\WindowsUpdate WindowsUpdate_OLD
```

OR run Task Scheduler MMC snap-in:

```
MMC.EXE /S taskschd.msc
```

and disable all the tasks listed above -> right-click on each one of them 1 at a

time -> click Disable each time.

FYI:

TrustedInstaller (%WinDir%\servicing\TrustedInstaller.exe = %WinDir% is usually C:\WINDOWS) is Windows NTx [Vista/newer] Microsoft built-in user account [special "VIP" type user created by Microsoft as "master overseer"] with privileged, above-admin, system wide rights which performs automatic/unattended behind-your-back/forced/disguised/hidden/intrusive/invasive/subversive/unwanted/without your approval/consent/knowledge/permission operations, for example: downloads, updates, installs/uninstalls, closes/executes/(re)starts/(re)schedules dynamic link libraries (DLLs)/executables/services/tasks/scripts, modifies the Registry, creates/copies/renames/modifies/moves/deletes files/folders, modifies/takes over files/folders ownership/permissions/attributes, reboots/restarts/shuts down Windows. See also "Everything About The Infamous (Not So) Trusted Installer" in WINDOWS7.TXT (included):

<http://www.mdgx.com/7.php>

<http://www.mdgx.com/WINDOWS7.TXT>

How to stop Windows Updates (WU) [wuauerv] service + TrustedInstaller [TrustedInstaller.exe] process:

1. Run... [hold WinKey + press R] -> type:

services.msc

-> press Enter -> double-click Windows Updates (WU) service -> Stop button -> wait for service to stop -> OK button -> immediately double-click Windows Updates (WU) again -> General tab -> Startup type: -> select Manual -> Recovery tab -> "First Failure:", "Second Failure:" + "Subsequent Failures:" -> select Take No Action for all 3 types of Failure -> OK button.

2. Hold Ctrl + Shift + press Esc -> Task Manager (%WinDir%\SYSTEM32\TaskMgr.exe) -> Processes tab -> right-click

TrustedInstaller.exe -> End task -> End process button -> close Task Manager.

All attempts to stop and/or disable these

services/executables/processes/scheduled tasks manually by using:

Services MMC snap-in (%WinDir%\SYSTEM32\Services.msc)

Task Scheduler MMC snap-in (%WinDir%\SYSTEM32\TaskSchd.msc)

RegEdit (%WinDir%\REGEDIT.EXE)

built-in DOS command console tools (examples): REG.EXE, NET.EXE, SC.EXE, TASKKILL.EXE, etc,

are usually unsuccessful on their own/by themselves, or when performed as any user other than TrustedInstaller, because

Windows restarts/reschedules/restores them afterwards almost immediately, or after a certain amount of time preset in the built-in scheduled tasks/services/API/registry settings/run commands, and/or after the next restart/reboot.

That's why multiple consecutive steps need to be performed in a certain order for this to succeed.

1st Things 1st:

BACKUP YOUR REGISTRY BEFORE MAKING ANY CHANGES! -> See "BACKUP/EXPORT + RESTORE/IMPORT REGISTRY/REGISTRY KEY(S)" in WINDOWS7.TXT (included):

<http://www.mdgx.com/7.php#:~:text=BACKUP%2FEXPORT%20%2B%20RESTORE%2FIMPORT%20REGISTRY%2FREGISTRY%20KEY%28S%29%20%21>

Step 1:

Delay/defer/pause/postpone Windows Update service (WuauServ) by running BATch file below:

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer

<http://www.mdgx.com/toy.htm#TXT>

to create a plain text BATch (.bat) or CoMmanD (.cmd) script file containing the

lines between Cut & Paste delimiters below
-> save it as plain text/ASCII file (Encode: -> ANSI) with the BAT (.bat) or CMD (.cmd) extension -> right-click it ->
Run as Administrator -> wait for completion.
-----Begin cut & paste here-----

```
@ECHO OFF
IF NOT "%OS%"=="Windows_NT" GOTO END
REG.EXE ADD "HKLM\SOFTWARE\Microsoft\Windows\CurrentVersion\
WindowsUpdateSysprepInProgress" /f
WMIC.EXE service wuauerv call StopService
RUNDLL32.EXE wuaueng.dll,GeneralizeForImaging
:END
EXIT
```

-----End cut & paste here-----

WMIC [WMIC.EXE] is located in the %WinDir%\SYSTEM32\wbem directory/folder
[%WinDir% = usually C:\WINDOWS], which is listed
on your system PATH.
View all directories/folders listed in your system PATH from a DOS console
command prompt [%WinDir%\SYSTEM32\CMD.EXE]:
right-click CMD shortcut/CMD.EXE -> Run as Administrator -> type this command
PATH

-> press Enter.

WMIC (Windows Management Instrumentation Command):
<http://learn.microsoft.com/windows/win32/wmisdk/wmic/>

MS DOCS: WMIC:

<http://technet.microsoft.com/library/bb742610.aspx>

Dedoimedo: WMIC - The Windows secret weapon:

<http://www.dedoimedo.com/computers/windows-wmic.html>

ComputerHope: WMIC:

<http://www.computerhope.com/wmic.htm>

Rob van der Woude: WMIC:

<http://www.robvanderwoude.com/wmic.php>

quux: WMIC Snippets:

<http://quux.wiki.zoho.com/WMIC-Snippets.html>

SS64: WMIC.EXE:

<http://www.ss64.com/nt/wmic.html>

Wikipedia: WMI:

http://en.wikipedia.org/wiki/Windows_Management_Instrumentation

Step 2:

Delay/defer/pause/postpone Windows Update (WU) by running registry (.reg) file
below [in this example WU postpone date has
been set to > 50 years into the future: 2077-07-07 ;-/]:

<http://support.microsoft.com/help/328010/>

<http://github.com/vFense/vFenseAgent-win/wiki/Registry-keys-for-configuring-Automatic-Updates-&-WSUS/>

<http://www.smallvoid.com/article/winnt-automatic-updates-config.html>

<http://admx.help/HKLM/Software/Policies/Microsoft/WindowsStore>

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer

<http://www.mdgx.com/toy.htm#TXT>

to create a plain text Registry file containing the lines between Cut & Paste
delimiters below -> save it as plain
text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click

it -> Run as Administrator -> answer Yes/OK

to all prompts to register/merge/import its information into your registry.

-----Begin cut & paste here-----

```
REGEDIT4
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\WindowsSelfHost\UI\Visibility]
"HideInsiderPage"=dword:1
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\WindowsUpdate\UX]
"IsConvergedUpdateStackEnabled"=dword:0
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\WindowsUpdate\UX\Settings]
"AllowAutoWindowsUpdateDownloadOverMeteredNetwork"=dword:0
```

"BranchReadinessLevel"=dword:10
"ConfigureDeadlineForFeatureUpdates"=dword:1e
"ConfigureDeadlineForQualityUpdates"=dword:1e
"DeferFeatureUpdates"=dword:1
"DeferFeatureUpdatesPeriodInDays"=dword:16d
"DeferQualityUpdatesPeriodInDays"=dword:16d
"DeferQualityUpdates"=dword:1
"DeferQualityUpdatesPeriodInDays"=dword:1e
"DeferUpgrade"=dword:1
"DeferUpgradePeriod"=dword:8
"DeferUpdatePeriod"=dword:4
"DisableWindowsUpdateAccess"=dword:1
"DoNotConnectToWindowsUpdateInternetLocations"=dword:1
"ExcludeWUDriversInQualityUpdate"=dword:1
"FlightCommitted"=dword:0
"FlightSettingsMaxPauseDays"=dword:99999999
"HideMCTLink"=dword:1
"InsiderProgramEnabled"=dword:0
"LastToastAction"=dword:0
"PauseDeferrals"=dword:1
"PauseFeatureUpdatesStartTime"="2015-05-05T05:05:05Z"
"PauseQualityUpdatesStartTime"="2015-05-05T05:05:05Z"
; Next 3 values delay/defer/pause/postpone WU until 2077 (example), can be
extended to any acceptable date:
"PauseUpdatesExpiryTime"="2077-07-07T07:07:07Z"
"PauseFeatureUpdatesEndTime"="2077-07-07T07:07:07Z"
"PauseQualityUpdatesEndTime"="2077-07-07T07:07:07Z"
"RestartNotificationsAllowed"=dword:1
"SetDisableUXWUAccess"=dword:1
"UxOption"=dword:0
[HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows\WindowsUpdate]
"AllowAutoWindowsUpdateDownloadOverMeteredNetwork"=dword:0
"BranchReadinessLevel"=dword:10
"ConfigureDeadlineForFeatureUpdates"=dword:1e
"ConfigureDeadlineForQualityUpdates"=dword:1e
"DeferFeatureUpdates"=dword:1
"DeferFeatureUpdatesPeriodInDays"=dword:16d
"DeferQualityUpdatesPeriodInDays"=dword:1e
"DeferQualityUpdates"=dword:1
"DeferQualityUpdatesPeriodInDays"=dword:1e
"DeferUpgrade"=dword:1
"DeferUpgradePeriod"=dword:8
"DeferUpdatePeriod"=dword:4
"DisableOSUpgrade"=dword:1
"DisableWindowsUpdateAccess"=dword:1
"DoNotConnectToWindowsUpdateInternetLocations"=dword:1
"ElevateNonAdmins"=dword:1
"ExcludeWUDriversInQualityUpdate"=dword:1
"FlightCommitted"=dword:0
; "FlightSettingsMaxPauseDays"=dword:000f4240
"FlightSettingsMaxPauseDays"=dword:99999999
"HideMCTLink"=dword:1
"InsiderProgramEnabled"=dword:0
"LastToastAction"=dword:0
"ManagePreviewBuilds"=dword:1
"ManagePreviewBuildsPolicyValue"=dword:0
"PauseDeferrals"=dword:1
"PauseFeatureUpdatesStartTime"="2015-05-05T05:05:05Z"
"PauseQualityUpdatesStartTime"="2015-05-05T05:05:05Z"
; Next 3 values delay/defer/pause/postpone WU until 2077 (example), can be
extended to any acceptable date:
"PauseUpdatesExpiryTime"="2077-07-07T07:07:07Z"
"PauseFeatureUpdatesEndTime"="2077-07-07T07:07:07Z"
"PauseQualityUpdatesEndTime"="2077-07-07T07:07:07Z"

```

"RestartNotificationsAllowed"=dword:1
"SetDisableUXWUAccess"=dword:1
"TargetReleaseVersion"=dword:1
"TargetReleaseVersionInfo"="0000"
"UxOption"=dword:0
; These Windows Server Update Services (WSUS) server IPs are bogus, of
course. ;-/
; Alternatively you can use built-in local server IPs instead: null [0.0.0.0],
or localhost [127.0.0.1]:
"WUserver"="localhost.localdomain.wsus"
"WUstatusServer"="localhost.localdomain.wsus"
"UpdateServiceUrlAlternate"="wsus.localdomain.localhost"
[HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows\WindowsUpdate\AU]
"AutoInstallMinorUpdates"=dword:0
"NoAutoUpdate"=dword:1
"NoAutoRebootWithLoggedOnUsers"=dword:1
"NoAUAsDefaultShutdownOption"=dword:1
"RebootRelaunchTimeout"=dword:3
"RebootRelaunchTimeoutEnabled"=dword:1
"UseWUserver"=dword:1
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\WindowsUpdate\Auto
Update]
"NextSqmReportTime"="0"
"NextFeaturedUpdatesNotificationTime"="0"
"EnableFeaturedSoftware"=dword:0
"FeaturedUpdatesNotificationSeqNum"=dword:0
"FeaturedUpdatesNotificationSeqNumGenTime"="0"
"SetupWizardLaunchTime"="0"
"ForcedReboot"=dword:0
"AUOptions"=dword:1
"ConfigVer"=dword:1
"BalloonTime"="0"
"ScheduledInstallDay"=dword:0
"ScheduledInstallTime"=dword:0
"IncludeRecommendedUpdates"=dword:0
"NextDetectionTime"="0"
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Policies\Explorer]
"NoWindowsUpdate"=dword:1
[HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Policies\Explorer]
"NoWindowsUpdate"=dword:1
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\WindowsUpdate\
OSUpgrade]
"AllowOSUpgrade"=dword:0
"ReservationsAllowed"=dword:0
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\WindowsUpdate\
OSUpgrade\State]
"OSUpgradeState"=dword:1
"OSUpgradeStateTimeStamp"="2015-05-05 05:05:05"
[HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\WindowsStore]
"DisableOSUpgrade"=dword:1
[HKEY_LOCAL_MACHINE\SYSTEM\Setup\UpgradeNotification]
"UpgradeAvailable"=dword:0
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\WindowsUpdate\UpdatePolicy\Settings]
"PausedFeatureStatus"=dword:1
"PausedQualityStatus"=dword:1
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Notifications\
Settings]
"Windows.SystemToast.Suggested"=dword:0
;

```

-----End cut & paste here-----

Step 3:

Microsoft SubInACL [SUBINACL.EXE] 32-bit command line tool for Windows
2000/newer displays/modifies/migrates NTFS ACL file

system/registry security options/owner:

<http://web.archive.org/web/20190828204406/http://www.microsoft.com/en-us/download/details.aspx?id=23510>

File [MSI Installer]:

http://web.archive.org/web/20190910062448if_/http://download.microsoft.com/download/1/7/d/17d82b72-bc6a-4dc8-bfaa-98b37b22b367/subinacl.msi

More info:

<http://www.mdgx.com/xptoy.htm#SIA>

SubInACL Documentation:

<http://www.mdgx.com/fmnt32/SUBINACL.HTM>

Install 7-Zip unZIPping/unARChiving/unRARing tool (free GPL):

<http://www.7-zip.org/>

Use 7-Zip File Manager (7zFM.exe) to extract SubInACL (SUBINACL.EXE) from subinacl.msi (see above) to a directory/folder of

your choice, preferably one listed in your system PATH (example):

C:\WINDOWS\SYSTEM32

View your system path from a DOS console command prompt -> right-click CMD shortcut/CMD.EXE -> Run as Administrator -> run

this command -> press Enter:

```
SET PATH
```

Turn OFF all 4 Windows Update (WU) interconnected/interdependent/interrelated services (+ stop BITS service temporarily) by

running BATch file below:

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer

<http://www.mdgx.com/toy.htm#TXT>

to create a plain text BATch (.bat) or CoMmanD (.cmd) script file containing the lines between Cut & Paste delimiters below

-> save it as plain text/ASCII file (Encode: -> ANSI) with the BAT (.bat) or CMD (.cmd) extension -> right-click it ->

Run as Administrator -> wait for completion.

-----Begin cut & paste here-----

```
@ECHO OFF
```

```
IF NOT "%OS%"=="Windows_NT" GOTO END
```

```
:: Make sure SUBINACL.EXE resides in a directory/folder listed in your system PATH -> see above.
```

```
SUBINACL.EXE /keyreg "HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services" /setowner=%UserName% /grant=%UserName%=f
```

```
SUBINACL.EXE /keyreg "HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Services" /setowner=%UserName% /grant=%UserName%=f
```

```
SUBINACL.EXE /keyreg "HKEY_LOCAL_MACHINE\SYSTEM\ControlSet002\Services" /setowner=%UserName% /grant=%UserName%=f
```

```
REG.EXE EXPORT "HKLM\SYSTEM\CurrentControlSet\Services\BITS" BITS.reg /y
```

```
REG.EXE EXPORT "HKLM\SYSTEM\ControlSet001\Services\BITS" BITS001.reg /y
```

```
REG.EXE EXPORT "HKLM\SYSTEM\ControlSet002\Services\BITS" BITS002.reg /y
```

```
REG.EXE EXPORT "HKLM\SYSTEM\CurrentControlSet\Services\DoSvc" Dosvc.reg /y
```

```
REG.EXE EXPORT "HKLM\SYSTEM\ControlSet001\Services\DoSvc" Dosvc001.reg /y
```

```
REG.EXE EXPORT "HKLM\SYSTEM\ControlSet002\Services\DoSvc" Dosvc002.reg /y
```

```
REG.EXE EXPORT "HKLM\SYSTEM\CurrentControlSet\Services\UsoSvc" UsoSvc.reg /y
```

```
REG.EXE EXPORT "HKLM\SYSTEM\ControlSet001\Services\UsoSvc" UsoSvc001.reg /y
```

```
REG.EXE EXPORT "HKLM\SYSTEM\ControlSet002\Services\UsoSvc" UsoSvc002.reg /y
```

```
REG.EXE EXPORT "HKLM\SYSTEM\CurrentControlSet\Services\WaaSmedicSvc"
```

```
WaaSmedicSvc.reg /y
```

```
REG.EXE EXPORT "HKLM\SYSTEM\ControlSet001\Services\WaaSmedicSvc"
```

```
WaaSmedicSvc001.reg /y
```

```
REG.EXE EXPORT "HKLM\SYSTEM\ControlSet002\Services\WaaSmedicSvc"
```

```
WaaSmedicSvc002.reg /y
```

```
REG.EXE EXPORT "HKLM\SYSTEM\CurrentControlSet\Services\wuauserv" wuauserv.reg /y
```

```
REG.EXE EXPORT "HKLM\SYSTEM\ControlSet001\Services\wuauserv" wuauserv001.reg /y
```

```
REG.EXE EXPORT "HKLM\SYSTEM\ControlSet002\Services\wuauserv" wuauserv002.reg /y
```

```
REG.EXE DELETE "HKLM\SYSTEM\CurrentControlSet\Services\BITS\Security" /f
```

```
REG.EXE DELETE "HKLM\SYSTEM\ControlSet001\Services\BITS\Security" /f
```

```
REG.EXE DELETE "HKLM\SYSTEM\ControlSet002\Services\BITS\Security" /f
```

```
REG.EXE DELETE "HKLM\SYSTEM\CurrentControlSet\Services\DoSvc\Security" /f
```

```
REG.EXE DELETE "HKLM\SYSTEM\ControlSet001\Services\DoSvc\Security" /f
REG.EXE DELETE "HKLM\SYSTEM\ControlSet002\Services\DoSvc\Security" /f
REG.EXE DELETE "HKLM\SYSTEM\CurrentControlSet\Services\UsoSvc\Security" /f
REG.EXE DELETE "HKLM\SYSTEM\ControlSet001\Services\UsoSvc\Security" /f
REG.EXE DELETE "HKLM\SYSTEM\ControlSet002\Services\UsoSvc\Security" /f
REG.EXE DELETE "HKLM\SYSTEM\CurrentControlSet\Services\WaaSmedicSvc\Security" /f
REG.EXE DELETE "HKLM\SYSTEM\ControlSet001\Services\WaaSmedicSvc\Security" /f
REG.EXE DELETE "HKLM\SYSTEM\ControlSet002\Services\WaaSmedicSvc\Security" /f
REG.EXE DELETE "HKLM\SYSTEM\CurrentControlSet\Services\WuAuserV\Security" /f
REG.EXE DELETE "HKLM\SYSTEM\ControlSet001\Services\WuAuserV\Security" /f
REG.EXE DELETE "HKLM\SYSTEM\ControlSet002\Services\WuAuserV\Security" /f
REG.EXE ADD "HKLM\SYSTEM\CurrentControlSet\Services\BITS" /v LaunchProtected /t
REG_DWORD /d 0 /f
REG.EXE ADD "HKLM\SYSTEM\ControlSet001\Services\BITS" /v LaunchProtected /t
REG_DWORD /d 0 /f
REG.EXE ADD "HKLM\SYSTEM\ControlSet002\Services\BITS" /v LaunchProtected /t
REG_DWORD /d 0 /f
REG.EXE ADD "HKLM\SYSTEM\CurrentControlSet\Services\DoSvc" /v LaunchProtected /t
REG_DWORD /d 0 /f
REG.EXE ADD "HKLM\SYSTEM\ControlSet001\Services\DoSvc" /v LaunchProtected /t
REG_DWORD /d 0 /f
REG.EXE ADD "HKLM\SYSTEM\ControlSet002\Services\DoSvc" /v LaunchProtected /t
REG_DWORD /d 0 /f
REG.EXE ADD "HKLM\SYSTEM\CurrentControlSet\Services\UsoSvc" /v
LaunchProtected /t REG_DWORD /d 0 /f
REG.EXE ADD "HKLM\SYSTEM\ControlSet001\Services\UsoSvc" /v LaunchProtected /t
REG_DWORD /d 0 /f
REG.EXE ADD "HKLM\SYSTEM\ControlSet002\Services\UsoSvc" /v LaunchProtected /t
REG_DWORD /d 0 /f
REG.EXE ADD "HKLM\SYSTEM\CurrentControlSet\Services\WaaSmedicSvc" /v
LaunchProtected /t REG_DWORD /d 0 /f
REG.EXE ADD "HKLM\SYSTEM\ControlSet001\Services\WaaSmedicSvc" /v LaunchProtected
/t REG_DWORD /d 0 /f
REG.EXE ADD "HKLM\SYSTEM\ControlSet002\Services\WaaSmedicSvc" /v LaunchProtected
/t REG_DWORD /d 0 /f
REG.EXE ADD "HKLM\SYSTEM\CurrentControlSet\Services\WuAuserV" /v LaunchProtected
/t REG_DWORD /d 0 /f
REG.EXE ADD "HKLM\SYSTEM\ControlSet001\Services\WuAuserV" /v LaunchProtected /t
REG_DWORD /d 0 /f
REG.EXE ADD "HKLM\SYSTEM\ControlSet002\Services\WuAuserV" /v LaunchProtected /t
REG_DWORD /d 0 /f
REG.EXE ADD "HKLM\SYSTEM\CurrentControlSet\Services\BITS" /v UserServiceFlags /t
REG_DWORD /d 0 /f
REG.EXE ADD "HKLM\SYSTEM\ControlSet001\Services\BITS" /v UserServiceFlags /t
REG_DWORD /d 0 /f
REG.EXE ADD "HKLM\SYSTEM\ControlSet002\Services\BITS" /v UserServiceFlags /t
REG_DWORD /d 0 /f
REG.EXE ADD "HKLM\SYSTEM\CurrentControlSet\Services\DoSvc" /v
UserServiceFlags /t REG_DWORD /d 0 /f
REG.EXE ADD "HKLM\SYSTEM\ControlSet001\Services\DoSvc" /v UserServiceFlags /t
REG_DWORD /d 0 /f
REG.EXE ADD "HKLM\SYSTEM\ControlSet002\Services\DoSvc" /v UserServiceFlags /t
REG_DWORD /d 0 /f
REG.EXE ADD "HKLM\SYSTEM\CurrentControlSet\Services\UsoSvc" /v
UserServiceFlags /t REG_DWORD /d 0 /f
REG.EXE ADD "HKLM\SYSTEM\ControlSet001\Services\UsoSvc" /v UserServiceFlags /t
REG_DWORD /d 0 /f
REG.EXE ADD "HKLM\SYSTEM\ControlSet002\Services\UsoSvc" /v UserServiceFlags /t
REG_DWORD /d 0 /f
REG.EXE ADD "HKLM\SYSTEM\CurrentControlSet\Services\WaaSmedicSvc" /v
UserServiceFlags /t REG_DWORD /d 0 /f
REG.EXE ADD "HKLM\SYSTEM\ControlSet001\Services\WaaSmedicSvc" /v
UserServiceFlags /t REG_DWORD /d 0 /f
REG.EXE ADD "HKLM\SYSTEM\ControlSet002\Services\WaaSmedicSvc" /v
```

```

UserServiceFlags /t REG_DWORD /d 0 /f
REG.EXE ADD "HKLM\SYSTEM\CurrentControlSet\Services\wuauerv" /v
UserServiceFlags /t REG_DWORD /d 0 /f
REG.EXE ADD "HKLM\SYSTEM\ControlSet001\Services\wuauerv" /v UserServiceFlags /t
REG_DWORD /d 0 /f
REG.EXE ADD "HKLM\SYSTEM\ControlSet002\Services\wuauerv" /v UserServiceFlags /t
REG_DWORD /d 0 /f
REG.EXE ADD "HKLM\SYSTEM\CurrentControlSet\Services\BITS" /v Start /t
REG_DWORD /d 3 /f
REG.EXE ADD "HKLM\SYSTEM\ControlSet001\Services\BITS" /v Start /t REG_DWORD /d 3
/f
REG.EXE ADD "HKLM\SYSTEM\ControlSet002\Services\BITS" /v Start /t REG_DWORD /d 3
/f
REG.EXE ADD "HKLM\SYSTEM\CurrentControlSet\Services\DoSvc" /v Start /t REG_DWORD
/d 4 /f
REG.EXE ADD "HKLM\SYSTEM\ControlSet001\Services\DoSvc" /v Start /t REG_DWORD /d
4 /f
REG.EXE ADD "HKLM\SYSTEM\ControlSet002\Services\DoSvc" /v Start /t REG_DWORD /d
4 /f
REG.EXE ADD "HKLM\SYSTEM\CurrentControlSet\Services\UsoSvc" /v Start /t
REG_DWORD /d 4 /f
REG.EXE ADD "HKLM\SYSTEM\ControlSet001\Services\UsoSvc" /v Start /t REG_DWORD /d
4 /f
REG.EXE ADD "HKLM\SYSTEM\ControlSet002\Services\UsoSvc" /v Start /t REG_DWORD /d
4 /f
REG.EXE ADD "HKLM\SYSTEM\CurrentControlSet\Services\WaaSmedicSvc" /v Start /t
REG_DWORD /d 4 /f
REG.EXE ADD "HKLM\SYSTEM\ControlSet001\Services\WaaSmedicSvc" /v Start /t
REG_DWORD /d 4 /f
REG.EXE ADD "HKLM\SYSTEM\ControlSet002\Services\WaaSmedicSvc" /v Start /t
REG_DWORD /d 4 /f
REG.EXE ADD "HKLM\SYSTEM\CurrentControlSet\Services\wuauerv" /v Start /t
REG_DWORD /d 4 /f
REG.EXE ADD "HKLM\SYSTEM\ControlSet001\Services\wuauerv" /v Start /t
REG_DWORD /d 4 /f
REG.EXE ADD "HKLM\SYSTEM\ControlSet002\Services\wuauerv" /v Start /t
REG_DWORD /d 4 /f
ECHO Y|NET.EXE STOP BITS
SC.EXE CONFIG BITS START= demand
ECHO Y|NET.EXE STOP DoSvc
SC.EXE CONFIG DoSvc START= disabled
ECHO Y|NET.EXE STOP UsoSvc
SC.EXE CONFIG UsoSvc START= disabled
ECHO Y|NET.EXE STOP WaaSmedicSvc
SC.EXE CONFIG WaaSmedicSvc START= disabled
ECHO Y|NET.EXE STOP wuauerv
SC.EXE CONFIG wuauerv START= disabled
:END
EXIT
-----End cut & paste here-----
Step 4:
*****
Turn OFF all 4 (+ 1) Windows Update (WU)
interconnected/interdependent/interrelated services by running REG file below:
TIP:
Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer
http://www.mdgx.com/toy.htm#TXT
to create a plain text Registry file containing the lines between Cut & Paste
delimiters below -> save it as plain
text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click
it -> Run as Administrator -> answer Yes/OK
to all prompts to register/merge/import its information into your registry.
-----Begin cut & paste here-----
REGEDIT4

```



```

; Background Intelligent Transfer service (BITS):
; http://lifehacker.com/1786614642/
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\BITS\Security]
"Security"=hex:00
[-HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\BITS\Security]
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\BITS]
"LaunchProtected"=dword:0
"UserServiceFlags"=dword:0
"Start"=dword:3
; Delivery Optimization service (DoSvc):
; http://www.techwibe.com/dosvc-bandwidth-eating-windows-10-permanent-solution-
fix/
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\DoSvc\Security]
"Security"=hex:00
[-HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\DoSvc\Security]
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\DoSvc]
"LaunchProtected"=dword:0
"UserServiceFlags"=dword:0
"Start"=dword:4
; Update Orchestrator service (Usosvc):
; http://www.techwibe.com/what-does-usosvc-do-and-how-to-disable-usosvc/
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\Usosvc\Security]
"Security"=hex:00
[-HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\Usosvc\Security]
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\Usosvc]
"LaunchProtected"=dword:0
"UserServiceFlags"=dword:0
"Start"=dword:4
; Windows Update Medic service (WaaSMedicSvc):
; http://www.thewindowsclub.com/windows-update-blocker/
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\WaaSMedicSvc\Security]
"Security"=hex:00
[-HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\WaaSMedicSvc\Security]
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\WaaSMedicSvc]
"LaunchProtected"=dword:0
"UserServiceFlags"=dword:0
"Start"=dword:4
; Windows Update (Automatic Updates) service (wuauserv):
; http://lifehacker.com/1786614642/
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\wuauserv\Security]
"Security"=hex:00
[-HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\wuauserv\Security]
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\wuauserv]
"LaunchProtected"=dword:0
"UserServiceFlags"=dword:0
"Start"=dword:4
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Services\DoSvc\Security]
"Security"=hex:00
[-HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Services\DoSvc\Security]
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Services\DoSvc]
"LaunchProtected"=dword:0
"UserServiceFlags"=dword:0
"Start"=dword:4
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Services\Usosvc\Security]
"Security"=hex:00
[-HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Services\Usosvc\Security]
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Services\Usosvc]
"LaunchProtected"=dword:0
"UserServiceFlags"=dword:0
"Start"=dword:4
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Services\WaaSMedicSvc\Security]
"Security"=hex:00
[-HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Services\WaaSMedicSvc\Security]
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Services\WaaSMedicSvc]

```

```

"LaunchProtected"=dword:0
"UserServiceFlags"=dword:0
"Start"=dword:4
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Services\wuauerv\Security]
"Security"=hex:00
[-HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Services\wuauerv\Security]
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Services\wuauerv]
"LaunchProtected"=dword:0
"UserServiceFlags"=dword:0
"Start"=dword:4
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet002\Services\DoSvc\Security]
"Security"=hex:00
[-HKEY_LOCAL_MACHINE\SYSTEM\ControlSet002\Services\DoSvc\Security]
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet002\Services\DoSvc]
"LaunchProtected"=dword:0
"UserServiceFlags"=dword:0
"Start"=dword:4
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet002\Services\Usosvc\Security]
"Security"=hex:00
[-HKEY_LOCAL_MACHINE\SYSTEM\ControlSet002\Services\Usosvc\Security]
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet002\Services\Usosvc]
"LaunchProtected"=dword:0
"UserServiceFlags"=dword:0
"Start"=dword:4
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet002\Services\WaaSMedicSvc\Security]
"Security"=hex:00
[-HKEY_LOCAL_MACHINE\SYSTEM\ControlSet002\Services\WaaSMedicSvc\Security]
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet002\Services\WaaSMedicSvc]
"LaunchProtected"=dword:0
"UserServiceFlags"=dword:0
"Start"=dword:4
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet002\Services\wuauerv\Security]
"Security"=hex:00
[-HKEY_LOCAL_MACHINE\SYSTEM\ControlSet002\Services\wuauerv\Security]
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet002\Services\wuauerv]
"LaunchProtected"=dword:0
"UserServiceFlags"=dword:0
"Start"=dword:4
;
-----End cut & paste here-----

```

Step 5:

Rename the %WinDir%\SoftwareDistribution [%WinDir% = usually C:\WINDOWS] directory/folder to something else (example) by running BATch file below:
<http://tipsmake.com/how-to-change-the-download-folder-windows-update-in-windows-10>

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer

<http://www.mdgx.com/toy.htm#TXT>

to create a plain text BATch (.bat) or CoMmanD (.cmd) script file containing the lines between Cut & Paste delimiters below

-> save it as plain text/ASCII file (Encode: -> ANSI) with the BAT (.bat) or CMD (.cmd) extension -> right-click it ->

Run as Administrator -> wait for completion.

-----Begin cut & paste here-----

```
@ECHO OFF
```

```
IF NOT "%OS%"=="Windows_NT" GOTO END
```

```
TAKEOWN.EXE /f "%WinDir%\SoftwareDistribution" /r /d y
```

```
ICACLS.EXE "%WinDir%\SoftwareDistribution" /grant:r %UserName%:F /t /c /q
```

```
REN "%WinDir%\SoftwareDistribution" SoftwareDistribution_OLD
```

```
:END
```

```
EXIT
```

-----End cut & paste here-----

OR delete the %WinDir%\SoftwareDistribution directory/folder altogether (but back it up first if it contains anything!) by running BATch file below:

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer

<http://www.mdgx.com/toy.htm#TXT>

to create a plain text BATch (.bat) or CoMmanD (.cmd) script file containing the lines between Cut & Paste delimiters below

-> save it as plain text/ASCII file (Encode: -> ANSI) with the BAT (.bat) or CMD (.cmd) extension -> right-click it ->

Run as Administrator -> wait for completion.

-----Begin cut & paste here-----

```
@ECHO OFF
```

```
IF NOT "%OS%"=="Windows_NT" GOTO END
```

```
TAKEOWN.EXE /f "%WinDir%\SoftwareDistribution" /r /d y
```

```
ICACLS.EXE "%WinDir%\SoftwareDistribution" /grant:r %UserName%:F /t /c /q
```

```
DEL /F /Q /S "%WinDir%\SoftwareDistribution\*.*"
```

```
RD /Q /S "%WinDir%\SoftwareDistribution"
```

```
:END
```

```
EXIT
```

-----End cut & paste here-----

ICACLS.EXE:

<http://www.ss64.com/nt/icacls.html>

<http://learn.microsoft.com/windows-server/administration/windows-commands/icacls/>

<http://adamtheautomator.com/icacls/>

TAKEOWN.EXE:

<http://www.ss64.com/nt/takeown.html>

<http://learn.microsoft.com/windows-server/administration/windows-commands/takeown/>

Step 6:

Rename all Windows Updates (WU) interconnected/interdependent/interrelated scheduled tasks directories/folders to any other names (example) by running BATch file below:

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer

<http://www.mdgx.com/toy.htm#TXT>

to create a plain text BATch (.bat) or CoMmanD (.cmd) script file containing the lines between Cut & Paste delimiters below

-> save it as plain text/ASCII file (Encode: -> ANSI) with the BAT (.bat) or CMD (.cmd) extension -> right-click it ->

Run as Administrator -> wait for completion.

-----Begin cut & paste here-----

```
@ECHO OFF
```

```
IF NOT "%OS%"=="Windows_NT" GOTO END
```

```
TAKEOWN.EXE /f "%WinDir%\SYSTEM32\Tasks\Microsoft\Windows\UpdateOrchestrator" /r /d y
```

```
ICACLS.EXE "%WinDir%\SYSTEM32\Tasks\Microsoft\Windows\UpdateOrchestrator" /grant:r %UserName%:F /t /c /q
```

```
REN "%WinDir%\SYSTEM32\Tasks\Microsoft\Windows\UpdateOrchestrator"
```

```
UpdateOrchestrator_OLD
```

```
TAKEOWN.EXE /f "%WinDir%\SYSTEM32\Tasks\Microsoft\Windows\WaaSMedic" /r /d y
```

```
ICACLS.EXE "%WinDir%\SYSTEM32\Tasks\Microsoft\Windows\WaaSMedic" /grant:r %UserName%:F /t /c /q
```

```
REN "%WinDir%\SYSTEM32\Tasks\Microsoft\Windows\WaaSMedic" WaaSMedic_OLD
```

```
TAKEOWN.EXE /f "%WinDir%\SYSTEM32\Tasks\Microsoft\Windows\WindowsUpdate" /r /d y
```

```
ICACLS.EXE "%WinDir%\SYSTEM32\Tasks\Microsoft\Windows\WindowsUpdate" /grant:r %UserName%:F /t /c /q
```

```
REN "%WinDir%\SYSTEM32\Tasks\Microsoft\Windows\WindowsUpdate" WindowsUpdate_OLD
```

```
:END
```

```
EXIT
```

-----End cut & paste here-----

ICACLS.EXE:

<http://www.ss64.com/nt/icacls.html>
<http://learn.microsoft.com/windows-server/administration/windows-commands/icacls/>
<http://adamtheautomator.com/icacls/>
TAKEOWN.EXE:
<http://www.ss64.com/nt/takeown.html>
<http://learn.microsoft.com/windows-server/administration/windows-commands/takeown/>

Step 7 [last 1]:

Last but not least, restart/reboot Windows for all changes to take effect.

* SAFE INSTALL:

Install by hand/manually downloaded/local/offline individual/separate CAB (.cab)/EXE (.exe)/MSU (.msu) Updates from Windows Updates Catalog (WUC) in Windows 7/8/1.8/10/11:
<http://woshub.com/manually-install-cab-msu-updates-windows/>
This can be done even if Windows Update (WU) feature/service is blocked/disabled/turned OFF on your computer(s)/device(s), and multiple such updates can be included in BATch (.bat)/CoMmanD (.cmd) files for automated/unattended install/upgrade purposes.

In case you add more than 1 such commands to the same batch file [.bat or .cmd], you should precede each command line with

"START /wait " (generic example):

START /wait WUSA.EXE "%UserProfile%\Downloads\Update_1.msu" /quiet /norestart

START /wait WUSA.EXE "%UserProfile%\Downloads\Update_2.msu" /quiet /norestart

START /wait WUSA.EXE "%UserProfile%\Downloads\Update_3.msu" /quiet /norestart

WUSA (Windows Update Standalone Installer) [WUSA.EXE] executable is located in the %WinDir%\SYSTEM32 directory/folder

[%WinDir% = usually C:\WINDOWS].

View all directories/folders listed in your system PATH from a DOS console command prompt [%WinDir%\SYSTEM32\CMD.EXE]:

right-click CMD shortcut/CMD.EXE -> Run as Administrator -> type this command
PATH

-> press Enter.

Alternatively you can extract the main CAB (.cab) file (with identical/similar name as the MSU file) from the parent MSU

(.msu) installer using an unZIPPING/unARCHiving/unRARing tool [free(ware)]

<http://www.mdgx.com/toy.htm#ZIP>

and install it from a DOS console (command prompt) -> right-click CMD

shortcut/CMD.EXE -> Run as Administrator -> run this

command line (generic example: replace Update text string below with the actual CAB file name):

DISM.EXE /Online /Add-Package /PackagePath:Update.cab /Quiet /NoRestart

In case you run more than 1 such commands, or if you add more than 1 such commands to the same batch file [.bat or .cmd],

you should precede each command line with "START /wait " (generic example):

START /wait DISM.EXE /Online /Add-Package /PackagePath:Update_1.cab /Quiet /NoRestart

START /wait DISM.EXE /Online /Add-Package /PackagePath:Update_2.cab /Quiet /NoRestart

START /wait DISM.EXE /Online /Add-Package /PackagePath:Update_3.cab /Quiet /NoRestart

DISM (Deployment Image Servicing and Management) [DISM.EXE] executable is located in the %WinDir%\SYSTEM32 directory/folder

[%WinDir% = usually C:\WINDOWS].

View all directories/folders listed in your system PATH from a DOS console command prompt [%WinDir%\SYSTEM32\CMD.EXE]:

right-click CMD shortcut/CMD.EXE -> Run as Administrator -> type this command
PATH

-> press Enter.

NOTE:

See also "Turn OFF/Postpone/Block/Uninstall Windows Updates (WU)" further above:
<http://www.mdgx.com/10.php>
<http://www.mdgx.com/WIN10.TXT>

1. Search Windows Updates (WU) Catalog for the particular update(s) you wish to install (example):
<http://www.catalog.update.microsoft.com/search.aspx?q=cumulative%20x64%20windows%2010>
<http://www.catalog.update.microsoft.com/search.aspx?q=%22Windows%2010%22>
Make sure the update(s) you select match the Windows NTx [7/newer] operating system(s) [OS(es)]
build/edition/release/update/version + bit strength [32-bit (x86) or 64-bit (x64)] you are using.
2. Download this file (example):
http://download.windowsupdate.com/c/msdownload/update/software/secu/2020/10/windows10.0-kb4579311-x64_9cc8221b0ed1bc799278d029c4edadf785920da9.msu
to your %UserProfile%\Downloads directory/folder [default]:
%UserProfile%\Downloads\windows10.0-kb4579311-x64_9cc8221b0ed1bc799278d029c4edadf785920da9.msu
MSKB 4579311 Info:
<http://support.microsoft.com/help/4579311/>
MSKB 4579311 Downloads (from MS Catalog Update):
<http://www.catalog.update.microsoft.com/search.aspx?q=KB4579311>
MSKB 4579311 Bugs:
<http://betanews.com/2020/10/17/windows-10-kb4579311-cumulative-update-problems/>
3. Install the update you selected above from a DOS console (command prompt) -> right-click CMD shortcut/CMD.EXE -> Run as Administrator -> run this command -> press Enter (example):
WUSA.EXE %UserProfile%\Downloads\windows10.0-kb4579311-x64_9cc8221b0ed1bc799278d029c4edadf785920da9.msu /quiet /norestart
WUSA (Windows Update Standalone Installer) [WUSA.EXE] executable is located in the %WinDir%\SYSTEM32 directory/folder
[%WinDir% = usually C:\WINDOWS].
View all directories/folders listed in your system PATH from a DOS console command prompt [%WinDir%\SYSTEM32\CMD.EXE]:
right-click CMD shortcut/CMD.EXE -> Run as Administrator -> type this command
PATH
-> press Enter.
4. Restart/reboot Windows for all changes to take effect.
Update Manager for Windows 10 (WuMgr) manages, downloads + installs Microsoft products updates, highly customizable:
<http://github.com/DavidXanatos/wumgr/>
Download:
<http://github.com/DavidXanatos/wumgr/releases/latest/>
WuMgr Guide:
<http://www.askwoody.com/forums/topic/guide-to-using-wumgr-for-windows-10-updates/>

On The Edge of A Hostile Takeover = Uninstall + Replace Edge While You Still Can

* UNinstall, remove + replace Edge (especially, and if possible, any build/edition/release/version prior to September 2020 Windows 10 Update) from all your computers/portables running Windows 7/newer OSes (if using more than 1), respectively both:
- old/legacy/obsolete/out-of-date Edge (all Edge versions up to 78) based on proprietary EdgeHTML + Chakra JavaScript web browser engines installed by older/obsolete/out-of-date Windows 10 builds/releases/updates, and
- newer/current/updated Windows 10/11 built-in/default/forced Google Chromium Edge (all Edge versions 79 and newer)

[proprietary, disabled/limited/locked/unavailable basic/important/optional features/functions/options/settings, loaded with forced/impossible/hard-to-disable/unnecessary/unsafe/unwanted Microsoft anti-competitive/bundling/centered/deceitful/exclusivist/limiting/monopolizing/restrictive apps, enrollments, features, memberships, services, software, subscriptions, trials, ad(ware)/spyware/surveillance/tracking] based on heavily modified Google Chromium (Canary developer channel) web browser source code:
<http://www.cloudwards.net/how-to-uninstall-microsoft-edge/>
<http://mspoweruser.com/how-to-uninstall-microsoft-edge-in-windows-10/>
<http://blog.pcrisk.com/windows/12542/>
<http://www.intowindows.com/how-to-uninstall-remove-edge-browser-from-windows-10/>
<http://www.winaero.com/blog/how-to-uninstall-and-remove-edge-browser-in-windows-10/>
<http://www.winability.com/how-to-stop-microsoft-edge-from-hijacking-pdf-files/>
<http://superuser.com/questions/949814/>
<http://betanews.com/2020/07/07/uninstall-microsoft-edge/>
<http://thinkmobiles.com/blog/how-to-uninstall-microsoft-edge/>
<http://learn.microsoft.com/deployedge/edge-learnmore-needededge/>
http://en.wikipedia.org/wiki/Microsoft_Edge

FULL DISCLOSURE:

As paying customers you have the right to know what Microsoft is doing behind your backs, hidden, without your approval/consent/knowledge/permission, and be aware of their anti-competitive, centered, exclusivist, deceitful, monopolizing, crippling, limiting, restrictive, spying, tracking, unfair, bundling, tying, take-over-style, and in certain countries, regions, territories banned, illegal, unauthorized marketing, monetizing and business tactics and strategies it keeps employing for almost 50 years [but don't take my word for it]

http://en.wikipedia.org/wiki/United_States_v._Microsoft_Corp.

http://en.wikipedia.org/wiki/Criticism_of_Microsoft

with the purpose of limiting, restricting and suppressing paying consumers' options and choices, stifle competition, and to persuade you to buy/lure/switch to/temp/tie exclusively into and/or subscribe to their own and/or

3rd party/affiliates/associates/branches/brands/companies/divisions/entities/parents/partners/subsidiaries of products and services, even if not as qualitative/satisfactory as advertised due to anti-competitive, deceitful, advertising/promotion, or worse, and/or more expensive, and/or longer term binding/contract/dependent than competitors'/3rd parties

products/services, and/or not worth your choices/interests/money/needs/preferences/resources:

<http://www.pcmag.com/news/microsoft-deploys-harmful-design-tricks-to-push-edge-say-mozilla-researchers/>

<http://arstechnica.com/gadgets/2024/01/microsoft-edge-is-apparently-seamlessly-usurping-chrome-on-peoples-pcs/>

<http://www.theverge.com/24054329/microsoft-edge-automatic-chrome-import-data-feature/>

<http://www.xda-developers.com/microsoft-shooting-itself-foot-edge/>

<http://arstechnica.com/gadgets/2023/08/microsoft-rolls-out-then-pauses-pop-up-that-asked-chrome-users-to-switch-to-bing/>

<http://www.xda-developers.com/microsoft-edge-popups-switch-bing/>

<http://www.windowslatest.com/2023/05/02/microsoft-targets-chrome-pushes-edge-on-windows-11-10-and-android-ios/>

<http://gizmodo.com/1850392901/>

<http://arstechnica.com/gadgets/2023/04/on-by-default-edge-feature-seems-to-be-sending-all-the-urls-you-visit-to-bing/>

<http://www.neowin.net/news/report-microsoft-edge-apparently-leaking-all-websites-you-visit-to-bing-api/>

<http://arstechnica.com/gadgets/2022/11/the-sign-in-menu-is-the-latest-frontier-for-microsoft-ads-in-windows-11/>

https://www-kuketz--blog-de.translate.goog/microsoft-edge-datensendeverhalten-desktop-version-browser-check-teil4/?_x_tr_sl=de&_x_tr_tl=en
<http://www.bleepingcomputer.com/news/microsoft/windows-10-hosts-file-blocking-telemetry-is-now-flagged-as-a-risk/>
<http://gizmodo.com/1848150282/>
<http://www.tomshardware.com/news/microsoft-confirms-windows-11-edge-default-browser/>
<http://www.ctrl.blog/entry/microsoft-edge-protocol-competition.html>
<http://www.zdnet.com/article/microsoft-edge-is-stealing-chrome-users-data-i-asked-microsoft-if-its-true/>
<http://www.zdnet.com/article/windows-10s-edge-must-stop-stealing-the-browser-default-says-vivaldi-ceo/>
<http://news.softpedia.com/news/microsoft-edge-accused-of-sneakily-importing-firefox-data-on-windows-10-530338.shtml>
<http://www.zdnet.com/article/microsoft-started-pestering-me-about-edge-there-was-one-problem/>
See also MDGx "Similar Windows 7/newer Anti-Spyware/Privacy Tools" + "HOSTS" sections in 10_BLOCK.TXT (included):
<http://www.mdgx.com/xptoy.htm#10BLK>
http://www.mdgx.com/10BLK/10_BLOCK.php
http://www.mdgx.com/10BLK/10_BLOCK.TXT

BEWARE:

Edge web browsers collect, spy, surveil, track + send logged on/signed in members/subscribers/users' unique SID (Security Identifier) + web browser history [URLs (Uniform Resource Locator) = IPs, web addresses]

biometrics/data/fingerprint/information/stats,
confidential/identifiable/personal/private/privileged preferences, user choices/options/settings, to Microsoft + Microsoft 3rd party/affiliated/associated/leased/(sub)contracted/partner/subsidiary cloud/network/internet/remote domains/servers/sites behind-your-back/disguised/forced/without your approval/authorization/consent/knowledge/permission:

<http://ieeexplore.ieee.org/document/9374407/>
<http://winbuzzer.com/2019/07/23/users-raise-privacy-concerns-as-edge-browser-caught-sending-full-urls-and-sid-to-microsoft-xcxwbn/>
http://www.scss.tcd.ie/Doug.Leith/pubs/browser_privacy.pdf
<http://www.slashgear.com/7-reasons-to-stop-using-microsoft-edge-03701116/>
<http://www.whatismyip.com/best-browser-for-privacy/>
<http://www.zdnet.com/article/a-professor-says-edge-is-the-worst-for-privacy-microsoft-isnt-happy/>
<http://www.laptopmag.com/news/edge-fails-browser-security-rankings-but-microsoft-isnt-buying-it/>

UPDATE:

Obsolete Windows 10 Edge proprietary closed source [discontinued!] core (all Edge versions up to 78), web browser + APIs (Application Programming Interfaces) are being phased out and replaced with free, open source Chromium (Canary) code (all Edge versions 79 and newer) created by Google Chromium developers
<http://www.chromium.org/Home/>
and further modified, crippled, limited, locked, restricted extensively by Edge web browser [current!] developers to support Windows 10/11 Live/Metro/Screen/Start/Tile (Store) apps, aimed to lock legitimate/paying customers/owners/users out of certain built-in original Chromium/Chrome web browser features/functions/options/settings, and confine/cripple/force/limit/lock/redirect/replace/restrict Windows users towards Microsoft anti-competitive/centered/exclusive/proprietary/restricted/specific (even without offering any other alternatives/choices) and/or pay-for/membership-only/subscription-only bundled/exclusive apps/features/functions/memberships/programs/services/subscriptions:

http://en.wikipedia.org/wiki/Microsoft_Edge
Older Live/Metro/Screen/Start/Tile (Store) apps still use obsolete Microsoft Internet Explorer (IE) interface and APIs (Application Programming Interface), but those are being or have been already phased

out/uninstalled/locked/disabled/discontinued/replaced/unsupported.

Chromium/Chrome web browser extensions (free, open source)

<http://chromewebstore.google.com/category/extensions>

may or may not [?] work or be compatible with Chromium based Edge web browser, depending on modified code

limitations/lock-outs/restrictions/removals made by Microsoft.

WARNING:

Users who have allowed/tolerated/lived through the installation of the September 2020 Windows 10 Update

<http://support.microsoft.com/help/4571756/>

<http://support.microsoft.com/help/4577266/>

were being told by Microsoft that they canNOT uninstall Edge anymore, due to the new browser core integration [!], which

recently replaced the ancient [> 25 years old!], proprietary, obsolete, flawed, inadequate, insecure Internet Explorer (IE)

[discontinued in April 2021 from all newer Windows 10/2016/2019

builds/editions/releases/updates]:

<http://support.microsoft.com/help/4576988/>

<http://techcommunity.microsoft.com/t5/microsoft-365-blog/new-microsoft-edge-to-replace-microsoft-edge-legacy-with-april-s/ba-p/2114224/>

<http://www.zdnet.com/article/microsoft-heres-why-you-cant-uninstall-our-edge-browser/>

<http://www.theverge.com/21310611/microsoft-edge-browser-forced-update-chromium-editorial/>

BUG + FIX: Windows 10 September 2020 Update breaks another major feature:

<http://www.windowslatest.com/2020/09/07/windows-10-sleep-mode-problem/>

REMEMBER:

- You do NOT have to allow automatic/unattended behind-your-back/disguised/forced/hidden/intrusive/invasive/subversive/unwanted/without your

approval/consent/knowledge/permission installation of Windows 10 cosmetic, non-essential, security unrelated, spying,

surveillance, tracking updates/patches/fixes/builds, because you can stop, uninstall (and reenable/reinstall whenever you

wish) Windows Updates (WU) permanently/temporarily (+ turn it back on) using Windows

Update Blocker (WUB) (freeware):

Windows Update Blocker (WUB) [wub.exe 32-bit + wub_x64.exe 64-bit] for Windows 10/11 32-bit (x86) + 64-bit (x64) allows all

users to block/disable/stop/turn OFF, and/or unblock/reenable/restart/turn back ON

automatic/unattended

behind-your-back/disguised/forced/harmful/hidden/intrusive/invasive/subversive/unwanted/without your

approval/consent/knowledge/permission Microsoft Windows Updates (WU) service + interconnected/interdependent/interrelated

services [up to 25 services!] + program executables (.exe) which are very complicated/hard/almost impossible to

block/control/disable/manage/stop/turn OFF without performing complicated/time consuming operations, cumbersome registry

tweaks, or/and without dedicated 3rd party tools (like this one):

<http://www.sordum.org/9470/>

File [Portable ZIP]:

<http://www.sordum.org/files/download/windows-update-blocker/Wub.zip>

Screen shot:

<http://www.sordum.org/wp-content/uploads/2020/10/>

windows_update_blocker_blocked.png

Windows Update (WU) Tools:

http://www.majorgeeks.com/mg/sortdate/windows_update.html

See MDGx "Turn OFF/Postpone/Block/Uninstall Windows Updates (WU)" chapter -> "*" FIXes:" section in WIN10.TXT (included):

<http://www.mdgx.com/10.php>

<http://www.mdgx.com/WIN10.TXT>

- You can always uninstall Windows 10/11 updates:

<http://www.anoopnair.com/remove-windows-11-update-patch-latest-cu-best/>

<http://www.pcmag.com/how-to/computer-acting-up-how-to-uninstall-a-windows-10-update/>

Extra step:

Disable these 3 recently introduced automatic/unattended

behind-your-back/disguised/forced/harmful/hidden/intrusive/invasive/subversive/
unwanted/without your

approval/consent/knowledge/permission Edge services:

- Microsoft Edge Elevation Service [MicrosoftEdgeElevationService]

<http://batcmd.com/windows/10/services/microsoftedgeelevationservice/>

%ProgramFiles%\Microsoft\Edge\Application\89.0.774.68\elevation_service.exe

%ProgramFiles%\Microsoft\Edge\Application\92.0.902.67\elevation_service.exe

%ProgramFiles%\Microsoft\Edge\Application\108.0.1462.46\elevation_service.exe

%ProgramFiles(x86)%\Microsoft\Edge\Application\89.0.774.68\elevation_service.exe

%ProgramFiles(x86)%\Microsoft\Edge\Application\92.0.902.67\elevation_service.exe

%ProgramFiles(x86)%\Microsoft\Edge\Application\108.0.1462.46\

elevation_service.exe

%ProgramFiles(x86)%\Microsoft\EdgeCore\89.0.774.68\elevation_service.exe

%ProgramFiles(x86)%\Microsoft\EdgeCore\92.0.902.67\elevation_service.exe

%ProgramFiles(x86)%\Microsoft\EdgeCore\108.0.1462.46\elevation_service.exe

- Microsoft Edge Update Service (edgeupdate) [edgeupdate]

<http://batcmd.com/windows/10/services/edgeupdate/>

%ProgramFiles%\Microsoft\EdgeUpdate\MicrosoftEdgeUpdate.exe /svc

%ProgramFiles(x86)%\Microsoft\EdgeUpdate\MicrosoftEdgeUpdate.exe /svc

- Microsoft Edge Update Service (edgeupdatem) [edgeupdatem]

<http://batcmd.com/windows/10/services/edgeupdatem/>

%ProgramFiles%\Microsoft\EdgeUpdate\MicrosoftEdgeUpdate.exe /medsvc

%ProgramFiles(x86)%\Microsoft\EdgeUpdate\MicrosoftEdgeUpdate.exe /medsvc

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer

<http://www.mdgx.com/toy.htm#TXT>

to create a plain text BATch (.bat) or CoMmand (.cmd) script file containing the
lines between Cut & Paste delimiters below

-> save it as plain text/ASCII file (Encode: -> ANSI) with the BAT (.bat) or CMD
(.cmd) extension -> right-click it -> Run

as Administrator -> wait for completion.

-----Begin cut & paste here-----

@ECHO OFF

IF NOT "%OS%"=="Windows_NT" GOTO END

ECHO Y|NET.EXE STOP MicrosoftEdgeElevationService

SC.EXE CONFIG MicrosoftEdgeElevationService START= disabled

ECHO Y|NET.EXE STOP edgeupdate

SC.EXE CONFIG edgeupdate START= disabled

ECHO Y|NET.EXE STOP edgeupdatem

SC.EXE CONFIG edgeupdatem START= disabled

REG.EXE ADD "HKLM\SYSTEM\CurrentControlSet\Services\
MicrosoftEdgeElevationService" /v Start /t REG_DWORD /d 4 /f

REG.EXE ADD "HKLM\SYSTEM\ControlSet001\Services\
MicrosoftEdgeElevationService" /v Start /t REG_DWORD /d 4 /f

REG.EXE ADD "HKLM\SYSTEM\ControlSet002\Services\
MicrosoftEdgeElevationService" /v Start /t REG_DWORD /d 4 /f

REG.EXE ADD "HKLM\SYSTEM\CurrentControlSet\Services\edgeupdate" /v Start /t

REG_DWORD /d 4 /f

REG.EXE ADD "HKLM\SYSTEM\ControlSet001\Services\edgeupdate" /v Start /t

REG_DWORD /d 4 /f

REG.EXE ADD "HKLM\SYSTEM\ControlSet002\Services\edgeupdate" /v Start /t

REG_DWORD /d 4 /f

REG.EXE ADD "HKLM\SYSTEM\ControlSet002\Services\edgeupdate" /v Start /t

REG_DWORD /d 4 /f

REG.EXE ADD "HKLM\SYSTEM\ControlSet002\Services\edgeupdate" /v Start /t

REG_DWORD /d 4 /f

REG.EXE ADD "HKLM\SYSTEM\ControlSet002\Services\edgeupdate" /v Start /t

REG_DWORD /d 4 /f

```
REG_DWORD /d 4 /f
REG.EXE ADD "HKLM\SYSTEM\CurrentControlSet\Services\edgeupdatem" /v Start /t
REG_DWORD /d 4 /f
REG.EXE ADD "HKLM\SYSTEM\ControlSet001\Services\edgeupdatem" /v Start /t
REG_DWORD /d 4 /f
REG.EXE ADD "HKLM\SYSTEM\ControlSet002\Services\edgeupdatem" /v Start /t
REG_DWORD /d 4 /f
:END
EXIT
```

-----End cut & paste here-----

Use WUB interface or edit WUB.ini (using a UNICODE compatible Notepad/similar/better plain text/ASCII editor) to add/disable/enable Windows services [up to 25] (example): <http://www.thewindowsclub.com/windows-update-blocker/>
Add these 3 newly introduced MS Edge services to your WUB.ini to make sure they will remain disabled upon every Windows (re)boot/(re)start (example):

-----snippity-snip-----

```
[Service_List]
; 2=Auto
; 3=Manual
; 4=Disabled
MicrosoftEdgeElevationService=3,4
edgeupdate=3,4
edgeupdatem=3,4
```

-----snippity-snip-----

WUB.ini is the WUB configuration file (plain text/ASCII, UNICODE encoded), and contains all its settings.

WUB.ini is located in the same directory/folder as its parent executable(s): Wub.exe (32-bit) +/- Wub_x64.exe (64-bit).

Add this entry to your HKEY_LOCAL_MACHINE (HKLM) machine/system wide/all users registry "Run" subkey (example):

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer <http://www.mdgx.com/toy.htm#TXT> to create a plain text Registry file containing the lines between Cut & Paste delimiters below -> save it as plain text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click it -> Run as Administrator -> answer Yes/OK to all prompts to register/merge/import its information into your registry.

-----Begin cut & paste here-----

```
REGEDIT4
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Run]
"WUB"="\C:\TOOLS_10\Wub_x64.exe" /D /P"
;
```

-----End cut & paste here-----

Wub_x64.exe (64-bit) = only for Windows 10/11 64-bit (x64).
If using Windows 10/11 32-bit (x86) = use Wub.exe (32-bit) instead.
In this example Wub_x64.exe is located in the C:\TOOLS_10 directory/folder. Replace C:\TOOLS_10 with your WUB directory/folder name (+ drive/partition/volume letter if other than C) = notice the double backslash [\\] necessary in registry (.reg) files for drive/partition/volume letters + (sub)directory/(sub)folder names demarcation.

See "REG Files" section under "Comprehensive Windows Registry Guide" [Intro Chapter] in REGISTRY.XT (included) for more details:

<http://www.mdgx.com/reg.htm#RF>

Next step:

Uninstall + remove (or disable) Edge web browser using DOS (CMD) console commands + "Uninstall Edge.cmd" batch file script:

<http://www.winaero.com/how-to-uninstall-and-remove-edge-browser-in-windows-10/>
Download "Uninstall Edge.cmd" [ZIP file]:

<http://www.winaero.com/download.php?view.1835>

Right-click CMD shortcut/CMD.EXE -> Run as Administrator -> run this command (depending on your Windows 10

build/edition/release/update/version) -> press Enter:

C:\Program Files (x86)\Microsoft\Edge\Application\83.0.478.58\Installer\setup.exe --uninstall --system-level --verbose-logging --force-uninstall

OR right-click PowerShell shortcut or C:\WINDOWS\SYSTEM32\WindowsPowerShell\v1.0\PowerShell.exe [default location in Windows

10/11] -> Run as Administrator -> run this command -> press Enter:

PowerShell.exe -ExecutionPolicy Unrestricted

Then from within the PowerShell console run one of these commands (depending on your Windows 10

build/edition/release/update/version) -> press Enter after each line:

Get-AppXPackage Microsoft.MicrosoftEdge_20.10240.16384.0_neutral__8wekyb3d8bbwe

| Remove-AppXPackage

Get-AppXPackage *edge* | Remove-AppXPackage

Get-AppXPackage *Microsoft.MicrosoftEdge* | Remove-AppXPackage

Get-AppXPackage *Microsoft.MicrosoftEdge.Beta* | Remove-AppXPackage

Get-AppXPackage *Microsoft.MicrosoftEdge.Canary* | Remove-AppXPackage

Get-AppXPackage *Microsoft.MicrosoftEdgeDevToolsClient* | Remove-AppXPackage

More info:

<http://www.tenforums.com/tutorials/4689-uninstall-apps-windows-10-a.html#option3>

Rename Edge executable [MicrosoftEdge.exe] to something else (example): right-click CMD shortcut/CMD.EXE -> Run as

Administrator -> run all these commands in this order -> press Enter after each line:

TASKKILL.EXE /IM elevation_service.exe /F /T

TASKKILL.EXE /IM MicrosoftEdgeUpdate.exe /F /T

TASKKILL.EXE /IM LaunchWinApp.exe /F /T

TASKKILL.EXE /IM MicrosoftEdge.exe /F /T

TASKKILL.EXE /IM MicrosoftEdgeBCHost.exe /F /T

TASKKILL.EXE /IM MicrosoftEdgeCP.exe /F /T

TASKKILL.EXE /IM MicrosoftEdgeDevTools.exe /F /T

TASKKILL.EXE /IM MicrosoftEdgeSH.exe /F /T

TASKKILL.EXE /IM msedge.exe /F /T

TAKEOWN.EXE /f "%WinDir%\SystemApps\Microsoft.MicrosoftEdge_8wekyb3d8bbwe" /r /d

ICACLS.EXE "%WinDir%\SystemApps\Microsoft.MicrosoftEdge_8wekyb3d8bbwe" /grant:r %UserName%:F /t /c /q

REN "%WinDir%\SystemApps\Microsoft.MicrosoftEdge_8wekyb3d8bbwe\MicrosoftEdge.exe" MicrosoftEdge.OLD

ICACLS.EXE:

<http://www.ss64.com/nt/icacls.html>

<http://learn.microsoft.com/windows-server/administration/windows-commands/icacls/>

<http://adamtheautomator.com/icacls/>

TAKEOWN.EXE:

<http://www.ss64.com/nt/takeown.html>

<http://learn.microsoft.com/windows-server/administration/windows-commands/takeown/>

Choices... choices... free(ware) tools to block/disable/replace/uninstall Edge:

- Edge Blocker (EdgeBlock.exe 32-bit + EdgeBlock_x64.exe 64-bit) for Windows 10/11:

<http://www.sordum.org/9312/>

File:

<http://www.sordum.org/files/download/edge-blocker/EdgeBlock.zip>

- MSEdgeRedirect for Windows 8.1/10/11 intercepts, redirects + switches all Desktop, Metro, Start, Store, Tiles apps,

feeds/RSS, gadgets, maps, news, search, widgets, weather, etc, file extensions (.dhtml, .htm, .html, .php, .xhtml, .xml,

etc), internet/URI schemes/protocols (ftp:, http:, https:, magnet:, mailto:, news:, etc) + URL/URI

addresses/items/links/schemes/shortcuts (.url, .website, etc) forced

(built/hardwired/preset into the operating system) by

Microsoft to open in Edge + forces them to open instead in user's choice custom selected default web browser (if any other than Edge) + to use any user's choice custom selected default search engine other than bing, works from anywhere in the world (including outside Europe/EU/UE):
<http://github.com/rcmaehl/MSEdgeRedirect/>
Download:
<http://github.com/rcmaehl/MSEdgeRedirect/releases/latest/>
More info:
<http://www.ghacks.net/2023/11/18/you-can-remove-edge-and-bing-search-on-windows-11-even-if-you-dont-live-in-europe/>
MDGx "100+ WWW (World Wide Web) Search Engines" [most have enhanced privacy, safety + security]:
<http://www.mdgx.com/links.htm#WSE>
List of URI Schemes:
<http://www.w3.org/wiki/UriSchemes>
- EdgeDeflector for Windows 10/11 intercepts + redirects HTTP(S), Maps, News, Feeds/RSS, Widgets, Weather, etc file extensions (.dhtml, .htm, .html, .php, .xhtml, .xml, etc), internet schemes/protocols (ftp:, http:, https:, magnet:, mailto:, news:, etc) + URL/URI addresses/items/links/schemes/shortcuts (.url, .website, etc) forced (built/hardwired/preset into the operating system) by Microsoft to open in Edge to open instead in user's choice custom selected default web browser (if any other than Edge):
<http://github.com/da2x/EdgeDeflector/>
Download:
<http://github.com/da2x/EdgeDeflector/releases/latest/>
EdgeDeflector Purpose:
<http://www.ctrl.blog/entry/edgedeflector-default-browser.html>
- Firewall App Blocker (FAB) 32-bit + 64-bit for Windows 7/newer allows/blocks inbound + outbound app(lication)s/EXEcutable(s) (.exe)/programs, highly customizable:
<http://www.sordum.org/8125/>
File:
<http://www.sordum.org/files/download/firewall-app-blocker/fab.zip>
MS Edge firewall block rule [Disable_EdgeRule.bat] [ZIP]:
http://www.sordum.org/files/download/firewall-app-blocker/edge_rule.zip
BEWARE:

Newer Windows 10 builds/editions/releases/versions blocked EdgeDeflector + similar Edge browser competitors:
<http://www.ctrl.blog/entry/microsoft-edge-protocol-competition.html>
FIX:

Restore EdgeDeflector + similar Edge browser competitors functionality ->
UNinstall Windows Update KB5007262:
Start button/icon/logo/menu/orb -> Windows Settings [gear icon] -> Update & Security -> Windows Update -> View update history -> Uninstall updates -> highlight/select update KB5007262 -> right-click -> Uninstall -> reboot/restart if needed/prompted.
- Edge Chromium Blocker Toolkit:
<http://www.windowscentral.com/how-prevent-microsoft-edge-chromium-installing-automatically-windows-10/>
File:
http://web.archive.org/web/20210812025623if_/http://msedgeblockertoolkit.blob.core.windows.net/blockertoolkit/MicrosoftEdgeChromiumBlockerToolkit.exe
- Enable/Unlock Chromium Edge disabled/locked features + options using Policy Plus for Windows 7/8/8.1/10/11 (free, open source):
<http://github.com/Fleex255/PolicyPlus/releases/latest/>
<http://www.itechtics.com/best-group-policy-editor-gpedit-msc-alternative-for->

windows/
http://www.majorgeeks.com/files/details/policy_plus.html
- Uninstall + remove Edge web browser from Windows 10/11 using DOS (CMD) console commands + "Uninstall Edge.cmd" batch file script:
<http://www.winaero.com/how-to-uninstall-and-remove-edge-browser-in-windows-10/>
Download "Uninstall Edge.cmd" [ZIP file]:
<http://www.winaero.com/download.php?view.1835>
Disable Edge Updates in the registry:
http://admx.help/?Category=EdgeChromium&Policy=Microsoft.Policies.Update::Pol_DefaultUpdatePolicy
TIP:
Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer
<http://www.mdgx.com/toy.htm#TXT>
to create a plain text Registry file containing the lines between Cut & Paste delimiters below -> save it as plain text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click it -> Run as Administrator -> answer Yes/OK to all prompts to register/merge/import its information into your registry.
-----Begin cut & paste here-----
REGEDIT4
[HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\EdgeUpdate]
"UpdateDefault"=dword:0
;
-----End cut & paste here-----
STRONGLY RECOMMENDED:

In case you decide to keep + use Edge (for whatever reason, personal preference, or being forced due to certain business, contract, employer, enrollment, job, licensing, membership, partnership, proprietary software, services, etc constraints, limitations, requirements, etc) the *least* you can do in order to enhance/improve your privacy, safety + security, and to block/disable/minimize/reduce/stop/turn OFF the ad(vertising)/adware, auditing, fingerprinting, spying, surveillance, tracking, unwanted "offers"/promo(tion)s behind-your-back/disguised/forced/harmful/hidden/intrusive/invasive/subversive/unwanted/without your approval/consent/knowledge/permission compromising/dangerous/dubious/harmful/insecure/malicious/unsafe environment is to install uBlock Origin (uBO) [free, open source add-on/extension for all Chromium based Edge web browsers]
<http://microsoftedge.microsoft.com/addons/detail/odfafepnkmbhccpbejgmiehpchacaek/>
-> *best* ad(ware), scripting, malware, phishing, pop-ups, spyware, tracking, hijacking, dialers, miners, skimmers, social media, video sites, e-mail blocker/filter/remover:
<http://www.cloudwards.net/best-pop-up-blockers/>
OR uBlock Origin Lite (uBOL) [MV3 compliant]:
<http://www.theverge.com/2023/11/16/23964509/>
<http://microsoftedge.microsoft.com/addons/detail/cimighlppcgcoapaliogpjjdehbnofhn/>
uBlock Origin (uBO):
<http://ublockorigin.com/>
uBlock Origin (uBO) repository + source code:
<http://github.com/gorhill/uBlock/>
uBlock Origin (uBO) releases:
<http://github.com/gorhill/uBlock/releases/latest/>
uBlock Origin (uBO) Documentation:
<http://github.com/gorhill/uBlock/?tab=readme-ov-file/#documentation>
Add to uBlock Origin (uBO) -> Filters for blocking mining, pop-ups, resource abuse, embedded URL trackers + anti-adblock bypass -> Install Instructions:

<http://github.com/bogachenko/fuckfuckadblock/wiki/Installation-instruction/>
Examples:

- Filters for blocking pop-ups + anti-adblock bypass:

<https://raw.githubusercontent.com/bogachenko/fuckfuckadblock/master/fuckfuckadblock.txt>

- Filters for blocking browser based miners:

<https://raw.githubusercontent.com/bogachenko/fuckfuckadblock/master/fuckfuckadblock-mining.txt>

- Filters for blocking resource abuse:

<https://raw.githubusercontent.com/uBlockOrigin/uAssets/master/filters/resource-abuse.txt>

- ClearURLs filter for embedded URL trackers:

https://github.com/DandelionSprout/adfilt/raw/master/ClearURLs%20for%20uBo/clear_urls_uboified.txt

Install TamperMonkey add-on/extension:

<http://microsoftedge.microsoft.com/addons/detail/iikmkjmpaadaobahmlepeloendndfphd/>

+ useful privacy/safety/security ad-blocker/anti-malware/anti-phone-home/anti-spyware/anti-surveillance/anti-tracking user

JavaScript (JS) scripts/scriptlets (examples):

- AdGuard Extra (JavaScript):

<http://github.com/AdguardTeam/AdGuardExtra/>

-> Install (JavaScript):

<https://userscripts.adtidy.org/release/adguard-extra/1.0/adguard-extra.user.js>

- Google Unlocked (JavaScript):

<https://raw.githubusercontent.com/Ibit-to/google-unlocked/master/google-unlocked.user.js>

- Anti-Adblock Killer | Reek (JavaScript):

<http://reek.github.io/anti-adblock-killer/>

-> Install (JavaScript):

<https://raw.githubusercontent.com/reek/anti-adblock-killer/master/anti-adblock-killer.user.js>

- AdsBypasser Full Edition (JavaScript):

<http://adsbypasser.github.io/>

-> Install (JavaScript):

<https://adsbypasser.github.io/releases/adsbypasser.full.es7.user.js>

Configure AdsBypasser:

<http://adsbypasser.github.io/configure.html>

FYI:

Custom user (JavaScripts) (JS)/Scriptlets are also supported by uBlock Origin (uBO) add-on/extension:

<http://microsoftedge.microsoft.com/addons/detail/odfafepnkmbhccpbejgmiehpchacaeak/>

Useful privacy, safety + security Chromium based Edge Add-ons/Extensions:

- Ad(ware) Blockers:

<http://microsoftedge.microsoft.com/addons/search/blocker/>

- Anti-Malware:

<http://microsoftedge.microsoft.com/addons/search/malware/>

- Privacy:

<http://microsoftedge.microsoft.com/addons/search/privacy/>

- Protection:

<http://microsoftedge.microsoft.com/addons/search/protection/>

- Safety:

<http://microsoftedge.microsoft.com/addons/search/safety/>

- Security:

<http://microsoftedge.microsoft.com/addons/search/security/>

BEWARE:

Edge web browsers collect, spy, surveil, track + send logged on/signed in members/subscribers/users' unique SID (Security Identifier) + web browser history [URLs (Uniform Resource Locator) = IPs, web addresses]

biometrics/data/fingerprint/information/stats, confidential/identifiable/personal/private/privileged preferences, user choices/options/settings, to Microsoft + Microsoft 3rd

party/affiliated/associated/leased/(sub)contracted/partner/subsidiary
cloud/network/internet/remote domains/servers/sites
behind-your-back/disguised/forced/without your
approval/authorization/consent/knowledge/permission:
<http://ieeexplore.ieee.org/document/9374407/>
<http://winbuzzer.com/2019/07/23/users-raise-privacy-concerns-as-edge-browser-caught-sending-full-urls-and-sid-to-microsoft-xcxwbn/>
http://www.scss.tcd.ie/Doug.Leith/pubs/browser_privacy.pdf
<http://www.slashgear.com/7-reasons-to-stop-using-microsoft-edge-03701116/>
<http://www.whatismyip.com/best-browser-for-privacy/>
<http://www.zdnet.com/article/a-professor-says-edge-is-the-worst-for-privacy-microsoft-isnt-happy/>
<http://www.laptopmag.com/news/edge-fails-browser-security-rankings-but-microsoft-isnt-buying-it/>

RECOMMENDED:

Recommended independent/3rd party free, open source, safe, secure, uncrippled, unlocked, unrestricted, modern web browsers (examples):

<http://www.mdgx.com/nettoys.htm#NET>
MDGx "Free(ware) Windows 9x/NTx Web Browsers" chapter -> "Chromium + Chrome web browsers [free(ware)]" section -> "Chromium + Chrome" topic in SOFTWARE.TXT (included):
<http://www.mdgx.com/nettoys.htm#CHR>

RECOMMENDED:

- Chromium Precompiled EXEcutable [Installer EXE + Portable Archives ZIP/7z] 32-bit + 64-bit for Windows XP/newer 32-bit (x86) + 64-bit (x64):

<http://chromium.woolyss.com/>

Degoogled/Ungoogled/stripped of Google ad(ware)/spyware/surveillance/tracking code Chromium builds [clearly labeled]:

<http://github.com/ungoogled-software/ungoogled-chromium/blob/master/README.md>
<http://ungoogled-software.github.io/ungoogled-chromium-wiki/faq>

Ungoogled Chromium precompiled binaries 32-bit + 64-bit for Windows 7/newer 32-bit (x86) + 64-bit (x64) [75-125 MB, Installer ONLY EXE + Portable ZIP, NEWest at the top]:

<http://ungoogled-software.github.io/ungoogled-chromium-binaries/>

Ungoogled Chromium 64-bit for Windows 7/newer 64-bit (x64):

<http://ungoogled-software.github.io/ungoogled-chromium-binaries/releases/windows/64bit/>

Ungoogled Chromium 32-bit for Windows 7/newer 32-bit (x86):

<http://ungoogled-software.github.io/ungoogled-chromium-binaries/releases/windows/32bit/>

- Brave 32-bit + 64-bit web browser for Windows 7/newer 32-bit (x86) + 64-bit (x64) based on Chromium code [fork] with improved privacy, safety + security and optimized speed:

<http://brave.com/>

Brave Repository:

<http://github.com/brave/brave-browser/>

Download [ZIP = full, Portable]:

<http://github.com/brave/brave-browser/releases/latest/>

- Vivaldi 32-bit + 64-bit web browser for Windows 7/newer 32-bit (x86) + 64-bit (x64) based on Chromium code [fork] with enhanced privacy, safety + security:

<http://vivaldi.com/>

Download [EXE = Installer ONLY]:

<http://vivaldi.com/download/>

Vivaldi Portable -> run Installer EXE -> Install standalone:

<http://help.vivaldi.com/desktop/install-update/standalone-version-of-vivaldi/>

- Thorium 32-bit + 64-bit web browsers for Windows 7/newer 32-bit (x86) + 64-bit (x64) based on Chromium code [fork]

hardware 3D, rendering + video playback optimized:

<http://thorium.rocks/>

Download [ZIP = full, Portable]:

Thorium AVX2 64-bit for Windows 10/newer 64-bit (x64):
<http://github.com/Alex313031/Thorium-Win/releases/latest/>
Thorium AVX 64-bit for Windows 10/newer 64-bit (x64):
<http://github.com/Alex313031/Thorium-Win/releases/latest/>
Thorium SS3 64-bit for Windows 10/newer 64-bit (x64):
<http://github.com/Alex313031/Thorium-SSE3/releases/latest/>
Thorium SSE2 (Win32) 32-bit edition for Windows 7/newer 32-bit (x86) + Thorium SSE3, SSE4, AVX + AVX2 64-bit editions for Windows 7/newer 64-bit (x64):
<http://github.com/Alex313031/thorium-win7/releases/latest/>
Thorium Requirements:
- Multicore CPU: minimum Intel Core 2nd gen or AMD FX with built-in SSE4 (Streaming SIMD Extensions 4),
<http://en.wikipedia.org/wiki/SSE4>
AVX (Advanced Vector Extensions)
http://en.wikipedia.org/wiki/Advanced_Vector_Extensions
+ AES (Advanced Encryption Standard)
http://en.wikipedia.org/wiki/Advanced_Encryption_Standard
enhancements/multimedia extensions/instructions.
- Graphics video controller with 3D rendering + OpenGL capabilities.
Required Windows 7 64-bit (x64) Updates for Thorium 64-bit web browser enhanced hardware + software compatibility/support:
<http://thorium.rocks/win7>
- Windows 7 SP1/2008 R2 64-bit (x64) Servicing Stack Update 2019 KB4490628:
<http://support.microsoft.com/help/4490628/>
Download:
<http://catalog.update.microsoft.com/search.aspx?q=4490628+x64>
- Windows 7 SP1/2008 R2 64-bit (x64) SHA-2 Code Signing Support Update 2019 KB4474419:
<http://support.microsoft.com/help/4474419/>
Download:
<http://catalog.update.microsoft.com/search.aspx?q=4474419+x64>
- Supermium 32-bit + 64-bit web browsers for Windows 7/newer 32-bit (x86) + 64-bit (x64) based on Chromium code [fork] optimized for speed + performance:
<http://www.win32subsystem.live/supermium.html>
Download [EXE = full, Installer +/- ZIP = full, Portable]:
<http://github.com/win32ss/supermium/releases/latest/>
- X-Chromium (X-Launcher) Portable launcher:
<http://www.winpenpack.com/en/download.php?view.1082>
Download [EXE = Installer, full]:
<http://sourceforge.net/projects/winpenpack/files/X-Chromium/releases/>
Either install Chromium precompiled stable releases 32-bit or 64-bit:
<http://chromium.woolyss.com/>
or extract all files from portable archive [zip or 7z] + copy to the destination of your choice Chromium portable stable releases 32-bit or 64-bit to match the Windows NTx [7/newer] operating system(s) [OS(es)]
build/edition/release/update/version + bit strength [32-bit (x86) or 64-bit (x64)] you are using.
All Chromium + Chrome alternatives/derivatives/forks/variants users must have these 3 environment variables:
GOOGLE_API_KEY=NO
GOOGLE_DEFAULT_CLIENT_ID=NO
GOOGLE_DEFAULT_CLIENT_SECRET=NO
Right-click CMD shortcut/CMD.EXE -> Run as Administrator -> run these commands -
> press Enter after each line:
SETX.EXE GOOGLE_API_KEY "NO" /M
SETX.EXE GOOGLE_DEFAULT_CLIENT_ID "NO" /M
SETX.EXE GOOGLE_DEFAULT_CLIENT_SECRET "NO" /M
Google API Keys:
<http://chromium.woolyss.com/#google-api-keys>
<http://www.chromium.org/developers/how-tos/api-keys/>
MDGx "@ Chromium/Chrome/Brave/X-Chromium/Thorium/Vivaldi/Supermium Privacy,

Safety + Security Settings, Extensions, Guides + Solutions:" topic in SOFTWARE.TXT (included):

<http://www.mdgx.com/nettoys.htm#PRV>

MDGx collection of essential + useful Chromium/Chrome extensions + tweaks -> "CHROMIUM" section in TOOLS.TXT (included):

<http://www.mdgx.com/tools.php#:~:text=CHROMIUM%20%5B%2A%5D>

<http://www.mdgx.com/TOOLS.TXT>

Edge support:

<http://microsofedgesupport.microsoft.com/>

Edge vs Chromium/Chrome:

<http://www.lifewire.com/microsoft-edge-4689177/>

<http://beebom.com/microsoft-edge-vs-google-chrome/>

<http://www.laptopmag.com/news/google-chrome-vs-microsoft-edge-which-browser-is-best/>

* Turn OFF Edge + Internet Explorer (IE) web browsers Operating System (OS) integration level

take-over/unwanted/unnecessary/unsafe control/grip:

<http://admx.help/?>

Category=EdgeChromium&Policy=Microsoft.Policies.Edge::InternetExplorerIntegrationLevel

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer

<http://www.mdgx.com/toy.htm#TXT>

to create a plain text Registry file containing the lines between Cut & Paste delimiters below -> save it as plain

text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click

it -> Run as Administrator -> answer Yes/OK

to all prompts to register/merge/import its information into your registry.

-----Begin cut & paste here-----

REGEDIT4

[HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Edge]

"InternetExplorerIntegrationLevel"=dword:0

"InternetExplorerIntegrationSiteList"=""

; WOW6432Node registry subkey exists only in Windows NTx 64-bit (x64):

[HKEY_LOCAL_MACHINE\SOFTWARE\WOW6432Node\Policies\Microsoft\Edge]

"InternetExplorerIntegrationLevel"=dword:0

"InternetExplorerIntegrationSiteList"=""

[HKEY_CURRENT_USER\Software\Policies\Microsoft\Edge]

"InternetExplorerIntegrationLevel"=dword:0

"InternetExplorerIntegrationSiteList"=""

[HKEY_USERS\.DEFAULT\Software\Policies\Microsoft\Edge]

"InternetExplorerIntegrationLevel"=dword:0

"InternetExplorerIntegrationSiteList"=""

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\MicrosoftEdge]

"OSIntegrationLevel"=dword:0

; WOW6432Node registry subkey exists only in Windows NTx 64-bit (x64):

[HKEY_LOCAL_MACHINE\SOFTWARE\WOW6432Node\Microsoft\Windows\CurrentVersion\

MicrosoftEdge]

"OSIntegrationLevel"=dword:0

[HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\MicrosoftEdge]

"OSIntegrationLevel"=dword:0

[HKEY_USERS\.DEFAULT\Software\Microsoft\Windows\CurrentVersion\MicrosoftEdge]

"OSIntegrationLevel"=dword:0

;

-----End cut & paste here-----

* Turn OFF Edge web browser running hidden/invisible/unknowingly in the background automatic/unattended

behind-your-back/disguised/forced/harmful/hidden/intrusive/invasive/subversive/unwanted/without your

approval/consent/knowledge/permission Internet Explorer (IE) Edge tab, IE smiley button + Edge Desktop shortcut creation:

<http://www.howtogeek.com/397718/how-to-prevent-microsoft-edge-from-preloading->

on-windows-10/

<http://www.appuals.com/how-to-disable-microsoft-edge-browser/>

<http://www.ghacks.net/2019/02/11/block-microsoft-edge-from-running-in-the-background-on-windows-10/>

<http://admx.help/HKLM/Software/Policies/Microsoft/MicrosoftEdge/Main>

<http://admx.help/>

Category=Windows_10_2016&Policy=Microsoft.Policies.MicrosoftEdge::AllowAddressBarDropdown

<http://www.winaero.com/blog/edge-button-internet-explorer-windows-10/>

<http://www.winaero.com/blog/smiley-button-internet-explorer-windows-10/>

<http://eddiejackson.net/wp/?p=29198>

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer

<http://www.mdgx.com/toy.htm#TXT>

to create a plain text Registry file containing the lines between Cut & Paste delimiters below -> save it as plain

text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click it -> Run as Administrator -> answer Yes/OK

to all prompts to register/merge/import its information into your registry.

-----Begin cut & paste here-----

REGEDIT4

[HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\MicrosoftEdge\Main]

"AllowPrelaunch"=dword:0

"PreventLiveTileDataCollection"=dword:1

"SyncFavoritesBetweenIEAndMicrosoftEdge"=dword:0

"PreventFirstRunPage"=dword:1

[HKEY_CURRENT_USER\Software\Policies\Microsoft\MicrosoftEdge\Main]

"AllowPrelaunch"=dword:0

"PreventLiveTileDataCollection"=dword:1

"SyncFavoritesBetweenIEAndMicrosoftEdge"=dword:0

"PreventFirstRunPage"=dword:1

[HKEY_USERS\.DEFAULT\Software\Policies\Microsoft\MicrosoftEdge\Main]

"AllowPrelaunch"=dword:0

"PreventLiveTileDataCollection"=dword:1

"SyncFavoritesBetweenIEAndMicrosoftEdge"=dword:0

"PreventFirstRunPage"=dword:1

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Internet Explorer\Main]

"HideNewEdgeButton"=dword:1

[HKEY_CURRENT_USER\Software\Microsoft\Internet Explorer\Main]

"HideNewEdgeButton"=dword:1

[HKEY_USERS\.DEFAULT\Software\Microsoft\Internet Explorer\Main]

"HideNewEdgeButton"=dword:1

[HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\MicrosoftEdge\TabPreloader]

"AllowTabPreloading"=dword:0

"PreventLiveTileDataCollection"=dword:1

[HKEY_CURRENT_USER\Software\Policies\Microsoft\MicrosoftEdge\TabPreloader]

"AllowTabPreloading"=dword:0

"PreventLiveTileDataCollection"=dword:1

[HKEY_USERS\.DEFAULT\Software\Policies\Microsoft\MicrosoftEdge\TabPreloader]

"AllowTabPreloading"=dword:0

"PreventLiveTileDataCollection"=dword:1

[HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Internet Explorer\Restrictions]

"NoHelpItemSendFeedback"=dword:1

[HKEY_CURRENT_USER\Software\Policies\Microsoft\Internet Explorer\Restrictions]

"NoHelpItemSendFeedback"=dword:1

[HKEY_USERS\.DEFAULT\Software\Policies\Microsoft\Internet Explorer\Restrictions]

"NoHelpItemSendFeedback"=dword:1

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer]

"DisableAppInstallsOnFirstLogon"=dword:1

"DisableResolveStoreCategories"=dword:1

"EarlyAppResolverStart"=dword:0

"DisableEdgeDesktopShortcutCreation"=dword:1

"DisplayToastAtBottom"=dword:0

"EdgeDesktopShortcutCreated"=dword:0

```
"ExplorerStartupTraceRecorded"=dword:0
"TelemetrySalt"=dword:0
;
```

-----End cut & paste here-----

* Turn OFF annoying + obsolete data collection, spying + tracking Microsoft Defender SmartScreen (Windows 8/newer) + Phishing Filter(s) (Windows 7/newer) so-called protection "features" for built-in/default Edge + Internet Explorer (IE) web browsers in Windows 7/newer:
http://www.codecguide.com/smartscreen_bypass.htm
<http://www.winaero.com/blog/disable-smartscreen-windows-10-creators-update/>
<http://winbuzzer.com/2020/11/23/how-to-disable-smartscreen-in-windows-10-xcxwbt/>
<http://www.tenforums.com/tutorials/5593-turn-off-smartscreen-apps-files-web-windows-10-a-3.html>
<http://www.eightforums.com/threads/windows-smartscreen-turn-on-or-off-in-windows-8.2631/>
<http://sourcedaddy.com/windows-7/how-configure-smart-screen-options.html>
<http://www.digitalcitizen.life/how-disable-or-enable-smartscreen-filter-internet-explorer-or-windows-8/>
<http://www.partitionwizard.com/partitionmagic/what-is-smartscreen.html>
http://en.wikipedia.org/wiki/Microsoft_SmartScreen#SmartScreen_in_Windows

BEWARE:

- SmartScreen Phishing Filter collects + sends uniquely identifiable user biometrics/data/fingerprint/information/stats to Microsoft servers:

<http://www.wsws.org/en/articles/2005/09/micr-s17.html>

"Some info is sent to Microsoft about files and apps you run on this PC."

<http://www.isunshare.com/images/article/windows-10/change-windows-smartscreen-settings-in-windows-10/choose-windows-smartscreen-setting.png>

- Edge web browsers collect, spy, surveil, track + send logged on/signed in members/subscribers/users' unique SID (Security Identifier) + web browser history [URLs (Uniform Resource Locator) = IPs, web addresses]

biometrics/data/fingerprint/information/stats, confidential/identifiable/personal/private/privileged preferences, user choices/options/settings, to Microsoft + Microsoft 3rd party/affiliated/associated/leased/(sub)contracted/partner/subsidiary cloud/network/internet/remote domains/servers/sites behind-your-back/disguised/forced/without your approval/authorization/consent/knowledge/permission:

<http://ieeexplore.ieee.org/document/9374407/>

<http://winbuzzer.com/2019/07/23/users-raise-privacy-concerns-as-edge-browser-caught-sending-full-urls-and-sid-to-microsoft-xcxwbn/>

http://www.scss.tcd.ie/Doug.Leith/pubs/browser_privacy.pdf

<http://www.slashgear.com/7-reasons-to-stop-using-microsoft-edge-03701116/>

<http://www.whatismyip.com/best-browser-for-privacy/>

<http://www.zdnet.com/article/a-professor-says-edge-is-the-worst-for-privacy-microsoft-isnt-happy/>

<http://www.laptopmag.com/news/edge-fails-browser-security-rankings-but-microsoft-isnt-buying-it/>

RECOMMENDED:

Replace Edge + IE with a modern, safe, secure, unlocked, uncrippled, without so many security flaws/vulnerabilities, hard-to-disable, unwanted ad(vertisement)s/"offers", spyware, surveillance, tracking, annoyances, limitations, restrictions, behind-your-back/disguised/forced/harmful/hidden/intrusive/invasive/subversive/unwanted/without your approval/consent/knowledge/permission data collection/logging, telemetry/"phone home", tracking free web browser (examples)
-> see "Internet + Web Browsers Tweaks, Fixes + Tools" chapter in WINDOWS7.TXT (included),

<http://www.mdgx.com/7.php#:~:text=Internet%20%2B%20Web%20Browsers%20Tweaks%2C%20Fixes%20%2B%20Tools%20%5BChromium%2FChrome%2C%20Firefox>
respectively these 2 sections:
- "* Chromium/Chrome:"
<http://www.mdgx.com/7.php#:~:text=%2A%20Chromium%2FChrome%3A>
- "* Firefox:"
<http://www.mdgx.com/7.php#:~:text=%2A%20Firefox%3A>
Best examples of modern, with better privacy features, more secure, highly customizable, free web browsers in SOFTWARE.TXT
(included):
- MDGx "Free(ware) Windows 9x/NTx Web Browsers" chapter -> "Chromium + Chrome web browsers [free(ware)]" section -> "Chromium + Chrome" topic:
<http://www.mdgx.com/nettoys.htm#CHR>
- MDGx "Free(ware) Windows 9x/NTx Web Browsers" chapter -> "Internet Power Toys: Firefox [free(ware)]" section -> "Firefox" topic:
<http://www.mdgx.com/nettoys.htm#MOZ>
Chromium/Chrome builds/derivatives/forks/variants:
- Chromium Precompiled EXEcutable [Installer EXE + Portable Archives ZIP/7z] 32-bit + 64-bit for Windows XP/newer 32-bit (x86) + 64-bit (x64):
<http://chromium.woolyss.com/>
Degoogled/Ungoogled/striped of Google ad(ware)/spyware/surveillance/tracking code Chromium builds [clearly labeled]:
<http://github.com/ungoogled-software/ungoogled-chromium/blob/master/README.md>
<http://ungoogled-software.github.io/ungoogled-chromium-wiki/faq>
Ungoogled Chromium precompiled binaries 32-bit + 64-bit for Windows 7/newer 32-bit (x86) + 64-bit (x64) [75-125 MB, Installer ONLY EXE + Portable ZIP, NEWest at the top]:
<http://ungoogled-software.github.io/ungoogled-chromium-binaries/>
Ungoogled Chromium 64-bit for Windows 7/newer 64-bit (x64):
<http://ungoogled-software.github.io/ungoogled-chromium-binaries/releases/windows/64bit/>
Ungoogled Chromium 32-bit for Windows 7/newer 32-bit (x86):
<http://ungoogled-software.github.io/ungoogled-chromium-binaries/releases/windows/32bit/>
- Brave 32-bit + 64-bit web browser for Windows 7/newer 32-bit (x86) + 64-bit (x64) based on Chromium code [fork] with improved privacy, safety + security and optimized speed:
<http://brave.com/>
Brave Repository:
<http://github.com/brave/brave-browser/>
Download [ZIP = full, Portable]:
<http://github.com/brave/brave-browser/releases/latest/>
- Vivaldi 32-bit + 64-bit web browser for Windows 7/newer 32-bit (x86) + 64-bit (x64) based on Chromium code [fork] with enhanced privacy, safety + security:
<http://vivaldi.com/>
Download [EXE = Installer ONLY]:
<http://vivaldi.com/download/>
Vivaldi Portable -> run Installer EXE -> Install standalone:
<http://help.vivaldi.com/desktop/install-update/standalone-version-of-vivaldi/>
- Thorium 32-bit + 64-bit web browsers for Windows 7/newer 32-bit (x86) + 64-bit (x64) based on Chromium code [fork] hardware 3D, rendering + video playback optimized:
<http://thorium.rocks/>
Download [ZIP = full, Portable]:
Thorium AVX2 64-bit for Windows 10/newer 64-bit (x64):
<http://github.com/Alex313031/Thorium-Win/releases/latest/>
Thorium AVX 64-bit for Windows 10/newer 64-bit (x64):
<http://github.com/Alex313031/Thorium-Win/releases/latest/>
Thorium SS3 64-bit for Windows 10/newer 64-bit (x64):
<http://github.com/Alex313031/Thorium-SSE3/releases/latest/>

Thorium SSE2 (Win32) 32-bit edition for Windows 7/newer 32-bit (x86) + Thorium SSE3, SSE4, AVX + AVX2 64-bit editions for Windows 7/newer 64-bit (x64):
<http://github.com/Alex313031/thorium-win7/releases/latest/>
Thorium Requirements:
- Multicore CPU: minimum Intel Core 2nd gen or AMD FX with built-in SSE4 (Streaming SIMD Extensions 4),
<http://en.wikipedia.org/wiki/SSE4>
AVX (Advanced Vector Extensions)
http://en.wikipedia.org/wiki/Advanced_Vector_Extensions
+ AES (Advanced Encryption Standard)
http://en.wikipedia.org/wiki/Advanced_Encryption_Standard
enhancements/multimedia extensions/instructions.
- Graphics video controller with 3D rendering + OpenGL capabilities.
Required Windows 7 64-bit (x64) Updates for Thorium 64-bit web browser enhanced hardware + software compatibility/support:
<http://thorium.rocks/win7>
- Windows 7 SP1/2008 R2 64-bit (x64) Servicing Stack Update 2019 KB4490628:
<http://support.microsoft.com/help/4490628/>
Download:
<http://catalog.update.microsoft.com/search.aspx?q=4490628+x64>
- Windows 7 SP1/2008 R2 64-bit (x64) SHA-2 Code Signing Support Update 2019 KB4474419:
<http://support.microsoft.com/help/4474419/>
Download:
<http://catalog.update.microsoft.com/search.aspx?q=4474419+x64>
- Supermium 32-bit + 64-bit web browsers for Windows 7/newer 32-bit (x86) + 64-bit (x64) based on Chromium code [fork] optimized for speed + performance:
<http://www.win32subsystem.live/supermium.html>
Download [EXE = full, Installer +/- ZIP = full, Portable]:
<http://github.com/win32ss/supermium/releases/latest/>
- X-Chromium (X-Launcher) Portable launcher:
<http://www.winpenpack.com/en/download.php?view.1082>
Download [EXE = Installer, full]:
<http://sourceforge.net/projects/winpenpack/files/X-Chromium/releases/>
Either install Chromium precompiled stable releases 32-bit or 64-bit:
<http://chromium.woolyss.com/>
or extract all files from portable archive [zip or 7z] + copy to the destination of your choice Chromium portable stable releases 32-bit or 64-bit to match the Windows NTx [7/newer] operating system(s) [OS(es)]
build/edition/release/update/version + bit strength [32-bit (x86) or 64-bit (x64)] you are using.
All Chromium + Chrome alternatives/derivatives/forks/variants users must have these 3 environment variables:
GOOGLE_API_KEY=NO
GOOGLE_DEFAULT_CLIENT_ID=NO
GOOGLE_DEFAULT_CLIENT_SECRET=NO
Right-click CMD shortcut/CMD.EXE -> Run as Administrator -> run these commands -> press Enter after each line:
SETX.EXE GOOGLE_API_KEY "NO" /M
SETX.EXE GOOGLE_DEFAULT_CLIENT_ID "NO" /M
SETX.EXE GOOGLE_DEFAULT_CLIENT_SECRET "NO" /M
Google API Keys:
<http://chromium.woolyss.com/#google-api-keys>
<http://www.chromium.org/developers/how-tos/api-keys/>
MDGx "@ Chromium/Chrome/Brave/X-Chromium/Thorium/Vivaldi/Supermium Privacy, Safety + Security Settings, Extensions, Guides + Solutions:" topic in SOFTWARE.TXT (included):
<http://www.mdgx.com/nettoys.htm#PRV>
MDGx collection of essential + useful Chromium/Chrome extensions + tweaks -> "CHROMIUM" section in TOOLS.TXT (included):
<http://www.mdgx.com/tools.php#:~:text=CHROMIUM%20%5B%2A%5D>

<http://www.mdgx.com/TOOLS.TXT>
Firefox builds/derivatives/forks/variants:
<http://www.mdgx.com/nettoys.htm#MOZ>
MDGx "@ Firefox/TOR Browser/Mercury/Waterfox/Pale Moon/LibreWolf Privacy, Safety + Security Settings, Add-ons, Guides + Solutions:" topic in SOFTWARE.TXT (included):
<http://www.mdgx.com/nettoys.htm#PSF>

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer

<http://www.mdgx.com/toy.htm#TXT>

to create a plain text Registry file containing the lines between Cut & Paste delimiters below -> save it as plain text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click it -> Run as Administrator -> answer Yes/OK

to all prompts to register/merge/import its information into your registry.

-----Begin cut & paste here-----

REGEDIT4

[HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows\System]

"EnableSmartScreen"=dword:0

[HKEY_CURRENT_USER\Software\Policies\Microsoft\Windows\System]

"EnableSmartScreen"=dword:0

[HKEY_USERS\.DEFAULT\Software\Policies\Microsoft\Windows\System]

"EnableSmartScreen"=dword:0

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Policies\System]

"EnableSmartScreen"=dword:0

[HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Policies\System]

"EnableSmartScreen"=dword:0

[HKEY_USERS\.DEFAULT\Software\Microsoft\Windows\CurrentVersion\Policies\System]

"EnableSmartScreen"=dword:0

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer]

"SmartScreenEnabled"="Off"

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Internet Explorer\PhishingFilter]

"ShownVerifyBalloon"=dword:3

"Enabled"=dword:0

"EnabledV8"=dword:0

"EnabledV9"=dword:0

"PreventOverride"=dword:0

"PreventOverrideAppRepUnknown"=dword:0

[HKEY_CURRENT_USER\Software\Microsoft\Internet Explorer\PhishingFilter]

"ShownVerifyBalloon"=dword:3

"Enabled"=dword:0

"EnabledV8"=dword:0

"EnabledV9"=dword:0

"PreventOverride"=dword:0

"PreventOverrideAppRepUnknown"=dword:0

[HKEY_USERS\.DEFAULT\Software\Microsoft\Internet Explorer\PhishingFilter]

"ShownVerifyBalloon"=dword:3

"Enabled"=dword:0

"EnabledV8"=dword:0

"EnabledV9"=dword:0

"PreventOverride"=dword:0

"PreventOverrideAppRepUnknown"=dword:0

[HKEY_CLASSES_ROOT\Local Settings\Software\Microsoft\Windows\CurrentVersion\

AppContainer\Storage\microsoft.microsoftedge_8wekyb3d8bbwe\MicrosoftEdge\

PhishingFilter]

"ShownVerifyBalloon"=dword:3

"Enabled"=dword:0

"EnabledV8"=dword:0

"EnabledV9"=dword:0

"PreventOverride"=dword:0

"PreventOverrideAppRepUnknown"=dword:0

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\AppHost]

"EnableWebContentEvaluation"=dword:0

[HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\AppHost]

```
"EnableWebContentEvaluation"=dword:0
[HKEY_USERS\.DEFAULT\Software\Microsoft\Windows\CurrentVersion\AppHost]
"EnableWebContentEvaluation"=dword:0
;
```

-----End cut & paste here-----

* Turn OFF "suggested" sites in Edge + Internet Explorer (IE) web browsers, turn OFF/disable Cortana in Edge, customize Edge
+ Internet Explorer (IE) tabs/Tabbed Browsing + replace Edge + Internet Explorer (IE)

built-in/default/forced/hardwired/locked/preset Bing (MSN, Microsoft, Live, Microsoft Start) start page(s) + search engine(s)
with better, safer, enhanced privacy, more secure alternatives with less hard-to-disable/hard-to-find/hidden, unwanted

ad(vertisement)s/"offers", spyware, annoyances, forced/behind-your-back data collection/logging, telemetry/"phone home", surveillance, tracking (examples):

<http://www.mdgx.com/links.htm#WSE>

BEWARE:

Edge web browsers collect, spy, surveil, track + send logged on/signed in members/subscribers/users' unique SID (Security Identifier) + web browser history [URLs (Uniform Resource Locator) = IPs, web addresses]

biometrics/data/fingerprint/information/stats,
confidential/identifiable/personal/private/privileged preferences, user choices/options/settings, to Microsoft + Microsoft 3rd party/affiliated/associated/leased/(sub)contracted/partner/subsidiary cloud/network/internet/remote domains/servers/sites behind-your-back/disguised/forced/without your approval/authorization/consent/knowledge/permission:

<http://ieeexplore.ieee.org/document/9374407/>

<http://winbuzzer.com/2019/07/23/users-raise-privacy-concerns-as-edge-browser-caught-sending-full-urls-and-sid-to-microsoft-cxcwbn/>

http://www.scss.tcd.ie/Doug.Leith/pubs/browser_privacy.pdf

<http://www.slashgear.com/7-reasons-to-stop-using-microsoft-edge-03701116/>

<http://www.whatismyip.com/best-browser-for-privacy/>

<http://www.zdnet.com/article/a-professor-says-edge-is-the-worst-for-privacy-microsoft-isnt-happy/>

<http://www.laptopmag.com/news/edge-fails-browser-security-rankings-but-microsoft-isnt-buying-it/>

In this example I have selected Neocities [<http://searx.neocities.org/>] as default search engine. You can change to any other according to your needs/preferences -> see MDGx "100+ WWW (World Wide Web) Search Engines" [most have enhanced privacy, safety + security]:

<http://www.mdgx.com/links.htm#WSE>

See also MDGx "* Turn OFF/Disable/Opt OUT of/Stop for Profit Web Sites + Social Media Invading Your Privacy + Enhance Safety + Security:" section in WINDOWS7.TXT (included):

<http://www.mdgx.com/7.php#:~:text=Turn%20OFF%2FDisable%2FOpt%20OUT%20of%2FStop%20for%20Profit%20Web%20Sites%20%2B%20Social%20Media%20Invading%20Your%20Privacy%20%2B%20Enhance%20Safety%20%2B%20Security>

<http://www.mdgx.com/WINDOWS7.TXT>

and its privacy, safety + security topics for specific search engines:

All these WWW (World Wide Web) search engines, some of whom have by default/preconfigured/preinstalled/out-of-the-box

enhanced anonymity/pseudonymity, privacy, safety + security

features/functions/properties/protocols -> see below:

- "@ Google search, (geo)location tracking, data, history, e-mail (Gmail), notifications + apps:"

- "@ YouTube (YT) [videos hosted by Google]:"

- "@ Bing Search, Live, Microsoft, MSN + Related/Shared Accounts, Services + Apps [owned by Microsoft]:"

- "@ Yahoo! (Y!) Search, Yahoo! Mail + Yahoo! News:"
- "@ DuckDuckGo (DDG) Search, Privacy Essentials + E-mail Protection:"
- "@ SearXNG Metasearch:"
- "@ SearX Metasearch:"
- "@ Startpage Search + Privacy Protection Add-on + Extension:"
- "@ Brave Search:"
- "@ Qwant Search:"

from the "Digital + Internet/Online Privacy, Safety + Security" chapter in WINDOWS7.TXT (included):

<http://www.mdgx.com/7.php#:~:text=Digital%20%2B%20Internet%2FOnline%20Privacy%2C%20Safety%20%2B%20Security%20%3D%20Your%20Top%20Priority>

References:

<http://admx.help/HKCU/Software/Policies/Microsoft/MicrosoftEdge>

<http://www.howtogeek.com/221709/how-to-change-your-default-search-engine-in-microsoft-edge/>

<http://admx.help/HKCU/Software/Policies/Microsoft/Internet%20Explorer/TabbedBrowsing>

<http://admx.help/?>

Category=Windows_10_2016&Policy=Microsoft.Policies.MicrosoftEdge::AllowSearchEngineCustomization

<http://stackoverflow.com/questions/30769921/>

http://renenyffenegger.ch/notes/Windows/registry/tree/HKEY_CURRENT_USER/Software/Microsoft/Windows/CurrentVersion/Explorer/Advanced/index#reg-no-edge-tabs

<http://admx.help/?>

Category=Windows_10_2016&Policy=Microsoft.Policies.Multitasking::BrowserAltTabBlowout

<http://www.ntkernel.com/microsoft-edge-protectedhomepages/>

<http://www.itstillworks.com/change-bing-google-12283088.html>

<http://smallbusiness.chron.com/change-bing-google-70809.html>

<http://www.howtogeek.com/709072/how-to-switch-to-duckduckgo-a-private-search-engine/>

<http://www.howtogeek.com/710128/what-is-duckduckgo-meet-the-google-alternative-for-privacy/>

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer

<http://www.mdgx.com/toy.htm#TXT>

to create a plain text Registry file containing the lines between Cut & Paste delimiters below -> save it as plain

text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click it -> Run as Administrator -> answer Yes/OK

to all prompts to register/merge/import its information into your registry.

-----Begin cut & paste here-----

REGEDIT4

; Neocities random SearXNG Metasearch Redirector [<http://searx.neocities.org/>] used in this example:

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Internet Explorer\Main]

"Default_Search_URL"="http://searx.neocities.org/"

"Default_Page_URL"="http://searx.neocities.org/"

"Start Page"="http://searx.neocities.org/"

"Search Page"="http://searx.neocities.org/"

"First Home Page"="http://searx.neocities.org/"

[HKEY_CURRENT_USER\Software\Microsoft\Internet Explorer\Main]

"Default_Search_URL"="http://searx.neocities.org/"

"Default_Page_URL"="http://searx.neocities.org/"

"Start Page"="http://searx.neocities.org/"

"Search Page"="http://searx.neocities.org/"

"First Home Page"="http://searx.neocities.org/"

[HKEY_USERS\DEFAULT\Software\Microsoft\Internet Explorer\Main]

"Default_Search_URL"="http://searx.neocities.org/"

"Default_Page_URL"="http://searx.neocities.org/"

"Start Page"="http://searx.neocities.org/"

"Search Page"="http://searx.neocities.org/"

"First Home Page"="http://searx.neocities.org/"


```

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Internet Explorer\Suggested Sites]
"Enabled"=dword:0
"DataStreamEnabledState"=dword:0
[HKEY_CURRENT_USER\SOFTWARE\Microsoft\Internet Explorer\Suggested Sites]
"Enabled"=dword:0
"DataStreamEnabledState"=dword:0
[HKEY_USERS\.DEFAULT\SOFTWARE\Microsoft\Internet Explorer\Suggested Sites]
"Enabled"=dword:0
"DataStreamEnabledState"=dword:0
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Internet Explorer\TabbedBrowsing]
"WarnOnClose"=dword:0
"NewTabPageShow"=dword:0
[HKEY_CURRENT_USER\SOFTWARE\Microsoft\Internet Explorer\TabbedBrowsing]
"WarnOnClose"=dword:0
"NewTabPageShow"=dword:0
[HKEY_USERS\.DEFAULT\SOFTWARE\Microsoft\Internet Explorer\TabbedBrowsing]
"WarnOnClose"=dword:0
"NewTabPageShow"=dword:0
[HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows\Explorer]
"DisableSearchBoxSuggestions"=dword:1
"MultiTaskingAltTabFilter"=dword:4
[HKEY_CURRENT_USER\Software\Policies\Microsoft\Windows\Explorer]
"DisableSearchBoxSuggestions"=dword:1
"MultiTaskingAltTabFilter"=dword:4
[HKEY_USERS\.DEFAULT\Software\Policies\Microsoft\Windows\Explorer]
"DisableSearchBoxSuggestions"=dword:1
"MultiTaskingAltTabFilter"=dword:4
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\Local Settings\Software\Microsoft\Windows\
CurrentVersion\AppContainer\Storage\microsoft.microsoftedge_8wekyb3d8bbwe\
MicrosoftEdge\Main]
"ShowSearchSuggestionsGlobal"=dword:0
"ShowSearchSuggestionsGlobal_TIMESTAMP"=hex:00
"HomeButtonPage"="http://searx.neocities.org/"
"HomeButtonEnabled"=dword:1
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\Local Settings\Software\Microsoft\Windows\
CurrentVersion\AppContainer\Storage\microsoft.microsoftedge_8wekyb3d8bbwe\
MicrosoftEdge\OnlineHistory]
"MuidBing"=""
"MuidBingCounter"=dword:0
"MuidMsn"=""
"MuidMsnCounter"=dword:0
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\Local Settings\Software\Microsoft\Windows\
CurrentVersion\AppContainer\Storage\microsoft.microsoftedge_8wekyb3d8bbwe\
MicrosoftEdge\PhishingFilter]
"PreventOverride"=dword:0
; FYI: According to my knowledge and understanding:
; (¶) You (Microsoft corporation, and all its third parties, affiliates,
associates, branches, brands, companies, divisions,
; entities, holders, parents, participants, partners, subsidiaries, etc) are in
violation of the United States of America
; (U. S. A.) Department of Justice (DOJ) legal verdict, the United States
District Court, District of Columbia (DC), Civil
; Action No. 98-1232, as of July 28, 1999, which established beyond reasonable
doubt that web browsers are not Windows
; [quote]:
; "154. In conclusion, the preferences of consumers and the responsive behavior
of software firms demonstrate that Web
; browsers and operating systems are separate products."
; https://www.justice.gov/atr/us-v-microsoft-courts-findings-fact/
; https://en.wikipedia.org/wiki/United_States_v._Microsoft_Corp.
; https://ec.europa.eu/commission/presscorner/detail/en/IP_09_1941/
; https://ec.europa.eu/commission/presscorner/detail/en/IP_13_196/
; https://en.wikipedia.org/wiki/Microsoft_Corp._v._Commission
; https://www.ctrl.blog/entry/microsoft-edge-protocol-competition.html

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; (¶) You (Microsoft corporation, and all its third parties, affiliates,
associates, branches, brands, companies, divisions,
; entities, holders, parents, participants, partners, subsidiaries, etc) are in
violation of the (Free and) Open Source
; Software [(F)OSS] license and usage agreements binding contracts valid world
wide when you attempted to cripple, limit,
; modify, restrict, bundle and/or tie said software applications with the
purpose of limiting, restricting, suppressing your
; paying customers' choices, options and preferences, and using anti-
competitive, deceitful, monopolizing, exclusivist,
; take-over, bundling, tying, unfair, and in certain countries,
federations/unions, territories and/or regions banned or/and
; illegal marketing, monetizing and business practices, strategies and tactics:
Google Chromium web browser [BSD, MIT, LGPL,
; Ms-PL, MPL/GPL/LGPL licenses] source code used for all current builds of
Microsoft Edge web browsers built-in, forced,
; locked, pre-configured, pre-installed, pre-set as default web browser and web
browser core/engine for most local,
; networking, internet/online and remote based app(lication)s, programs,
software, features, file types, links, protocols,
; shortcuts, enrollments, memberships, services, subscriptions, trials,
ad(ware)/spyware/surveillance/tracking, and made
; them, on purpose, unable or very hard to replace with/switch to any
alternative/other/similar web browser/web browser
; core/engine, designed them on purpose to be complicated and confusing, and
(almost) impossible to remove/uninstall and/or
; disable/replace by built-in/standard methods/procedures in all current and new
releases of Microsoft Windows operating
; systems (OSes).
; https://opensource.org/faq/#commercial
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\Local Settings\Software\Microsoft\Windows\
CurrentVersion\AppContainer\Storage\microsoft.microsoftedge_8wekyb3d8bbwe\
MicrosoftEdge\Protected - It is a violation of Windows Policy to modify. See
aka.ms/browserpolicy]
"ProtectedHomepages"=hex:00
"ProtectedSearchScopes"=hex:00
"ProtectedGlobalExtensionSetting"=hex:00
"UADHPNeedToVerify"=dword:0
"UADSPNeedToVerify"=dword:0
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\Local Settings\Software\Microsoft\Windows\
CurrentVersion\AppContainer\Storage\microsoft.microsoftedge_8wekyb3d8bbwe\
MicrosoftEdge\ContinuousBrowsing]
"Enabled"=dword:0
[HKEY_CURRENT_USER\Software\Classes\Local Settings\Software\Microsoft\Windows\
CurrentVersion\AppContainer\Storage\microsoft.microsoftedge_8wekyb3d8bbwe\
MicrosoftEdge\ContinuousBrowsing]
"Enabled"=dword:0
[HKEY_USERS\.DEFAULT\Software\Classes\Local Settings\Software\Microsoft\Windows\
CurrentVersion\AppContainer\Storage\microsoft.microsoftedge_8wekyb3d8bbwe\
MicrosoftEdge\ContinuousBrowsing]
"Enabled"=dword:0
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\Local Settings\Software\Microsoft\Windows\
CurrentVersion\AppContainer\Storage\microsoft.microsoftedge_8wekyb3d8bbwe\
MicrosoftEdge\ServiceUI]
"NewTabPageFlightUrlKind"="http://searx.neocities.org/"
"EnableCortana"=dword:0
[HKEY_CURRENT_USER\Software\Classes\Local Settings\Software\Microsoft\Windows\
CurrentVersion\AppContainer\Storage\microsoft.microsoftedge_8wekyb3d8bbwe\
MicrosoftEdge\ServiceUI]
"NewTabPageFlightUrlKind"="http://searx.neocities.org/"
"EnableCortana"=dword:0
[HKEY_USERS\.DEFAULT\Software\Classes\Local Settings\Software\Microsoft\Windows\
CurrentVersion\AppContainer\Storage\microsoft.microsoftedge_8wekyb3d8bbwe\
MicrosoftEdge\ServiceUI]
```

```

"NewTabPageFlightUrlKind"="http://searx.neocities.org/"
"EnableCortana"=dword:0
[HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\MicrosoftEdge\Protected - It is
a violation of Windows Policy to modify. See aka.ms/browserpolicy]
"AllowSearchEngineCustomization"=dword:0
[HKEY_CURRENT_USER\Software\Policies\Microsoft\MicrosoftEdge\Protected - It is a
violation of Windows Policy to modify. See aka.ms/browserpolicy]
"AllowSearchEngineCustomization"=dword:0
[HKEY_USERS\.DEFAULT\Software\Policies\Microsoft\MicrosoftEdge\Protected - It is
a violation of Windows Policy to modify. See aka.ms/browserpolicy]
"AllowSearchEngineCustomization"=dword:0
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Internet Explorer\EUPP Protected - It is
a violation of Windows Policy to modify. See aka.ms/browserpolicy\DHP]
"BackupHomePage"=hex:00
"ChangeNotice"=dword:0
[HKEY_CURRENT_USER\Software\Microsoft\Internet Explorer\EUPP Protected - It is a
violation of Windows Policy to modify. See aka.ms/browserpolicy\DHP]
"BackupHomePage"=hex:00
"ChangeNotice"=dword:0
[HKEY_USERS\.DEFAULT\Software\Microsoft\Internet Explorer\EUPP Protected - It is
a violation of Windows Policy to modify. See aka.ms/browserpolicy\DHP]
"BackupHomePage"=hex:00
"ChangeNotice"=dword:0
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Internet Explorer\EUPP Protected - It is
a violation of Windows Policy to modify. See aka.ms/browserpolicy\DSP]
"BackupDefaultSearchScope"=hex:00
[HKEY_CURRENT_USER\Software\Microsoft\Internet Explorer\EUPP Protected - It is a
violation of Windows Policy to modify. See aka.ms/browserpolicy\DSP]
"BackupDefaultSearchScope"=hex:00
[HKEY_USERS\.DEFAULT\Software\Microsoft\Internet Explorer\EUPP Protected - It is
a violation of Windows Policy to modify. See aka.ms/browserpolicy\DSP]
"BackupDefaultSearchScope"=hex:00
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Internet Explorer\Protected - It is a
violation of Windows Policy to modify. See aka.ms/browserpolicy]
"HomepagesUpgradeVersion"=dword:0
"SearchScopesUpgradeVersion"=dword:0
[HKEY_CURRENT_USER\Software\Microsoft\Internet Explorer\Protected - It is a
violation of Windows Policy to modify. See aka.ms/browserpolicy]
"HomepagesUpgradeVersion"=dword:0
"SearchScopesUpgradeVersion"=dword:0
[HKEY_USERS\.DEFAULT\Software\Microsoft\Internet Explorer\Protected - It is a
violation of Windows Policy to modify. See aka.ms/browserpolicy]
"HomepagesUpgradeVersion"=dword:0
"SearchScopesUpgradeVersion"=dword:0
;
-----End cut & paste here-----

```

* Replace Edge + Internet Explorer (IE) with your choice of independent/3rd party free, open source, better, safer, more secure, uncrippled, unlocked, unrestricted, modern default web browser [Chromium, Brave, Vivaldi, Thorium, X-Chromium (X-Launcher), Firefox, Opera, TOR Browser, etc] for HTM, HTML, DHTM, DHTML, XHTML, XHTML, XML, PHP, PHP4, PHP5, HTTP, HTTPS, URL (URI), WebSite, e-mail (web mail), FTP, etc file extensions, shortcuts + protocols:

<http://www.thewindowsclub.com/set-chrome-default-browser-windows-8/>
<http://newoldthing.wordpress.com/2007/03/23/how-does-your-browsers-know-that-its-not-the-default-browser/>
<http://forums.tomshardware.com/threads/default-browser-in-registry.1136495/>
<http://community.spiceworks.com/topic/464572-how-to-set-google-chrome-as-the-default-browser-in-group-policy/>
<http://stackoverflow.com/questions/32354861/>
<http://www.adamfowlerit.com/2020/07/set-microsoft-edge-as-default-browser-one-time/>

<http://www.petenetlive.com/KB/Article/0001284/>
<http://tor.stackexchange.com/questions/4125/>
<http://www.technipages.com/ie-default-browser-prompt/>

BEWARE:

Edge web browsers collect, spy, surveil, track + send logged on/signed in members/subscribers/users' unique SID (Security Identifier) + web browser history [URLs (Uniform Resource Locator) = IPs, web addresses]

biometrics/data/fingerprint/information/stats,
confidential/identifiable/personal/private/privileged preferences, user choices/options/settings, to Microsoft + Microsoft 3rd party/affiliated/associated/leased/(sub)contracted/partner/subsidiary cloud/network/internet/remote domains/servers/sites behind-your-back/disguised/forced/without your approval/authorization/consent/knowledge/permission:

<http://ieeexplore.ieee.org/document/9374407/>
<http://winbuzzer.com/2019/07/23/users-raise-privacy-concerns-as-edge-browser-caught-sending-full-urls-and-sid-to-microsoft-xcxwbn/>
http://www.scss.tcd.ie/Doug.Leith/pubs/browser_privacy.pdf
<http://www.slashgear.com/7-reasons-to-stop-using-microsoft-edge-03701116/>
<http://www.whatismyip.com/best-browser-for-privacy/>
<http://www.zdnet.com/article/a-professor-says-edge-is-the-worst-for-privacy-microsoft-isnt-happy/>
<http://www.laptopmag.com/news/edge-fails-browser-security-rankings-but-microsoft-isnt-buying-it/>

RECOMMENDED:

Replace Edge + IE with recommended independent/3rd party free, open source, better, safe, secure, uncrippled, unlocked, unrestricted, modern web browsers (examples):

<http://www.mdgx.com/nettoys.htm#NET>

MDGx "Free(ware) Windows 9x/NTx Web Browsers" chapter -> "Chromium + Chrome web browsers [free(ware)]" section ->

"Chromium + Chrome" topic in SOFTWARE.TXT (included):

<http://www.mdgx.com/nettoys.htm#CHR>

RECOMMENDED:

- Chromium Precompiled EXEcutable [Installer EXE + Portable Archives ZIP/7z] 32-bit + 64-bit for Windows XP/newer 32-bit (x86) + 64-bit (x64):

<http://chromium.woolyss.com/>

Degoogled/Ungoogled/striped of Google ad(ware)/spyware/surveillance/tracking code Chromium builds [clearly labeled]:

<http://github.com/ungoogled-software/ungoogled-chromium/blob/master/README.md>

<http://ungoogled-software.github.io/ungoogled-chromium-wiki/faq>

Ungoogled Chromium precompiled binaries 32-bit + 64-bit for Windows 7/newer 32-bit (x86) + 64-bit (x64) [75-125 MB,

Installer ONLY EXE + Portable ZIP, NEWest at the top]:

<http://ungoogled-software.github.io/ungoogled-chromium-binaries/>

Ungoogled Chromium 64-bit for Windows 7/newer 64-bit (x64):

<http://ungoogled-software.github.io/ungoogled-chromium-binaries/releases/windows/64bit/>

Ungoogled Chromium 32-bit for Windows 7/newer 32-bit (x86):

<http://ungoogled-software.github.io/ungoogled-chromium-binaries/releases/windows/32bit/>

- Brave 32-bit + 64-bit web browser for Windows 7/newer 32-bit (x86) + 64-bit (x64) based on Chromium code [fork] with improved privacy, safety + security and optimized speed:

<http://brave.com/>

Brave Repository:

<http://github.com/brave/brave-browser/>

Download [ZIP = full, Portable]:

<http://github.com/brave/brave-browser/releases/latest/>

- Vivaldi 32-bit + 64-bit web browser for Windows 7/newer 32-bit (x86) + 64-bit

(x64) based on Chromium code [fork] with enhanced privacy, safety + security:
<http://vivaldi.com/>
Download [EXE = Installer ONLY]:
<http://vivaldi.com/download/>
Vivaldi Portable -> run Installer EXE -> Install standalone:
<http://help.vivaldi.com/desktop/install-update/standalone-version-of-vivaldi/>
- Thorium 32-bit + 64-bit web browsers for Windows 7/newer 32-bit (x86) + 64-bit (x64) based on Chromium code [fork]
hardware 3D, rendering + video playback optimized:
<http://thorium.rocks/>
Download [ZIP = full, Portable]:
Thorium AVX2 64-bit for Windows 10/newer 64-bit (x64):
<http://github.com/Alex313031/Thorium-Win/releases/latest/>
Thorium AVX 64-bit for Windows 10/newer 64-bit (x64):
<http://github.com/Alex313031/Thorium-Win/releases/latest/>
Thorium SS3 64-bit for Windows 10/newer 64-bit (x64):
<http://github.com/Alex313031/Thorium-SSE3/releases/latest/>
Thorium SSE2 (Win32) 32-bit edition for Windows 7/newer 32-bit (x86) + Thorium SSE3, SSE4, AVX + AVX2 64-bit editions for Windows 7/newer 64-bit (x64):
<http://github.com/Alex313031/thorium-win7/releases/latest/>
Thorium Requirements:
- Multicore CPU: minimum Intel Core 2nd gen or AMD FX with built-in SSE4 (Streaming SIMD Extensions 4),
<http://en.wikipedia.org/wiki/SSE4>
AVX (Advanced Vector Extensions)
http://en.wikipedia.org/wiki/Advanced_Vector_Extensions
+ AES (Advanced Encryption Standard)
http://en.wikipedia.org/wiki/Advanced_Encryption_Standard
enhancements/multimedia extensions/instructions.
- Graphics video controller with 3D rendering + OpenGL capabilities.
Required Windows 7 64-bit (x64) Updates for Thorium 64-bit web browser enhanced hardware + software compatibility/support:
<http://thorium.rocks/win7>
- Windows 7 SP1/2008 R2 64-bit (x64) Servicing Stack Update 2019 KB4490628:
<http://support.microsoft.com/help/4490628/>
Download:
<http://catalog.update.microsoft.com/search.aspx?q=4490628+x64>
- Windows 7 SP1/2008 R2 64-bit (x64) SHA-2 Code Signing Support Update 2019 KB4474419:
<http://support.microsoft.com/help/4474419/>
Download:
<http://catalog.update.microsoft.com/search.aspx?q=4474419+x64>
- Supermium 32-bit + 64-bit web browsers for Windows 7/newer 32-bit (x86) + 64-bit (x64) based on Chromium code [fork]
optimized for speed + performance:
<http://www.win32subsystem.live/supermium.html>
Download [EXE = full, Installer +/- ZIP = full, Portable]:
<http://github.com/win32ss/supermium/releases/latest/>
- X-Chromium (X-Launcher) Portable launcher:
<http://www.winpenpack.com/en/download.php?view.1082>
Download [EXE = Installer, full]:
<http://sourceforge.net/projects/winpenpack/files/X-Chromium/releases/>
Either install Chromium precompiled stable releases 32-bit or 64-bit:
<http://chromium.woollyss.com/>
or extract all files from portable archive [zip or 7z] + copy to the destination of your choice Chromium portable stable releases 32-bit or 64-bit to match the Windows NTx [7/newer] operating system(s) [OS(es)]
build/edition/release/update/version + bit strength [32-bit (x86) or 64-bit (x64)] you are using.
All Chromium + Chrome alternatives/derivatives/forks/variants users must have these 3 environment variables:

GOOGLE_API_KEY=NO
 GOOGLE_DEFAULT_CLIENT_ID=NO
 GOOGLE_DEFAULT_CLIENT_SECRET=NO
 Right-click CMD shortcut/CMD.EXE -> Run as Administrator -> run these commands -
 > press Enter after each line:
 SETX.EXE GOOGLE_API_KEY "NO" /M
 SETX.EXE GOOGLE_DEFAULT_CLIENT_ID "NO" /M
 SETX.EXE GOOGLE_DEFAULT_CLIENT_SECRET "NO" /M
 Google API Keys:
<http://chromium.woolyss.com/#google-api-keys>
<http://www.chromium.org/developers/how-tos/api-keys/>
 MDGx "@ Chromium/Chrome/Brave/X-Chromium/Thorium/Vivaldi/Supermium Privacy,
 Safety + Security Settings, Extensions, Guides +
 Solutions:" topic in SOFTWARE.TXT (included):
<http://www.mdgx.com/nettoys.htm#PRV>
 MDGx collection of essential + useful Chromium/Chrome extensions + tweaks ->
 "CHROMIUM" section in TOOLS.TXT (included):
<http://www.mdgx.com/tools.php#:~:text=CHROMIUM%20%5B%2A%5D>
<http://www.mdgx.com/TOOLS.TXT>
 1st Things 1st:

 BACKUP YOUR REGISTRY BEFORE MAKING ANY CHANGES! -> See "BACKUP/EXPORT +
 RESTORE/IMPORT REGISTRY/REGISTRY KEY(S)" in
 WINDOWS7.TXT (included):
<http://www.mdgx.com/7.php#:~:text=BACKUP%2FEXPORT%20%2B%20RESTORE%2FIMPORT%20REGISTRY%2FREGISTRY%20KEY%28S%29%20%21>
 Example: I use winPenPack X-Chromium (X-Launcher) Portable launcher 64-bit
 [free, open source]:
<http://www.winpenpack.com/en/download.php?view.1082>
 On my main home built PC and my tweaked Windows 10 gaming laptop the customized
 executables are located in these
 directories/folders:
 C:\PORT\CHROME\X-Chromium.exe
 and respectively:
 C:\PORT\CHROME\BIN\CHROME\CHROME.EXE
 NOTES:
 - Registry file below uses these values [example: I use winPenPack X-Chromium
 (X-Launcher) Portable launcher = see above] to
 point to file names + their respective locations. You need to replace them as
 needed to match your web browser executable(s)
 name(s) + location(s), depending on the specific/custom program(s) you are
 using.
 - All registry plain text strings [REG_SZ] listed here need to be replaced with
 the ones matching your
 existing/installed/registered web browser(s). I use winPenPack X-Chromium (X-
 Launcher) Portable launcher (example) -> see
 above:
 Chrome
 Chromium
 Chromium web browser
 X-Chromium
 ChromeHTML
 ChromiumHTML
 winPenPack X-Chromium Launcher
 winPenPack.X-ChromiumLauncher
 winPenPack.X-ChromiumLauncher.Default
 X-Chromium.File
 XChromium.exe_.website
 Chromium is a fast web browser for Windows.
 C:\\PORT\\CHROME\\X-Chromium.exe
 C:\\PORT\\CHROME\\BIN\\CHROME
 I recommend to replace all instances of Edge [+ Internet Explorer (IE)]
 EXECutables (.exe) with either:
 - your preferred default web browser EXECutable (.exe) [for example I use X-

Chromium.exe], OR with
- systray.exe [generic, silent], OR with
- / [null, silent].

In order to eliminate annoying errors when attempting to
execute/launch/open/run/start Microsoft assigned Edge [or Internet
Explorer (IE)] built-in/default/hard-wired/pre-installed/preset file types,
internet schemes/protocols + URL/URI
addresses/items/links/schemes/shortcuts you may want to redirect all Edge + IE
EXEcutables (.exe) to your preferred default
web browser EXEcutable (.exe), so from now on they will
execute/launch/open/run/start it instead. ;-/

Brace yourself... huge REG file coming up... ;-)

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer

<http://www.mdgx.com/toy.htm#TXT>

to create a plain text Registry file containing the lines between Cut & Paste
delimiters below -> save it as plain
text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click
it -> Run as Administrator -> answer Yes/OK
to all prompts to register/merge/import its information into your registry.

-----Begin cut & paste here-----

REGEDIT4

```
; * Enable next registry key + value below by removing the semicolon and space  
[; ] in front of them to disable + replace  
; Internet Explorer (IE) executable [iexplore.exe] with your favorite  
existing/installed/registered web browser.  
; I use winPenPack X-Chromium (X-Launcher) Portable launcher (example) -> see  
above:
```

```
; http://www.winpenpack.com/en/download.php?view.1082
```

```
; Optional = IEXPLORE.EXE applies only to earlier/older Windows 10
```

```
builds/editions/releases/updates/versions:
```

```
; [HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Image File  
Execution Options\IEXPLORE.EXE]
```

```
; "Debugger"="C:\\PORT\\CHROME\\X-Chromium.exe"
```

```
; * Next 9 registry keys + values below disable + replace all known Edge/Edge  
related executables (.exe) with your
```

```
; favorite/preferred existing/installed/registered web browser.
```

```
; http://www.mdgx.com/nettoys.htm#NET
```

```
; I use winPenPack X-Chromium (X-Launcher) Portable launcher (example) -> see  
above:
```

```
; http://www.winpenpack.com/en/download.php?view.1082
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Image File  
Execution Options\elevation_service.exe]
```

```
"Debugger"="C:\\PORT\\CHROME\\X-Chromium.exe"
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Image File  
Execution Options\MicrosoftEdgeUpdate.exe]
```

```
"Debugger"="C:\\PORT\\CHROME\\X-Chromium.exe"
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Image File  
Execution Options\LaunchWinApp.exe]
```

```
"Debugger"="C:\\PORT\\CHROME\\X-Chromium.exe"
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Image File  
Execution Options\msedge.exe]
```

```
"Debugger"="C:\\PORT\\CHROME\\X-Chromium.exe"
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Image File  
Execution Options\MicrosoftEdge.exe]
```

```
"Debugger"="C:\\PORT\\CHROME\\X-Chromium.exe"
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Image File  
Execution Options\MicrosoftEdgeBCHost.exe]
```

```
"Debugger"="C:\\PORT\\CHROME\\X-Chromium.exe"
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Image File  
Execution Options\MicrosoftEdgeCP.exe]
```

```
"Debugger"="C:\\PORT\\CHROME\\X-Chromium.exe"
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Image File  
Execution Options\MicrosoftEdgeDevTools.exe]
```

"Debugger"="C:\\PORT\\CHROME\\X-Chromium.exe"
[HKEY_LOCAL_MACHINE\\SOFTWARE\\Microsoft\\Windows NT\\CurrentVersion\\Image File Execution Options\\MicrosoftEdgeSH.exe]
"Debugger"="C:\\PORT\\CHROME\\X-Chromium.exe"
[HKEY_LOCAL_MACHINE\\SOFTWARE\\Microsoft\\Windows\\Shell\\Associations\\UrlAssociations\\http\\UserChoice]
"ProgId"="AppXq0fevzme2pys62n3e0fbqa7peapykr8v"
[HKEY_LOCAL_MACHINE\\SOFTWARE\\Microsoft\\Windows\\Shell\\Associations\\UrlAssociations\\https\\UserChoice]
"ProgId"="AppX90nv6nhay5n6a98fnetv7tpk64pp35es"
[HKEY_LOCAL_MACHINE\\SOFTWARE\\Microsoft\\Windows\\Shell\\Associations\\UrlAssociations\\microsoft-edge\\UserChoice]
"ProgId"="AppX7rm9drdg8sk7vqndwj3sdjw11x96jc0y"
[HKEY_CURRENT_USER\\Software\\Microsoft\\Windows\\Shell\\Associations\\UrlAssociations\\http\\UserChoice]
"ProgId"="AppXq0fevzme2pys62n3e0fbqa7peapykr8v"
[HKEY_CURRENT_USER\\Software\\Microsoft\\Windows\\Shell\\Associations\\UrlAssociations\\https\\UserChoice]
"ProgId"="AppX90nv6nhay5n6a98fnetv7tpk64pp35es"
[HKEY_CURRENT_USER\\Software\\Microsoft\\Windows\\Shell\\Associations\\UrlAssociations\\microsoft-edge\\UserChoice]
"ProgId"="AppX7rm9drdg8sk7vqndwj3sdjw11x96jc0y"
[HKEY_USERS\\.DEFAULT\\Microsoft\\Windows\\Shell\\Associations\\UrlAssociations\\http\\UserChoice]
"ProgId"="AppXq0fevzme2pys62n3e0fbqa7peapykr8v"
[HKEY_USERS\\.DEFAULT\\Microsoft\\Windows\\Shell\\Associations\\UrlAssociations\\https\\UserChoice]
"ProgId"="AppX90nv6nhay5n6a98fnetv7tpk64pp35es"
[HKEY_USERS\\.DEFAULT\\Microsoft\\Windows\\Shell\\Associations\\UrlAssociations\\microsoft-edge\\UserChoice]
"ProgId"="AppX7rm9drdg8sk7vqndwj3sdjw11x96jc0y"
[HKEY_LOCAL_MACHINE\\SOFTWARE\\Classes\\AppX7rm9drdg8sk7vqndwj3sdjw11x96jc0y]
"FriendlyTypeName"="winPenPack X-Chromium Launcher"
[HKEY_LOCAL_MACHINE\\SOFTWARE\\Classes\\AppX7rm9drdg8sk7vqndwj3sdjw11x96jc0y\\Application]
"ApplicationName"="winPenPack X-Chromium Launcher"
"ApplicationCompany"="Chromium"
"ApplicationIcon"="C:\\PORT\\CHROME\\X-Chromium.exe,0"
"ApplicationDescription"="winPenPack X-Chromium Launcher"
"AppUserModelID"="winPenPack.X-ChromiumLauncher.Default"
[HKEY_LOCAL_MACHINE\\SOFTWARE\\Classes\\AppX7rm9drdg8sk7vqndwj3sdjw11x96jc0y\\DefaultIcon]
@="C:\\PORT\\CHROME\\X-Chromium.exe,0"
[HKEY_LOCAL_MACHINE\\SOFTWARE\\Classes\\AppX7rm9drdg8sk7vqndwj3sdjw11x96jc0y\\Shell\\open]
"ActivatableClassId"=-
"PackageId"="winPenPack X-Chromium Launcher"
"ContractId"=-
"DesiredInitialViewState"=dword:0
[HKEY_LOCAL_MACHINE\\SOFTWARE\\Classes\\AppX7rm9drdg8sk7vqndwj3sdjw11x96jc0y\\Shell\\open\\command]
"DelegateExecute"=-
@="\"C:\\PORT\\CHROME\\X-Chromium.exe\" \"%1\""
[HKEY_CURRENT_USER\\Software\\Classes\\AppX7rm9drdg8sk7vqndwj3sdjw11x96jc0y]
"FriendlyTypeName"="winPenPack X-Chromium Launcher"
[HKEY_CURRENT_USER\\Software\\Classes\\AppX7rm9drdg8sk7vqndwj3sdjw11x96jc0y\\Application]
"ApplicationName"="winPenPack X-Chromium Launcher"
"ApplicationCompany"="Chromium"
"ApplicationIcon"="C:\\PORT\\CHROME\\X-Chromium.exe,0"
"ApplicationDescription"="winPenPack X-Chromium Launcher"
"AppUserModelID"="winPenPack.X-ChromiumLauncher.Default"
[HKEY_CURRENT_USER\\Software\\Classes\\AppX7rm9drdg8sk7vqndwj3sdjw11x96jc0y\\DefaultIcon]


```
@="C:\\PORT\\CHROME\\X-Chromium.exe,0"
[HKEY_CURRENT_USER\\Software\\Classes\\AppX7rm9drdg8sk7vqndwj3sdjw11x96jc0y\\Shell\\
open]
"ActivatableClassId"=-
"PackageId"="winPenPack X-Chromium Launcher"
"ContractId"=-
"DesiredInitialViewState"=dword:0
[HKEY_CURRENT_USER\\Software\\Classes\\AppX7rm9drdg8sk7vqndwj3sdjw11x96jc0y\\Shell\\
open\\command]
"DelegateExecute"=-
@="\"C:\\PORT\\CHROME\\X-Chromium.exe\" \"%1\"
[HKEY_USERS\\.DEFAULT\\Software\\Classes\\AppX7rm9drdg8sk7vqndwj3sdjw11x96jc0y]
"FriendlyTypeName"="winPenPack X-Chromium Launcher"
[HKEY_USERS\\.DEFAULT\\Software\\Classes\\AppX7rm9drdg8sk7vqndwj3sdjw11x96jc0y\\
Application]
"ApplicationName"="winPenPack X-Chromium Launcher"
"ApplicationCompany"="Chromium"
"ApplicationIcon"="C:\\PORT\\CHROME\\X-Chromium.exe,0"
"ApplicationDescription"="winPenPack X-Chromium Launcher"
"AppUserModelID"="winPenPack.X-ChromiumLauncher.Default"
[HKEY_USERS\\.DEFAULT\\Software\\Classes\\AppX7rm9drdg8sk7vqndwj3sdjw11x96jc0y\\
DefaultIcon]
@="C:\\PORT\\CHROME\\X-Chromium.exe,0"
[HKEY_USERS\\.DEFAULT\\Software\\Classes\\AppX7rm9drdg8sk7vqndwj3sdjw11x96jc0y\\
Shell\\open]
"ActivatableClassId"=-
"PackageId"="winPenPack X-Chromium Launcher"
"ContractId"=-
"DesiredInitialViewState"=dword:0
[HKEY_USERS\\.DEFAULT\\Software\\Classes\\AppX7rm9drdg8sk7vqndwj3sdjw11x96jc0y\\
Shell\\open\\command]
"DelegateExecute"=-
@="\"C:\\PORT\\CHROME\\X-Chromium.exe\" \"%1\"
[HKEY_LOCAL_MACHINE\\SOFTWARE\\Classes\\AppXq0fevzme2pys62n3e0fbqa7peapykr8v]
"FriendlyTypeName"="winPenPack X-Chromium Launcher"
[HKEY_LOCAL_MACHINE\\SOFTWARE\\Classes\\AppXq0fevzme2pys62n3e0fbqa7peapykr8v\\
Application]
"ApplicationName"="winPenPack X-Chromium Launcher"
"ApplicationCompany"="Chromium"
"ApplicationIcon"="C:\\PORT\\CHROME\\X-Chromium.exe,0"
"ApplicationDescription"="winPenPack X-Chromium Launcher"
"AppUserModelID"="winPenPack.X-ChromiumLauncher.Default"
[HKEY_LOCAL_MACHINE\\SOFTWARE\\Classes\\AppXq0fevzme2pys62n3e0fbqa7peapykr8v\\
DefaultIcon]
@="C:\\PORT\\CHROME\\X-Chromium.exe,0"
[HKEY_LOCAL_MACHINE\\SOFTWARE\\Classes\\AppXq0fevzme2pys62n3e0fbqa7peapykr8v\\Shell\\
open]
"ActivatableClassId"=-
"PackageId"="winPenPack X-Chromium Launcher"
"ContractId"=-
"DesiredInitialViewState"=dword:0
[HKEY_LOCAL_MACHINE\\SOFTWARE\\Classes\\AppXq0fevzme2pys62n3e0fbqa7peapykr8v\\Shell\\
open\\command]
"DelegateExecute"=-
@="\"C:\\PORT\\CHROME\\X-Chromium.exe\" \"%1\"
[HKEY_CURRENT_USER\\Software\\Classes\\AppXq0fevzme2pys62n3e0fbqa7peapykr8v]
"FriendlyTypeName"="winPenPack X-Chromium Launcher"
[HKEY_CURRENT_USER\\Software\\Classes\\AppXq0fevzme2pys62n3e0fbqa7peapykr8v\\
Application]
"ApplicationName"="winPenPack X-Chromium Launcher"
"ApplicationCompany"="Chromium"
"ApplicationIcon"="C:\\PORT\\CHROME\\X-Chromium.exe,0"
"ApplicationDescription"="winPenPack X-Chromium Launcher"
"AppUserModelID"="winPenPack.X-ChromiumLauncher.Default"
```

```
[HKEY_CURRENT_USER\Software\Classes\AppXq0fevzme2pys62n3e0fbqa7peapykr8v\
DefaultIcon]
@="C:\\PORT\\CHROME\\X-Chromium.exe,0"
[HKEY_CURRENT_USER\Software\Classes\AppXq0fevzme2pys62n3e0fbqa7peapykr8v\Shell\
open]
"ActivatableClassId"=-
"PackageId"="winPenPack X-Chromium Launcher"
"ContractId"=-
"DesiredInitialViewState"=dword:0
[HKEY_CURRENT_USER\Software\Classes\AppXq0fevzme2pys62n3e0fbqa7peapykr8v\Shell\
open\command]
"DelegateExecute"=-
@="C:\\PORT\\CHROME\\X-Chromium.exe\" \"%1\"
[HKEY_USERS\.DEFAULT\Software\Classes\AppXq0fevzme2pys62n3e0fbqa7peapykr8v\
]
"_FRIENDLY_TYPENAME"="winPenPack X-Chromium Launcher"
[HKEY_USERS\.DEFAULT\Software\Classes\AppXq0fevzme2pys62n3e0fbqa7peapykr8v\
Application]
"ApplicationName"="winPenPack X-Chromium Launcher"
"ApplicationCompany"="Chromium"
"ApplicationIcon"="C:\\PORT\\CHROME\\X-Chromium.exe,0"
"ApplicationDescription"="winPenPack X-Chromium Launcher"
"AppUserModelID"="winPenPack.X-ChromiumLauncher.Default"
[HKEY_USERS\.DEFAULT\Software\Classes\AppXq0fevzme2pys62n3e0fbqa7peapykr8v\
DefaultIcon]
@="C:\\PORT\\CHROME\\X-Chromium.exe,0"
[HKEY_USERS\.DEFAULT\Software\Classes\AppXq0fevzme2pys62n3e0fbqa7peapykr8v\
Shell\open]
"ActivatableClassId"=-
"PackageId"="winPenPack X-Chromium Launcher"
"ContractId"=-
"DesiredInitialViewState"=dword:0
[HKEY_USERS\.DEFAULT\Software\Classes\AppXq0fevzme2pys62n3e0fbqa7peapykr8v\
Shell\open\command]
"DelegateExecute"=-
@="C:\\PORT\\CHROME\\X-Chromium.exe\" \"%1\"
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Internet Explorer\Main]
"Check_Associations"="No"
"IgnoreDefCheck"="Yes"
[HKEY_CURRENT_USER\Software\Microsoft\Internet Explorer\Main]
"Check_Associations"="No"
"IgnoreDefCheck"="Yes"
[HKEY_USERS\.DEFAULT\Software\Microsoft\Internet Explorer\Main]
"Check_Associations"="No"
"IgnoreDefCheck"="Yes"
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\App Paths\X-
Chromium.exe]
@="C:\\PORT\\CHROME\\X-Chromium.exe"
"Path"="C:\\PORT\\CHROME"
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\App Paths\
CHROME.EXE]
@="C:\\PORT\\CHROME\\BIN\\CHROME\\CHROME.EXE"
"Path"="C:\\PORT\\CHROME\\BIN\\CHROME"
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\htmlfile_FullWindowEmbed]
@="HTML Plugin Document"
"AppUserModelID"="winPenPack.X-ChromiumLauncher.Default"
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\htmlfile_FullWindowEmbed\CLSID]
@="{25336921-03F9-11CF-8FD0-00AA00686F13}"
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\htmfile]
@="ChromiumHTML"
"AppUserModelID"="winPenPack.X-ChromiumLauncher.Default"
"EditFlags"=dword:1
"_FRIENDLY_TYPENAME"="winPenPack X-Chromium Launcher"
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\htmfile\CLSID]
@="{25336920-03F9-11cf-8FD0-00AA00686F13}"
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\htmfile\DefaultIcon]
@="C:\PORT\CHROME\X-Chromium.exe,0"
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\htmfile\ScriptHostEncode]
@="{0CF774D0-F077-11D1-B1BC-00C04F86C324}"
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\htmfile\shell]
@="Open"
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\htmfile\shell\open]
@="Open in S&ame Window"
"CommandId"="X-Chromium.File"
"MUIVerb"="winPenPack X-Chromium Launcher"
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\htmfile\shell\open\command]
@="\C:\PORT\CHROME\X-Chromium.exe\" \"%1\"
"DelegateExecute"="{17FE9752-0B5A-4665-84CD-569794602F5C}"
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\htmfile\shell\open\ddeexec\Application]
@="winPenPack X-Chromium Launcher"
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\htmlfile]
@="ChromiumHTML"
"AppUserModelID"="winPenPack.X-ChromiumLauncher.Default"
"EditFlags"=dword:1
"FriendlyTypeName"="winPenPack X-Chromium Launcher"
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\htmlfile\CLSID]
@="{25336920-03F9-11cf-8FD0-00AA00686F13}"
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\htmlfile\DefaultIcon]
@="C:\PORT\CHROME\X-Chromium.exe,0"
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\htmlfile\ScriptHostEncode]
@="{0CF774D0-F077-11D1-B1BC-00C04F86C324}"
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\htmlfile\shell]
@="Open"
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\htmlfile\shell\open]
@="Open in S&ame Window"
"CommandId"="X-Chromium.File"
"MUIVerb"="winPenPack X-Chromium Launcher"
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\htmlfile\shell\open\command]
@="\C:\PORT\CHROME\X-Chromium.exe\" \"%1\"
"DelegateExecute"="{17FE9752-0B5A-4665-84CD-569794602F5C}"
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\htmlfile\shell\open\ddeexec\Application]
@="winPenPack X-Chromium Launcher"
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\ChromiumHTML]
@="winPenPack X-Chromium Launcher"
"AppUserModelID"="winPenPack.X-ChromiumLauncher.Default"
"EditFlags"=dword:1
"FriendlyTypeName"="winPenPack X-Chromium Launcher"
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\ChromiumHTML\DefaultIcon]
@="C:\PORT\CHROME\X-Chromium.exe,0"
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\ChromiumHTML\shell]
@="Open"
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\ChromiumHTML\shell\open\command]
@="\C:\PORT\CHROME\X-Chromium.exe\" \"%1\"
[HKEY_CURRENT_USER\Software\Classes\ChromiumHTML]
@="winPenPack X-Chromium Launcher"
"AppUserModelID"="winPenPack.X-ChromiumLauncher.Default"
"EditFlags"=dword:1
"FriendlyTypeName"="winPenPack X-Chromium Launcher"
[HKEY_CURRENT_USER\Software\Classes\ChromiumHTML\shell]
@="Open"
[HKEY_CURRENT_USER\Software\Classes\ChromiumHTML\shell\open\command]
@="\C:\PORT\CHROME\X-Chromium.exe\" \"%1\"
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\.htm]
@="ChromiumHTML"
"AppUserModelID"="winPenPack.X-ChromiumLauncher.Default"
"PerceivedType"="text"
"Content Type"="text/html"
"EditFlags"=dword:1
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\.htm\OpenWithList\notepad.exe]
```

```
@=""
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\.htm\OpenWithProgIds]
"htmlfile"=""
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\.htm\shell]
@="Open"
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\.htm\shell\open\command]
@=""C:\PORT\CHROME\X-Chromium.exe" \"%1\"
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\.html]
@="ChromiumHTML"
"AppUserModelID"="winPenPack.X-ChromiumLauncher.Default"
"PerceivedType"="text"
"Content Type"="text/html"
"EditFlags"=dword:1
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\.html\OpenWithProgIds]
"htmlfile"=""
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\.html\shell]
@="Open"
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\.html\shell\open\command]
@=""C:\PORT\CHROME\X-Chromium.exe" \"%1\"
[HKEY_USERS\.DEFAULT\Software\Microsoft\Windows\CurrentVersion\Explorer\
FileExts\.htm\OpenWithProgIds]
"htmlfile"=hex(0):
"ChromiumHTML"=hex(0):
"ChromeHTML"=-
[HKEY_USERS\.DEFAULT\Software\Microsoft\Windows\CurrentVersion\Explorer\
FileExts\.html\OpenWithProgids]
"htmlfile"=hex(0):
"ChromiumHTML"=hex(0):
"ChromeHTML"=-
[HKEY_USERS\.DEFAULT\Software\Classes\.htm]
@="ChromiumHTML"
"AppUserModelID"="winPenPack.X-ChromiumLauncher.Default"
[HKEY_USERS\.DEFAULT\Software\Classes\.html]
@="ChromiumHTML"
"AppUserModelID"="winPenPack.X-ChromiumLauncher.Default"
[HKEY_CURRENT_USER\Software\Classes\.htm]
@="ChromiumHTML"
"AppUserModelID"="winPenPack.X-ChromiumLauncher.Default"
"EditFlags"=dword:1
[HKEY_CURRENT_USER\Software\Classes\.htm\OpenWithProgIds]
"ChromiumHTML"=""
[HKEY_CURRENT_USER\Software\Classes\.htm\shell]
@="Open"
[HKEY_CURRENT_USER\Software\Classes\.htm\shell\open\command]
@=""C:\PORT\CHROME\X-Chromium.exe" \"%1\"
[HKEY_CURRENT_USER\Software\Classes\.html]
@="ChromiumHTML"
"AppUserModelID"="winPenPack.X-ChromiumLauncher.Default"
"EditFlags"=dword:1
[HKEY_CURRENT_USER\Software\Classes\.html\OpenWithProgIds]
"ChromiumHTML"=""
[HKEY_CURRENT_USER\Software\Classes\.html\shell]
@="Open"
[HKEY_CURRENT_USER\Software\Classes\.html\shell\open\command]
@=""C:\PORT\CHROME\X-Chromium.exe" \"%1\"
[HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Explorer\
FileExts\.htm\OpenWithList]
"a"="X-Chromium.exe"
"b"=-
"c"=-
"d"=-
[HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Explorer\
FileExts\.htm\OpenWithProgids]
"htmlfile"=hex(0):
```

```
"ChromiumHTML"=hex(0):
"ChromeHTML"=-
[HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Explorer\
FileExts\.htm\UserChoice]
"ProgId"="ChromiumHTML"
[HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Explorer\
FileExts\.html\OpenWithList]
"a"="X-Chromium.exe"
"b"=-
"c"=-
"d"=-
[HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Explorer\
FileExts\.html\OpenWithProgids]
"htmlfile"=hex(0):
"ChromiumHTML"=hex(0):
"ChromeHTML"=-
[HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Explorer\
FileExts\.html\UserChoice]
"ProgId"="ChromiumHTML"
[HKEY_CURRENT_USER\Software\Microsoft\Windows\Roaming\OpenWith\FileExts\.htm\
UserChoice]
"ProgId"="ChromiumHTML"
[HKEY_CURRENT_USER\Software\Microsoft\Windows\Roaming\OpenWith\FileExts\.html\
UserChoice]
"ProgId"="ChromiumHTML"
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\http]
"URL Protocol"=""
"AppUserModelID"="winPenPack.X-ChromiumLauncher.Default"
"EditFlags"=dword:1
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\http\shell]
@="Open"
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\http\shell\open\command]
@="\"C:\\PORT\\CHROME\\BIN\\CHROME\\CHROME.EXE\" \"%1\"""
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\https]
"URL Protocol"=""
"AppUserModelID"="winPenPack.X-ChromiumLauncher.Default"
"EditFlags"=dword:1
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\https\shell]
@="Open"
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\https\shell\open\command]
@="\"C:\\PORT\\CHROME\\BIN\\CHROME\\CHROME.EXE\" \"%1\"""
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\.html]
@="ChromiumHTML"
"AppUserModelID"="winPenPack.X-ChromiumLauncher.Default"
"EditFlags"=dword:1
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\.html\shell]
@="Open"
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\.html\shell\open\command]
@="\"C:\\PORT\\CHROME\\X-Chromium.exe\" \"%1\"""
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\.htm]
@="ChromiumHTML"
"AppUserModelID"="winPenPack.X-ChromiumLauncher.Default"
"EditFlags"=dword:1
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\.htm\shell]
@="Open"
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\.htm\shell\open\command]
@="\"C:\\PORT\\CHROME\\X-Chromium.exe\" \"%1\"""
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\.URL]
"AppUserModelID"="winPenPack.X-ChromiumLauncher.Default"
@="urlfile"
"EditFlags"=dword:1
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\.URL\shell]
@="Open"
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\.URL\shell\open\command]
```

```
@="\"C:\\PORT\\CHROME\\BIN\\CHROME\\CHROME.EXE\" \"%1\""  
[HKEY_LOCAL_MACHINE\\SOFTWARE\\Classes\\urlfile]  
@="URL File"  
"AppUserModelID"="winPenPack.X-ChromiumLauncher.Default"  
"EditFlags"=dword:1  
[HKEY_LOCAL_MACHINE\\SOFTWARE\\Classes\\urlfile\\shell]  
@="Open"  
[HKEY_LOCAL_MACHINE\\SOFTWARE\\Classes\\urlfile\\shell\\open\\command]  
@="\"C:\\PORT\\CHROME\\BIN\\CHROME\\CHROME.EXE\" \"%1\""  
[HKEY_CURRENT_USER\\Software\\Classes\\urlfile]  
@="URL File"  
"AppUserModelID"="winPenPack.X-ChromiumLauncher.Default"  
"EditFlags"=dword:1  
[HKEY_CURRENT_USER\\Software\\Classes\\urlfile\\shell]  
@="Open"  
[HKEY_CURRENT_USER\\Software\\Classes\\urlfile\\shell\\open\\command]  
@="\"C:\\PORT\\CHROME\\BIN\\CHROME\\CHROME.EXE\" \"%1\""  
[HKEY_LOCAL_MACHINE\\SOFTWARE\\Classes\\InternetShortcut]  
@="InternetShortcut"  
"AppUserModelID"="winPenPack.X-ChromiumLauncher.Default"  
"NeverShowExt"=""  
"EditFlags"=dword:1  
"IsShortcut"=""  
[HKEY_LOCAL_MACHINE\\SOFTWARE\\Classes\\InternetShortcut\\shell]  
@="Open"  
[HKEY_LOCAL_MACHINE\\SOFTWARE\\Classes\\InternetShortcut\\shell\\open\\command]  
@="\"C:\\PORT\\CHROME\\BIN\\CHROME\\CHROME.EXE\" \"%1\""  
[HKEY_CURRENT_USER\\Software\\Classes\\InternetShortcut]  
@="InternetShortcut"  
"AppUserModelID"="winPenPack.X-ChromiumLauncher.Default"  
"NeverShowExt"=""  
"EditFlags"=dword:1  
"IsShortcut"=""  
[HKEY_CURRENT_USER\\Software\\Classes\\InternetShortcut\\shell]  
@="Open"  
[HKEY_CURRENT_USER\\Software\\Classes\\InternetShortcut\\shell\\open\\command]  
@="\"C:\\PORT\\CHROME\\BIN\\CHROME\\CHROME.EXE\" \"%1\""  
[HKEY_CURRENT_USER\\Software\\Classes\\http]  
"URL Protocol"=""  
"AppUserModelID"="winPenPack.X-ChromiumLauncher.Default"  
"EditFlags"=dword:1  
[HKEY_CURRENT_USER\\Software\\Classes\\http\\shell]  
@="Open"  
[HKEY_CURRENT_USER\\Software\\Classes\\http\\shell\\open\\command]  
@="\"C:\\PORT\\CHROME\\BIN\\CHROME\\CHROME.EXE\" \"%1\""  
[HKEY_CURRENT_USER\\Software\\Classes\\https]  
"URL Protocol"=""  
"AppUserModelID"="winPenPack.X-ChromiumLauncher.Default"  
"EditFlags"=dword:1  
[HKEY_CURRENT_USER\\Software\\Classes\\https\\shell]  
@="Open"  
[HKEY_CURRENT_USER\\Software\\Classes\\https\\shell\\open\\command]  
@="\"C:\\PORT\\CHROME\\BIN\\CHROME\\CHROME.EXE\" \"%1\""  
[HKEY_CURRENT_USER\\Software\\Classes\\.html]  
@="ChromiumHTML"  
"AppUserModelID"="winPenPack.X-ChromiumLauncher.Default"  
"EditFlags"=dword:1  
[HKEY_CURRENT_USER\\Software\\Classes\\.html\\shell]  
@="Open"  
[HKEY_CURRENT_USER\\Software\\Classes\\.html\\shell\\open\\command]  
@="\"C:\\PORT\\CHROME\\X-Chromium.exe\" \"%1\""  
[HKEY_CURRENT_USER\\Software\\Classes\\htmlfile]  
@="ChromiumHTML"  
"AppUserModelID"="winPenPack.X-ChromiumLauncher.Default"
```

```
"EditFlags"=dword:1
[HKEY_CURRENT_USER\Software\Classes\htmlfile\shell]
@="Open"
[HKEY_CURRENT_USER\Software\Classes\htmlfile\shell\open\command]
@="\"C:\\PORT\\CHROME\\X-Chromium.exe\" \"%1\"""
[HKEY_CURRENT_USER\Software\Classes\.htm]
@="ChromiumHTML"
"AppUserModelID"="winPenPack.X-ChromiumLauncher.Default"
"EditFlags"=dword:1
[HKEY_CURRENT_USER\Software\Classes\.htm\shell]
@="Open"
[HKEY_CURRENT_USER\Software\Classes\.htm\shell\open\command]
@="\"C:\\PORT\\CHROME\\X-Chromium.exe\" \"%1\"""
[HKEY_CURRENT_USER\Software\Classes\htmlfile]
@="ChromiumHTML"
"AppUserModelID"="winPenPack.X-ChromiumLauncher.Default"
"EditFlags"=dword:1
[HKEY_CURRENT_USER\Software\Classes\htmlfile\shell]
@="Open"
[HKEY_CURRENT_USER\Software\Classes\htmlfile\shell\open\command]
@="\"C:\\PORT\\CHROME\\X-Chromium.exe\" \"%1\"""
[HKEY_CURRENT_USER\Software\Classes\.URL]
@="InternetShortcut"
"AppUserModelID"="winPenPack.X-ChromiumLauncher.Default"
"EditFlags"=dword:1
[HKEY_CURRENT_USER\Software\Classes\.URL\shell]
@="Open"
[HKEY_CURRENT_USER\Software\Classes\.URL\shell\open\command]
@="\"C:\\PORT\\CHROME\\BIN\\CHROME\\CHROME.EXE\" \"%1\"""
[HKEY_CURRENT_USER\Software\Classes\InternetShortcut]
@="InternetShortcut"
"AppUserModelID"="winPenPack.X-ChromiumLauncher.Default"
"NeverShowExt"=""
"EditFlags"=dword:1
"IsShortcut"=""
[HKEY_CURRENT_USER\Software\Classes\InternetShortcut\shell]
@="Open"
[HKEY_CURRENT_USER\Software\Classes\InternetShortcut\shell\open\command]
@="\"C:\\PORT\\CHROME\\BIN\\CHROME\\CHROME.EXE\" \"%1\"""
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\Applications\CHROME.EXE\shell\open\command]
@="\"C:\\PORT\\CHROME\\BIN\\CHROME\\CHROME.EXE\" \"%1\"""
[HKEY_CURRENT_USER\Software\Classes\Applications\CHROME.EXE\shell\open\command]
@="\"C:\\PORT\\CHROME\\BIN\\CHROME\\CHROME.EXE\" \"%1\"""
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\Applications\X-Chromium.exe\shell\open\command]
@="\"C:\\PORT\\CHROME\\X-Chromium.exe\" \"%1\"""
[HKEY_CURRENT_USER\Software\Classes\Applications\X-Chromium.exe\shell\open\command]
@="\"C:\\PORT\\CHROME\\X-Chromium.exe\" \"%1\"""
[HKEY_LOCAL_MACHINE\SOFTWARE\Clients\StartMenuInternet]
@="CHROME.EXE"
[HKEY_LOCAL_MACHINE\SOFTWARE\Clients\StartMenuInternet\CHROME.EXE]
@="Chromium"
[HKEY_LOCAL_MACHINE\SOFTWARE\Clients\StartMenuInternet\CHROME.EXE\Capabilities]
"ApplicationDescription"="Chromium web browser"
"ApplicationIcon"="\"C:\\PORT\\CHROME\\BIN\\CHROME\\CHROME.EXE,0"
"ApplicationName"="Chromium"
[HKEY_LOCAL_MACHINE\SOFTWARE\Clients\StartMenuInternet\CHROME.EXE\Capabilities\FileAssociations]
".htm"="ChromiumHTML"
".html"="ChromiumHTML"
".shtml"="ChromiumHTML"
".xht"="ChromiumHTML"
".xhtml"="ChromiumHTML"
```

```
".website"="XChromium.exe_.website"
[HKEY_LOCAL_MACHINE\SOFTWARE\Clients\StartMenuInternet\CHROME.EXE\Capabilities\
StartMenu]
"StartMenuInternet"="CHROME.EXE"
[HKEY_LOCAL_MACHINE\SOFTWARE\Clients\StartMenuInternet\CHROME.EXE\Capabilities\
URLAssociations]
"ftp"="ChromiumURL"
"http"="ChromiumURL"
"https"="ChromiumURL"
[HKEY_LOCAL_MACHINE\SOFTWARE\Clients\StartMenuInternet\CHROME.EXE\DefaultIcon]
@="C:\PORT\CHROME\BIN\CHROME\CHROME.EXE,0"
[HKEY_LOCAL_MACHINE\SOFTWARE\Clients\StartMenuInternet\CHROME.EXE\shell\open\
command]
@="\"C:\PORT\CHROME\BIN\CHROME\CHROME.EXE\" \"%1\"""
[HKEY_LOCAL_MACHINE\SOFTWARE\Clients\StartMenuInternet\X-Chromium.exe]
@="X-Chromium"
[HKEY_LOCAL_MACHINE\SOFTWARE\Clients\StartMenuInternet\X-Chromium.exe\
Capabilities]
"ApplicationDescription"="X-Chromium web browser"
"ApplicationIcon"="C:\PORT\CHROME\X-Chromium.exe,0"
"ApplicationName"="Chromium"
"AppUserModelID"="winPenPack.X-ChromiumLauncher.Default"
[HKEY_LOCAL_MACHINE\SOFTWARE\Clients\StartMenuInternet\X-Chromium.exe\
Capabilities\FileAssociations]
".htm"="ChromiumHTML"
".html"="ChromiumHTML"
".shtml"="ChromiumHTML"
".xht"="ChromiumHTML"
".xhtml"="ChromiumHTML"
".website"="XChromium.exe_.website"
[HKEY_LOCAL_MACHINE\SOFTWARE\Clients\StartMenuInternet\X-Chromium.exe\
Capabilities\StartMenu]
"StartMenuInternet"="X-Chromium.exe"
[HKEY_LOCAL_MACHINE\SOFTWARE\Clients\StartMenuInternet\X-Chromium.exe\
Capabilities\URLAssociations]
"ftp"="ChromiumURL"
"http"="ChromiumURL"
"https"="ChromiumURL"
[HKEY_LOCAL_MACHINE\SOFTWARE\Clients\StartMenuInternet\X-Chromium.exe\
DefaultIcon]
@="C:\PORT\CHROME\X-Chromium.exe,0"
[HKEY_LOCAL_MACHINE\SOFTWARE\Clients\StartMenuInternet\X-Chromium.exe\shell\
open\command]
@="\"C:\PORT\CHROME\X-Chromium.exe\" \"%1\"""
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\MediaPlayer\ShimInclusionList\CHROME.EXE]
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\MediaPlayer\ShimInclusionList\X-
Chromium.exe]
[HKEY_LOCAL_MACHINE\SOFTWARE\RegisteredApplications]
"Chromium"="Software\Clients\StartMenuInternet\CHROME.EXE\Capabilities"
"X-Chromium"="Software\Clients\StartMenuInternet\X-Chromium\Capabilities"
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Internet Explorer\ProtocolExecute\
ChromiumHTML]
"WarnOnOpen"=dword:0
[HKEY_CURRENT_USER\Software\Microsoft\Internet Explorer\ProtocolExecute\
ChromiumHTML]
"WarnOnOpen"=dword:0
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Internet Explorer\ProtocolExecute\
ChromiumURL]
"WarnOnOpen"=dword:0
[HKEY_CURRENT_USER\Software\Microsoft\Internet Explorer\ProtocolExecute\
ChromiumURL]
"WarnOnOpen"=dword:0
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Internet Explorer\ProtocolExecute\
ChromeHTML]
```



```
"WarnOnOpen"=dword:0
[HKEY_CURRENT_USER\Software\Microsoft\Internet Explorer\ProtocolExecute\
ChromeHTML]
"WarnOnOpen"=dword:0
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Internet Explorer\ProtocolExecute\
ChromeURL]
"WarnOnOpen"=dword:0
[HKEY_CURRENT_USER\Software\Microsoft\Internet Explorer\ProtocolExecute\
ChromeURL]
"WarnOnOpen"=dword:0
[HKEY_LOCAL_MACHINE\SOFTWARE\RegisteredApplications]
"winPenPack X-Chromium Launcher"="Software\clients\StartMenuInternet\
winPenPack X-Chromium Launcher\Capabilities"
[HKEY_LOCAL_MACHINE\SOFTWARE\clients\StartMenuInternet\winPenPack X-Chromium
Launcher]
@="winPenPack X-Chromium Launcher"
[HKEY_LOCAL_MACHINE\SOFTWARE\clients\StartMenuInternet\winPenPack X-Chromium
Launcher\Capabilities]
"ApplicationName"="winPenPack X-Chromium Launcher"
"ApplicationIcon"="C:\PORT\CHROME\X-Chromium.exe,0"
"ApplicationDescription"="Chromium is a fast web browser for Windows."
[HKEY_LOCAL_MACHINE\SOFTWARE\clients\StartMenuInternet\winPenPack X-Chromium
Launcher\Capabilities\FileAssociations]
".xhtml"="ChromeHTML"
".xht"="ChromeHTML"
".shtml"="ChromeHTML"
".html"="ChromeHTML"
".htm"="ChromeHTML"
".website"="XChromium.exe_website"
[HKEY_LOCAL_MACHINE\SOFTWARE\clients\StartMenuInternet\winPenPack X-Chromium
Launcher\Capabilities\Startmenu]
"StartMenuInternet"="winPenPack X-Chromium Launcher"
[HKEY_LOCAL_MACHINE\SOFTWARE\clients\StartMenuInternet\winPenPack X-Chromium
Launcher\Capabilities\URLAssociations]
"webcal"="ChromeHTML"
"urn"="ChromeHTML"
"tel"="ChromeHTML"
"smsto"="ChromeHTML"
"sms"="ChromeHTML"
"nntp"="ChromeHTML"
"news"="ChromeHTML"
"mms"="ChromeHTML"
"mailto"="ChromeHTML"
"irc"="ChromeHTML"
"https"="ChromeHTML"
"http"="ChromeHTML"
"ftp"="ChromeHTML"
[HKEY_LOCAL_MACHINE\SOFTWARE\clients\StartMenuInternet\winPenPack X-Chromium
Launcher\DefaultIcon]
@="C:\PORT\CHROME\X-Chromium.exe,0"
[HKEY_LOCAL_MACHINE\SOFTWARE\clients\StartMenuInternet\winPenPack X-Chromium
Launcher\InstallInfo]
"IconsVisible"=dword:1
"ShowIconsCommand"="\"C:\PORT\CHROME\X-Chromium.exe\" --show-icons"
"HideIconsCommand"="\"C:\PORT\CHROME\X-Chromium.exe\" --hide-icons"
"ReinstallCommand"="\"C:\PORT\CHROME\X-Chromium.exe\" --make-default-browser"
[HKEY_LOCAL_MACHINE\SOFTWARE\clients\StartMenuInternet\winPenPack X-Chromium
Launcher\shell\open\command]
@="\"C:\PORT\CHROME\X-Chromium.exe\" \"%1\""
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\IE.AssocFile.URL\shell\Open]
"Icon"="C:\PORT\CHROME\X-Chromium.exe,0"
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\IE.AssocFile.URL\shell\Open\command]
@="\"C:\PORT\CHROME\X-Chromium.exe\" \"%1\""
[HKEY_CURRENT_USER\Software\Classes\IE.AssocFile.URL\shell\Open]
```

```
"Icon"="C:\\PORT\\CHROME\\X-Chromium.exe,0"
[HKEY_CURRENT_USER\\Software\\Classes\\IE.AssocFile.URL\\shell\\Open\\command]
@="\"C:\\PORT\\CHROME\\X-Chromium.exe\" \"%1\""
[HKEY_LOCAL_MACHINE\\SOFTWARE\\Microsoft\\Internet Explorer\\Capabilities\\
FileAssociations]
".website"="XChromium.exe_.website"
[HKEY_LOCAL_MACHINE\\SOFTWARE\\Classes\\.website]
@="XChromium.exe_.website"
"Content Type"="application/x-mswebsite"
"PerceivedType"="System"
[HKEY_LOCAL_MACHINE\\SOFTWARE\\Classes\\.website\\OpenWithProgIds]
"XChromium.exe_.website"=""
[HKEY_LOCAL_MACHINE\\SOFTWARE\\Classes\\IE.AssocFile.WEBSITE]
@="Pinned Site Shortcut"
"EditFlags"=dword:1
"FriendlyTypeName"="winPenPack X-Chromium Launcher"
"IsShortcut"=""
"NeverShowExt"=""
[HKEY_LOCAL_MACHINE\\SOFTWARE\\Classes\\XChromium.exe_.website\\DefaultIcon]
@="\"C:\\PORT\\CHROME\\X-Chromium.exe,0"
[HKEY_LOCAL_MACHINE\\SOFTWARE\\Classes\\XChromium.exe_.website\\Shell\\Open\\Command]
@="\"C:\\PORT\\CHROME\\X-Chromium.exe\" \"%1\""
[HKEY_LOCAL_MACHINE\\SOFTWARE\\Classes\\IE.AssocFile.WEBSITE\\DefaultIcon]
@="\"C:\\PORT\\CHROME\\X-Chromium.exe,0"
[HKEY_LOCAL_MACHINE\\SOFTWARE\\Classes\\IE.AssocFile.WEBSITE\\Shell\\Open\\Command]
@="\"C:\\PORT\\CHROME\\X-Chromium.exe\" \"%1\""
[HKEY_LOCAL_MACHINE\\SOFTWARE\\Classes\\XChromium.exe_.website]
@="Pinned Site Shortcut"
"EditFlags"=dword:1
"FriendlyTypeName"="winPenPack X-Chromium Launcher"
"IsShortcut"=""
"NeverShowExt"=""
[HKEY_LOCAL_MACHINE\\SOFTWARE\\Classes\\XChromium.exe_.website\\DefaultIcon]
@="\"C:\\PORT\\CHROME\\X-Chromium.exe,0"
[HKEY_LOCAL_MACHINE\\SOFTWARE\\Classes\\XChromium.exe_.website\\Shell\\Open\\Command]
@="\"C:\\PORT\\CHROME\\X-Chromium.exe\" \"%1\""
[HKEY_LOCAL_MACHINE\\SOFTWARE\\Classes\\Microsoft.Website]
@="Pinned Site Shortcut"
"EditFlags"=dword:1
"FriendlyTypeName"="winPenPack X-Chromium Launcher"
"IsShortcut"=""
"NeverShowExt"=""
[HKEY_LOCAL_MACHINE\\SOFTWARE\\Classes\\Microsoft.Website\\DefaultIcon]
@="\"C:\\PORT\\CHROME\\X-Chromium.exe,0"
[HKEY_LOCAL_MACHINE\\SOFTWARE\\Classes\\Microsoft.Website\\Shell\\Open\\Command]
@="\"C:\\PORT\\CHROME\\X-Chromium.exe\" \"%1\""
[HKEY_CURRENT_USER\\Software\\Microsoft\\Windows\\CurrentVersion\\Explorer\\
FileExts\\.website\\OpenWithProgids]
"XChromium.exe_.website"=hex(0):
[HKEY_CURRENT_USER\\Software\\Microsoft\\Windows\\CurrentVersion\\Explorer\\
FileExts\\.website\\UserChoice]
"ProgId"="Applications\\XChromium.exe"
[HKEY_CURRENT_USER\\Software\\Classes\\.website\\OpenWithList\\XChromium.exe]
[HKEY_LOCAL_MACHINE\\Software\\Policies\\Google\\Chrome]
"ChromeCleanupEnabled"=dword:0
"ChromeCleanupReportingEnabled"=dword:0
"AdsSettingForIntrusiveAdsSites"=dword:1
"AllowDeletingBrowserHistory"=dword:1
"AllowDinosaurEasterEgg"=dword:1
"AllowFileSelectionDialogs"=dword:1
"AllowOutdatedPlugins"=dword:1
"AutoFillEnabled"=dword:1
"AutofillCreditCardEnabled"=dword:1
"AutoplayAllowed"=dword:1
```

"BackgroundModeEnabled"=dword:0
"BlockThirdPartyCookies"=dword:0
"BookmarkBarEnabled"=dword:1
"BuiltInDnsClientEnabled"=dword:1
"ComponentUpdatesEnabled"=dword:1
"DefaultGeolocationSetting"=dword:0
"DefaultNotificationsSetting"=dword:0
"DefaultPluginsSetting"=dword:1
"DefaultSearchProviderSearchURL"="http://www.google.com/search?q={searchTerms}"
"DeveloperToolsDisabled"=dword:0
"Disable3DAPIS"=dword:0
"DownloadRestrictions"=dword:0
"EditBookmarksEnabled"=dword:1
"ForceBrowserSignin"=dword:0
"ForceGoogleSafeSearch"=dword:0
"ForceYouTubeRestrict"=dword:0
"FullscreenAllowed"=dword:1
"HardwareAccelerationModeEnabled"=dword:1
"HideWebStoreIcon"=dword:1
"HomepageIsNewTabPage"=dword:1
"HomepageLocation"="chrome://newtab"
"ImportAutofillFormData"=dword:1
"ImportBookmarks"=dword:1
"ImportHistory"=dword:0
"ImportHomepage"=dword:0
"ImportSavedPasswords"=dword:1
"ImportSearchEngine"=dword:0
"IncognitoModeAvailability"=dword:1
"MetricsReportingEnabled"=dword:0
"NetworkPredictionOptions"=dword:1
"NewTabPageLocation"="chrome://newtab"
"PasswordManagerEnabled"=dword:1
"PromptForDownloadLocation"=dword:0
"RelaunchNotification"=dword:0
"RunAllFlashInAllowMode"=dword:1
"SafeBrowsingEnabled"=dword:1
"SafeBrowsingExtendedReportingEnabled"=dword:0
"SavingBrowserHistoryDisabled"=dword:1
"SearchSuggestEnabled"=dword:1
"ShowAppsShortcutInBookmarkBar"=dword:0
"ShowCastIconInToolbar"=dword:0
"ShowHomeButton"=dword:1
"SitePerProcess"=dword:1
"SpellCheckServiceEnabled"=dword:0
"SpellCheckEnabled"=dword:0
"SuppressUnsupportedOSWarning"=dword:1
"SyncDisabled"=dword:1
"TaskManagerEndProcessEnabled"=dword:1
"ThirdPartyBlockingEnabled"=dword:0
"TranslateEnabled"=dword:1
"WPADQuickCheckEnabled"=dword:0
"WelcomePageOnOSUpgradeEnabled"=dword:0
[HKEY_LOCAL_MACHINE\Software\Policies\Google\Chrome\Recommended]
"AdsSettingForIntrusiveAdsSites"=dword:1
"AllowDeletingBrowserHistory"=dword:1
"AllowDinosaurEasterEgg"=dword:1
"AllowFileSelectionDialogs"=dword:1
"AllowOutdatedPlugins"=dword:1
"AutofillEnabled"=dword:1
"AutofillCreditCardEnabled"=dword:1
"AutoplayAllowed"=dword:1
"BackgroundModeEnabled"=dword:0
"BlockThirdPartyCookies"=dword:0
"BookmarkBarEnabled"=dword:1

"BuiltInDnsClientEnabled"=dword:1
"ComponentUpdatesEnabled"=dword:1
"DefaultGeolocationSetting"=dword:0
"DefaultNotificationsSetting"=dword:0
"DefaultPluginsSetting"=dword:1
"DefaultSearchProviderSearchURL"="http://www.google.com/search?q={searchTerms}"
"DeveloperToolsDisabled"=dword:0
"Disable3DAPIS"=dword:0
"DownloadRestrictions"=dword:0
"EditBookmarksEnabled"=dword:1
"ForceBrowserSignin"=dword:0
"ForceGoogleSafeSearch"=dword:0
"ForceYouTubeRestrict"=dword:0
"FullscreenAllowed"=dword:1
"HardwareAccelerationModeEnabled"=dword:1
"HideWebStoreIcon"=dword:1
"HomepageIsNewTabPage"=dword:1
"HomepageLocation"="chrome://newtab"
"ImportAutofillFormData"=dword:1
"ImportBookmarks"=dword:1
"ImportHistory"=dword:0
"ImportHomepage"=dword:0
"ImportSavedPasswords"=dword:1
"ImportSearchEngine"=dword:0
"IncognitoModeAvailability"=dword:1
"MetricsReportingEnabled"=dword:0
"NetworkPredictionOptions"=dword:1
"NewTabPageLocation"="chrome://newtab"
"PasswordManagerEnabled"=dword:1
"PromptForDownloadLocation"=dword:0
"RelaunchNotification"=dword:0
"RunAllFlashInAllowMode"=dword:1
"SafeBrowsingEnabled"=dword:1
"SafeBrowsingExtendedReportingEnabled"=dword:0
"SavingBrowserHistoryDisabled"=dword:1
"SearchSuggestEnabled"=dword:1
"ShowAppsShortcutInBookmarkBar"=dword:0
"ShowCastIconInToolbar"=dword:0
"ShowHomeButton"=dword:1
"SitePerProcess"=dword:1
"SpellCheckServiceEnabled"=dword:0
"SpellCheckEnabled"=dword:0
"SuppressUnsupportedOSWarning"=dword:1
"SyncDisabled"=dword:1
"TaskManagerEndProcessEnabled"=dword:1
"ThirdPartyBlockingEnabled"=dword:0
"TranslateEnabled"=dword:1
"WPADQuickCheckEnabled"=dword:0
"WelcomePageOnOSUpgradeEnabled"=dword:0
[HKEY_CURRENT_USER\Software\Policies\Google\Chrome]
"AdsSettingForIntrusiveAdsSites"=dword:1
"AllowDeletingBrowserHistory"=dword:1
"AllowDinosaurEasterEgg"=dword:1
"AllowFileSelectionDialogs"=dword:1
"AllowOutdatedPlugins"=dword:1
"AutoFillEnabled"=dword:1
"AutofillCreditCardEnabled"=dword:1
"AutoplayAllowed"=dword:1
"BackgroundModeEnabled"=dword:0
"BlockThirdPartyCookies"=dword:0
"BookmarkBarEnabled"=dword:1
"BuiltInDnsClientEnabled"=dword:1
"ComponentUpdatesEnabled"=dword:1
"DefaultGeolocationSetting"=dword:0

"DefaultNotificationsSetting"=dword:0
"DefaultPluginsSetting"=dword:1
"DefaultSearchProviderSearchURL"="http://www.google.com/search?q={searchTerms}"
"DeveloperToolsDisabled"=dword:0
"Disable3DAPIS"=dword:0
"DownloadRestrictions"=dword:0
"EditBookmarksEnabled"=dword:1
"ForceBrowserSignin"=dword:0
"ForceGoogleSafeSearch"=dword:0
"ForceYouTubeRestrict"=dword:0
"FullscreenAllowed"=dword:1
"HardwareAccelerationModeEnabled"=dword:1
"HideWebStoreIcon"=dword:1
"HomepageIsNewTabPage"=dword:1
"HomepageLocation"="chrome://newtab"
"ImportAutofillFormData"=dword:1
"ImportBookmarks"=dword:1
"ImportHistory"=dword:0
"ImportHomepage"=dword:0
"ImportSavedPasswords"=dword:1
"ImportSearchEngine"=dword:0
"IncognitoModeAvailability"=dword:1
"MetricsReportingEnabled"=dword:0
"NetworkPredictionOptions"=dword:1
"NewTabPageLocation"="chrome://newtab"
"PasswordManagerEnabled"=dword:1
"PromptForDownloadLocation"=dword:0
"RelaunchNotification"=dword:0
"RunAllFlashInAllowMode"=dword:1
"SafeBrowsingEnabled"=dword:1
"SafeBrowsingExtendedReportingEnabled"=dword:0
"SavingBrowserHistoryDisabled"=dword:1
"SearchSuggestEnabled"=dword:1
"ShowAppsShortcutInBookmarkBar"=dword:0
"ShowCastIconInToolbar"=dword:0
"ShowHomeButton"=dword:1
"SitePerProcess"=dword:1
"SpellCheckServiceEnabled"=dword:0
"SpellCheckEnabled"=dword:0
"SuppressUnsupportedOSWarning"=dword:1
"SyncDisabled"=dword:1
"TaskManagerEndProcessEnabled"=dword:1
"ThirdPartyBlockingEnabled"=dword:0
"TranslateEnabled"=dword:1
"WPADQuickCheckEnabled"=dword:0
"WelcomePageOnOSUpgradeEnabled"=dword:0
[HKEY_CURRENT_USER\Software\Policies\Google\Chrome\Recommended]
"AdsSettingForIntrusiveAdsSites"=dword:1
"AllowDeletingBrowserHistory"=dword:1
"AllowDinosaurEasterEgg"=dword:1
"AllowFileSelectionDialogs"=dword:1
"AllowOutdatedPlugins"=dword:1
"AutoFillEnabled"=dword:1
"AutofillCreditCardEnabled"=dword:1
"AutoplayAllowed"=dword:1
"BackgroundModeEnabled"=dword:0
"BlockThirdPartyCookies"=dword:0
"BookmarkBarEnabled"=dword:1
"BuiltInDnsClientEnabled"=dword:1
"ComponentUpdatesEnabled"=dword:1
"DefaultGeolocationSetting"=dword:0
"DefaultNotificationsSetting"=dword:0
"DefaultPluginsSetting"=dword:1
"DefaultSearchProviderSearchURL"="http://www.google.com/search?q={searchTerms}"

```
"DeveloperToolsDisabled"=dword:0
"Disable3DAPIS"=dword:0
"DownloadRestrictions"=dword:0
"EditBookmarksEnabled"=dword:1
"ForceBrowserSignin"=dword:0
"ForceGoogleSafeSearch"=dword:0
"ForceYouTubeRestrict"=dword:0
"FullscreenAllowed"=dword:1
"HardwareAccelerationModeEnabled"=dword:1
"HideWebStoreIcon"=dword:1
"HomepageIsNewTabPage"=dword:1
"HomepageLocation"="chrome://newtab"
"ImportAutofillFormData"=dword:1
"ImportBookmarks"=dword:1
"ImportHistory"=dword:0
"ImportHomepage"=dword:0
"ImportSavedPasswords"=dword:1
"ImportSearchEngine"=dword:0
"IncognitoModeAvailability"=dword:1
"MetricsReportingEnabled"=dword:0
"NetworkPredictionOptions"=dword:1
"NewTabPageLocation"="chrome://newtab"
>PasswordManagerEnabled"=dword:1
"PromptForDownloadLocation"=dword:0
"RelaunchNotification"=dword:0
"RunAllFlashInAllowMode"=dword:1
"SafeBrowsingEnabled"=dword:1
"SafeBrowsingExtendedReportingEnabled"=dword:0
"SavingBrowserHistoryDisabled"=dword:1
"SearchSuggestEnabled"=dword:1
"ShowAppsShortcutInBookmarkBar"=dword:0
"ShowCastIconInToolbar"=dword:0
"ShowHomeButton"=dword:1
"SitePerProcess"=dword:1
"SpellCheckServiceEnabled"=dword:0
"SpellCheckEnabled"=dword:0
"SuppressUnsupportedOSWarning"=dword:1
"SyncDisabled"=dword:1
"TaskManagerEndProcessEnabled"=dword:1
"ThirdPartyBlockingEnabled"=dword:0
"TranslateEnabled"=dword:1
"WPADQuickCheckEnabled"=dword:0
>WelcomePageOnOSUpgradeEnabled"=dword:0
```

```
;
```

```
-----End cut & paste here-----
Windows 10/11 default locations of all Edge + related
app(lication)s/launchers/processes/services EXecutables (.exe):
%UserProfile%\AppData\Local\Microsoft\WindowsApps\MicrosoftEdge.exe
%WinDir%\SystemApps\Microsoft.MicrosoftEdge_8wekyb3d8bbwe\MicrosoftEdge.exe
%WinDir%\System32\LaunchWinApp.exe
%WinDir%\SysWOW64\LaunchWinApp.exe
%WinDir%\System32\MicrosoftEdgeBCHost.exe
%WinDir%\System32\MicrosoftEdgeCP.exe
%WinDir%\System32\MicrosoftEdgeDevTools.exe
%WinDir%\System32\MicrosoftEdgeSH.exe
%ProgramFiles%\Microsoft\Edge\Application\89.0.774.68\elevation_service.exe
%ProgramFiles%\Microsoft\Edge\Application\92.0.902.67\elevation_service.exe
%ProgramFiles%\Microsoft\Edge\Application\108.0.1462.46\elevation_service.exe
%ProgramFiles(x86)%\Microsoft\Edge\Application\89.0.774.68\elevation_service.exe
%ProgramFiles(x86)%\Microsoft\Edge\Application\92.0.902.67\elevation_service.exe
%ProgramFiles(x86)%\Microsoft\Edge\Application\108.0.1462.46\
elevation_service.exe
%ProgramFiles(x86)%\Microsoft\EdgeCore\89.0.774.68\elevation_service.exe
%ProgramFiles(x86)%\Microsoft\EdgeCore\92.0.902.67\elevation_service.exe
```

%ProgramFiles(x86)%\Microsoft\EdgeCore\108.0.1462.46\elevation_service.exe
%ProgramFiles%\Microsoft\EdgeUpdate\MicrosoftEdgeUpdate.exe
%ProgramFiles(x86)%\Microsoft\EdgeUpdate\MicrosoftEdgeUpdate.exe

TIP:

Windows NTx built-in/default/pre-installed/preset machine/system (apply to all users on the same machine) + local/user (apply only to the current/logged on user) environment variables used for target system/user directories/folders:

<http://www.ss64.com/nt/syntax-variables.html>

<http://pureinfotech.com/list-environment-variables-windows-10/>

<http://www.computerhope.com/issues/ch000549.htm>

- %ProgramFiles% = usually C:\Program Files [exists in Windows 32-bit (x86) + Windows 64-bit (x64)].

- %ProgramFiles(x86)% = usually C:\Program Files (x86) [exists only in Windows 64-bit (x64)].

- %UserProfile% = usually C:\Users%\UserName% .

- %WinDir% = usually C:\WINDOWS [same as %SystemRoot%].

View the list of all your windows operating system (OS) environment variables from a DOS console command prompt

[%WinDir%\SYSTEM32\CMD.EXE]: right-click CMD shortcut/CMD.EXE -> Run as Administrator -> type this command

SET

-> press Enter.

OR

Save it to a plain text/ASCII (.txt) file: from a DOS console command prompt

[%WinDir%\SYSTEM32\CMD.EXE]: right-click CMD

shortcut/CMD.EXE -> Run as Administrator -> type same command above followed by the name of the file (in this example it

will be saved in C:\ root)

SET>C:\Windows_Environment_Variables.txt

-> press Enter -> use Notepad/similar/better free(ware) plain text/ASCII editor/viewer

<http://www.mdgx.com/toy.htm#TXT>

to view saved text file contents.

IMPORTANT:

In some cases you may need to change the default Microsoft web browser [Edge or Internet Explorer (IE)] to match your favorite/preferred existing/installed/registered web browser for (D)HTML/XML/PHP documents [.htm, .html, .dhtm, .dhtml,

.xhtm, .xhtml, .xml, .php, .php4, .php5, etc] by hand: Explorer -> right-click any of your local drives/partitions/volumes

containing an .htm file (and then repeat same steps for all other formats listed above) -> select Properties -> under Opens

with: click "Change..." button -> under Other options click "More apps |" -> in case your favorite web browser name is not

listed scroll all the way to the bottom -> click "Look for another app on this PC" -> scroll to your local

drive/partition/volume (sub)folder where your favorite web browser executable (.exe) is located -> double-click it -> click

Open button -> click Apply button.

Change/Set the default web browser to match your favorite/preferred existing/installed/registered web browser, any other

than Edge [or Internet Explorer (IE)] (examples):

<http://www.androidauthority.com/how-to-change-the-default-browser-in-windows-10-987604/>

<http://www.avg.com/en/signal/set-your-default-browser/>

<http://support.google.com/chrome/answer/95417/>

<http://support.mozilla.org/kb/how-change-your-default-browser-firefox-windows/>

<http://www.computerworld.com/article/3229068/>

<http://www.cloudwards.net/how-to-disable-microsoft-edge/>

<http://support.microsoft.com/windows/change-your-default-browser-in-windows-10-020c58c6-7d77-797a-b74e-8f07946c5db6>

Windows Updates (WU) Catalog, Listings + Guides

* NOTE:

Microsoft Updates/Upgrades/Service Packs (SPs)/(Hot)Fixes/Patches/Drivers/etc listed here are for United States (US) English [en-US] language Windows NTx Operating Systems (OSes) 32-bit (x86) + 64-bit (x64) builds/editions/releases/versions.

Microsoft Windows Updates (WU) are available for all supported languages.

<http://learn.microsoft.com/windows/win32/intl/national-language-support/>

Microsoft Updates Catalog lists Windows Updates (WU) in all supported languages:

<http://www.catalog.update.microsoft.com/search.aspx?q=Windows%207%20Update>

More info:

<http://www.science.co.il/language/Locale-codes.php>

http://en.wikipedia.org/wiki/Internationalization_and_localization

* Must uninstall/remove Windows 10/11 Updates/Upgrades/(Hot)Fixes/Patches/etc which expose/render vulnerable your computer(s)/device(s) to:

- auditing,
- data/info/stats collection/logging,
- (diagnostic) tracking,
- fingerprinting,
- (geo)location detection/tracking,
- (geo)marketing,
- intrusion/invasion of privacy,
- "customer experience",
- personalized/targeted ad(vertisement)s/adware,
- promo(tion)s,
- spoofing,
- spying/spyware,
- surveillance,
- telemetry snooping ("phone home"),
- tracking,
- unwanted "offers".

See "Turn OFF/Postpone/Block/Uninstall Windows Updates (WU)" chapter further above + "Turn OFF/Remove Windows 10 Adware, Spyware, Security Flaws + Repair/Restore Privacy" chapter further below.

* Windows Updates (WU) Catalog, Listings + Guides:

- Windows 11 Updates Catalog:

<http://www.catalog.update.microsoft.com/search.aspx?q=%22Windows%2011%22>

- Windows 10 Updates Catalog:

<http://www.catalog.update.microsoft.com/search.aspx?q=%22Windows%2010%22>

- Windows 2022 Server Updates Catalog [unreleased yet!]:

<http://www.catalog.update.microsoft.com/search.aspx?q=%22Windows%20Server%202022%22>

- Windows 2019 Server Updates Catalog:

<http://www.catalog.update.microsoft.com/search.aspx?q=%22Windows%20Server%202019%22>

- Windows 2016 Server Updates Catalog:

<http://www.catalog.update.microsoft.com/search.aspx?q=%22Windows%20Server%202016%22>

Download desired/needed Update(s)/Fix(es)/Patch(es) to your local

disk/media/storage device -> right-click each

.CAB/.EXE/.MSI/.MSP/.MSU file -> Run as Administrator -> follow on screen instructions -> restart/reboot (if prompted).

- Windows 10/11/2016/2019/2022 Updates FAQ:

<http://windows.microsoft.com/windows/windows-update/>

- Microsoft Security Advisories + Bulletins:
<http://learn.microsoft.com/security-updates/>
- ComputerWorld: Windows 11: A guide to the updates:
<http://www.computerworld.com/article/3636790/windows-11-a-guide-to-the-updates.html>
- ComputerWorld: Windows 10: A guide to the updates:
<http://www.computerworld.com/article/3199077/windows-10-a-guide-to-the-updates.html>
- ERPMan's Windows 10 System Updates:
<http://erpman1.tripod.com/win10upd.html>
- THFS: List of Windows 10 Updates/(Hot)Fixes/Patches:
http://thehotfixshare.net/board/?/search/&q=%22Windows%2010%22&type=downloads_file
- Windows 10 Cumulative Updates List:
<http://www.howto-connect.com/windows-10-cumulative-updates-list/>
- Windows 10 Updates Guide:
<http://www.computerworld.com/article/3199077/windows-10-a-guide-to-the-updates.html>
- Windows 10 Updates News:
<http://www.windowslatest.com/windows-10-news/>
- ElevenForum: Windows 11 News:
<http://www.elevenforum.com/news/>
- TenForums: Windows 10 News:
<http://www.tenforums.com/windows-10-news/>
- Understand Windows 10 Update Names and Numbers:
<http://www.howtogeek.com/697411/read-this-to-understand-windows-10-update-names-and-numbers/>
- Guide to managing Microsoft Patch Tuesday:
<http://www.techrepublic.com/article/insiders-guide-to-managing-microsoft-patch-tuesday/>
- Every Last Thing About Windows Update (WU) for Windows 7/newer:
<http://www.makeuseof.com/tag/how-to-find-out-every-last-thing-about-windows-update/>
- Install Manually Offline CAB (.cab), EXE (.exe) + MSU (.msu) Updates:
<http://woshub.com/manually-install-cab-msu-updates-windows/>
- Manually check for updates on Windows 10 computer and install them:
<http://www.businessinsider.com/how-to-check-for-updates-on-windows-10/>
- Prevent specific Windows 10 Update or Driver from installing:
<http://www.repairwin.com/prevent-a-specific-windows-update-or-driver-from-installing-in-windows-10/>
- MajorGeeks: Windows Updates (WU) tools [free(ware)]:
http://www.majorgeeks.com/mg/sortname/windows_update.html

* Windows 7/8/8.1/10 32-bit + 64-bit Updates disable Intel Broadwell + Haswell CPUs Meltdown/Spectre Variants "Branch target

injection vulnerability" errors/reboots after Intel CPU firmware update(s):

- MSKB KB4090007 Fix 32-bit + 64-bit for Windows 10/2016 32-bit (x86) + 64-bit (x64):

<http://support.microsoft.com/help/4090007/>

Microsoft Catalog Files for KB4090007 Update:

<http://www.catalog.update.microsoft.com/search.aspx?q=KB4090007>

- MSKB KB4078130 Fix 32-bit + 64-bit for Windows 7/2008 R2/8/20012/8.1/2012 R2/10/2016 32-bit (x86) + 64-bit (x64):

<http://support.microsoft.com/help/4078130/>

Microsoft Catalog File for KB4078130 Update:

<http://www.catalog.update.microsoft.com/search.aspx?q=KB4078130>

File:

http://download.windowsupdate.com/c/msdownload/update/software/crup/2018/01/kb4078130_b86f0bf2dc0866a0e117ed2d4a5302fab0493a7b.exe

Intel CPUs Updates:

<http://newsroom.intel.com/news/intel-security-issue-update-addressing-reboot-issues/>

Intel CPUs Info [PDF]:

<http://newsroom.intel.com/wp-content/uploads/sites/11/2018/04/microcode-update->

guidance.pdf

InSpectre for Windows 10/11 detects operating system (OS) ability to prevent Meltdown + Spectre vulnerability attacks against Intel Broadwell + Haswell CPUs + necessity of installing respective update(s):

<http://www.grc.com/inspectre.htm>

File:

<http://www.grc.com/files/InSpectre.exe>

* Windows 8.1/newer Windows Update (WU) logs generated by Event Tracing for Windows (ETW):

<http://learn.microsoft.com/windows/deployment/update/windows-update-logs/>
Convert Event Tracing for Windows (ETW) diagnostics file(s) [.etl] into readable plain text/ASCII file [.log]:

right-click PowerShell shortcut or C:\WINDOWS\SYSTEM32\WindowsPowerShell\v1.0\PowerShell.exe [default location in Windows

10/11] -> Run as Administrator -> run this command -> press Enter:

Get-WindowsUpdateLog

WU .etl files are generated in the %WinDir%\logs\WindowsUpdate directory/folder [%WinDir% = usually C:\WINDOWS].

Converted .log file will be created in the %WinDir% directory/folder by overriding any existing one:

%WinDir%\WindowsUpdate.log

View WindowsUpdate.log by using Notepad/similar/better free(ware) plain text/ASCII editor/viewer

<http://www.mdgx.com/toy.htm#TXT>

* MDGx Windows NTx Components, Add-ons, Extras, (Hot)Fixes, Patches, Upgrades, Updates:

- MDGx "Updates/(Hot)Fixes/Patches + Windows Update (WU)" chapter in WINDOWS7.TXT (included):

<http://www.mdgx.com/7.php>

<http://www.mdgx.com/WINDOWS7.TXT>

- MDGx Windows Updates (WU) Tools [free(ware)] -> "TOOLS 10/11" chapter in TOOLS.TXT (included):

<http://www.mdgx.com/tools.php>

<http://www.mdgx.com/TOOLS.TXT>

- MDGx Windows NTx Add-ons, Components, Essentials, Extras, Patches, Power Toys, Tools, Updates, Utilities [free(ware)] in SOFTWARE.TXT (included):

- MDGx Java Runtime Environment (JRE):

<http://www.mdgx.com/add.htm#JAVA>

- MDGx .NET Framework Redistributable (NFR):

<http://www.mdgx.com/add.htm#NFR>

- MDGx Visual Studio (VS) + Visual C++ (VC):

<http://www.mdgx.com/add.htm#VS6>

- MDGx Group Policy (GP):

<http://www.mdgx.com/xptoy.htm#GPO>

- MDGx File Manager (FM):

<http://www.mdgx.com/xptoy.htm#FMNT>

- MDGx Access Control Lists (ACL) + Ownership Tools:

<http://www.mdgx.com/xptoy.htm#ACL>

- MDGx NTFS Alternate Data Streams (ADS):

<http://www.mdgx.com/xptoy.htm#ADS>

- MDGx Free(ware) Windows NTx Extras:

<http://www.mdgx.com/xptoy.htm#2KXP>

- MDGx "1000+ Power Toys + Tweaking Tools [99.99% Free(ware)]":

<http://www.mdgx.com/toy.htm>

Turn OFF/Remove Windows 10 Adware, Spyware, Security Flaws + Repair/Restore Privacy

* Turn OFF/block/disable/remove/stop Windows 10/11 dangerous/insecure/unsafe, undesirable/unnecessary/unneeded/unused/useless, automatic/unattended behind-your-back/disguised/forced/harmful/hidden/intrusive/invasive/subversive/unwanted/without your approval/consent/knowledge/permission, annoying/bloat/resources consuming, diagnostic, telemetry ("phone home"), data collection/logging, customer "experience", unwanted "offers", ad(ware)/spyware/surveillance/tracking, security flaws/vulnerabilities + repair/restore privacy:

- Windows 11: A spyware machine out of users' control:
<http://www.techspot.com/news/97535-windows-control.html>
- Windows 11 Sends Tremendous Amount of User Data to Third Parties:
<http://www.tomshardware.com/news/windows-11-sends-user-data-to-third-party-services/>
- Windows 10: Privacy and data collection:
http://en.wikipedia.org/wiki/Windows_10#Privacy_and_data_collection
- Windows 10 Enterprise - Mother of all tweak scripts:
<http://www.reboot.pro/topic/20623-windows-10-enterprise-mother-of-all-tweak-scripts/>
- Windows 10 Privacy Guide, Batch files + Scripts:
<http://github.com/adolfinintel/Windows10-Privacy/>
- Windows 10 stop "phone home" (telemetry):
<http://gist.github.com/CHEF-KOCH/ca8fbf6bb7f6fa7bab06/>
- Disable Data Collection in Windows 10:
<http://www.msfm.org/board/topic/174160-guide-disable-data-collection-in-windows-10/>
- Disable Telemetry and Data Collection in Windows 10:
<http://www.winaero.com/blog/how-to-disable-telemetry-and-data-collection-in-windows-10/>
- Fix Windows 10 privacy + disable spyware:
<http://web.archive.org/web/20180323123837/http://fix10.isleaked.com/>
- Manage Windows 10 notification and upgrade options:
<http://support.microsoft.com/help/3080351/>
- Windows 10 telemetry secrets: where, when and why Microsoft collects your data:
<http://www.zdnet.com/article/windows-10-telemetry-secrets/>
- Windows 10: which services to disable?:
<http://www.wilderssecurity.com/threads/378804>
- Remove Bloat from Windows 10:
<http://www.hwinfo.com/misc/RemoveW10Bloat.htm>
- Disable Diagnostics Tracking (DiagTrack) service:
<http://www.ghacks.net/2015/05/12/how-to-disable-the-diagnostics-tracking-service-in-windows/>
- Disable Windows 10 Diagnostics Hub Standard Collector [diagnosticshub.standardcollector.service] service:
<http://www.hwinfo.com/misc/RemoveW10Bloat.htm>
- Disable Windows 10 WAP Push Message Routing (DmWAPPush) service:
<http://www.ghacks.net/2015/11/28/windows-10-new-services-list/>
- Disable Windows 10 Retail Demo (RetailDemo) service:
<http://www.tenforums.com/windows-10-news/8079-windows-10-has-secret-retail-demo-mode-new-app-video-loop.html>
- Disable Windows Event Collector [WECSvc] service:
http://www.computerstepbystep.com/windows_event_collector_service.html
- Rename/Disable Cortana + Stop SearchUI.exe:
<http://www.tenforums.com/software-apps/14300-how-permanently-disable-cortana-4.html>
- Stop SearchUI.exe in Windows 10:
<http://www.trishtech.com/2016/01/how-to-permanently-stop-searchui-exe-from-running-in-windows-10/>
- Stop Windows 10 from tracking + spying on you by using Windows (Defender) Firewall [W(D)F]:

<http://www.winaero.com/blog/stop-windows-10-spying-on-you-using-just-windows-firewall/>

- Windows 10 Tweaks:

<http://www.pastebin.com/m26z309a>

- Windows 10 Tweaks:

<http://www.tweakhound.com/2015/08/10/my-windows-10-tweaks/>

... Would you like to know more? ;-/

<http://www.youtube.com/watch?v=kdrjzE1SE58>

[http://en.wikipedia.org/wiki/Starship_Troopers_\(film\)#Politics_and_propaganda](http://en.wikipedia.org/wiki/Starship_Troopers_(film)#Politics_and_propaganda)

Some of these fixes + guides + tips may also work with Windows 11.

* Turn OFF Windows 10/11 Microsoft automatically generated behind-your-back/disguised/forced/harmful/hidden/intrusive/invasive/subversive/unwanted/without your

approval/consent/knowledge/permission unique for each logged in user apps,

connected devices, store, 3rd parties, partners,

etc spying/tracking advertising ID in order to be able to

block/disable/stop/turn OFF all

intrusive/unapproved/undesirable/without permission (not so) "relevant" ads:

<http://www.makeuseof.com/what-is-advertiser-id-windows-turn-off/>

<http://www.tenforums.com/tutorials/76453-advertising-id-relevant-ads-enable-disable-windows-10-a.html>

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer

<http://www.mdgx.com/toy.htm#TXT>

to create a plain text Registry file containing the lines between Cut & Paste delimiters below -> save it as plain

text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click

it -> Run as Administrator -> answer Yes/OK

to all prompts to register/merge/import its information into your registry.

-----Begin cut & paste here-----

REGEDIT4

[HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows\AdvertisingInfo]

"DisabledByGroupPolicy"=dword:1

[HKEY_CURRENT_USER\Software\Policies\Microsoft\Windows\AdvertisingInfo]

"DisabledByGroupPolicy"=dword:1

[HKEY_USERS\.DEFAULT\Software\Policies\Microsoft\Windows\AdvertisingInfo]

"DisabledByGroupPolicy"=dword:1

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\AdvertisingInfo]

"Enabled"=dword:0

[HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\AdvertisingInfo]

"Enabled"=dword:0

[HKEY_USERS\.DEFAULT\Software\Microsoft\Windows\CurrentVersion\AdvertisingInfo]

"Enabled"=dword:0

;

-----End cut & paste here-----

* Turn OFF Windows + MS Office telemetry, adware, data collection/logging,

"customer experience", unwanted "offers", Wi-Fi

Sense, AutoUpdate, Windows Defender, diagnostics logging/report,

(re)install/uninstall automatic/unattended

behind-your-back/disguised/forced/harmful/hidden/intrusive/invasive/subversive/

unwanted/without your

approval/consent/knowledge/permission, spyware/surveillance/tracking Windows

Updates (WU):

<http://www.winaero.com/blog/disable-defender-windows-10-fall-creators-update/>

<http://heimdalsecurity.com/en/windows-10-security-guide/privacy/>

<http://www.helpdeskgeek.com/windows-10/how-to-disable-windows-10-telemetry/>

<http://tosdr.org/#microsoft>

<http://tosdr.org/#microsoft-store>

<http://www.ss64.com/nt/syntax-reghacks.html>

<http://learn.microsoft.com/windows/privacy/windows-diagnostic-data/>

<http://privacy.microsoft.com/>

Winaero Tweaker 32-bit + 64-bit for Windows 7/8/8.1/10/11 [select Portable at

```
install time!]:
http://www.winaero.com/winaero-tweaker/
Download:
http://www.winaero.com/download-winaero-tweaker/
Winaero Tweaker Features:
http://www.winaero.com/the-list-of-winaero-tweaker-features/
TIP:
Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer
http://www.mdgx.com/toy.htm#TXT
to create a plain text Registry file containing the lines between Cut & Paste
delimiters below -> save it as plain
text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click
it -> Run as Administrator -> answer Yes/OK
to all prompts to register/merge/import its information into your registry.
-----Begin cut & paste here-----
REGEDIT4
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Policies\
DataCollection]
"Allow Telemetry"=dword:0
"AllowTelemetry"=dword:0
"DisableDeviceDelete"=-
"MaxTelemetryAllowed"=-
[HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows\DataCollection]
"Allow Telemetry"=dword:0
"AllowTelemetry"=dword:0
"DisableDeviceDelete"=-
"MaxTelemetryAllowed"=-
[HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Internet Explorer\Main]
"DoNotTrack"=dword:1
[HKEY_CURRENT_USER\Software\Policies\Microsoft\Internet Explorer\Main]
"DoNotTrack"=dword:1
[HKEY_USERS\.DEFAULT\Software\Policies\Microsoft\Internet Explorer\Main]
"DoNotTrack"=dword:1
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\WindowsBackup]
"DisableMonitoring"=dword:1
[HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Office\12.0\osm]
"Enablelogging"=dword:0
"EnableUpload"=dword:0
[HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Office\14.0\osm]
"Enablelogging"=dword:0
"EnableUpload"=dword:0
[HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Office\15.0\osm]
"Enablelogging"=dword:0
"EnableUpload"=dword:0
[HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Office\16.0\osm]
"Enablelogging"=dword:0
"EnableUpload"=dword:0
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Office\Common\ClientTelemetry]
"DisableTelemetry"=dword:1
[HKEY_CURRENT_USER\Software\Policies\Microsoft\Office\12.0\osm]
"Enablelogging"=dword:0
"EnableUpload"=dword:0
[HKEY_CURRENT_USER\Software\Policies\Microsoft\Office\14.0\osm]
"Enablelogging"=dword:0
"EnableUpload"=dword:0
[HKEY_CURRENT_USER\Software\Policies\Microsoft\Office\15.0\osm]
"Enablelogging"=dword:0
"EnableUpload"=dword:0
[HKEY_CURRENT_USER\Software\Policies\Microsoft\Office\16.0\osm]
"Enablelogging"=dword:0
"EnableUpload"=dword:0
[HKEY_CURRENT_USER\Software\Microsoft\Office\Common\ClientTelemetry]
"DisableTelemetry"=dword:1
[HKEY_USERS\.DEFAULT\Software\Policies\Microsoft\Office\12.0\osm]
```

```

"Enable logging"=dword:0
"Enable Upload"=dword:0
[HKEY_USERS\DEFAULT\Software\Policies\Microsoft\Office\14.0\osm]
"Enable logging"=dword:0
"Enable Upload"=dword:0
[HKEY_USERS\DEFAULT\Software\Policies\Microsoft\Office\15.0\osm]
"Enable logging"=dword:0
"Enable Upload"=dword:0
[HKEY_USERS\DEFAULT\Software\Policies\Microsoft\Office\16.0\osm]
"Enable logging"=dword:0
"Enable Upload"=dword:0
[HKEY_USERS\DEFAULT\Software\Microsoft\Office\Common\ClientTelemetry]
"DisableTelemetry"=dword:1
;
-----End cut & paste here-----

```

* Turn OFF/uninstall/disable Cortana, Cortana Search [SearchUI.exe], Web Search, Bing/MSN/Live/Microsoft Start Search +

Location Detection:

<http://www.addictivetips.com/windows-tips/disable-web-search-windows-10-april-update/>

<http://www.winaero.com/blog/how-to-uninstall-and-remove-cortana-in-windows-10/>

<http://thinkmobiles.com/blog/how-to-uninstall-cortana/>

<http://www.tomsguide.com/news/how-to-uninstall-cortana/>

<http://www.techsupportalert.com/content/how-disable-searchuiexe-windows-10.htm>

<http://thegeekpage.com/file-explorer-is-opening-too-slow/>

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-----Begin cut & paste here-----

REGEDIT4

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows\Windows Search]
```

```
"ConnectedSearchUseWebOverMeteredConnections"=dword:0
```

```
"AllowCortana"=dword:0
```

```
"DisableWebSearch"=dword:1
```

```
"ConnectedSearchUseWeb"=dword:0
```

```
[HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Search]
```

```
"CortanaConsent"=dword:0
```

```
"AllowSearchToUseLocation"=dword:0
```

```
"BingSearchEnabled"=dword:0
```

```
[HKEY_USERS\DEFAULT\Software\Microsoft\Windows\CurrentVersion\Search]
```

```
"CortanaConsent"=dword:0
```

```
"AllowSearchToUseLocation"=dword:0
```

```
"BingSearchEnabled"=dword:0
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\Local Settings\Software\Microsoft\Windows\CurrentVersion\AppContainer\Storage\microsoft.microsoftedge_8wekyb3d8bbwe\MicrosoftEdge\ServiceUI]
```

```
"EnableCortana"=dword:0
```

```
[HKEY_CURRENT_USER\Software\Classes\Local Settings\Software\Microsoft\Windows\CurrentVersion\AppContainer\Storage\microsoft.microsoftedge_8wekyb3d8bbwe\MicrosoftEdge\ServiceUI]
```

```
"EnableCortana"=dword:0
```

```
[HKEY_USERS\DEFAULT\Software\Classes\Local Settings\Software\Microsoft\Windows\CurrentVersion\AppContainer\Storage\microsoft.microsoftedge_8wekyb3d8bbwe\MicrosoftEdge\ServiceUI]
```

```
"EnableCortana"=dword:0
```

```
;
```

-----End cut & paste here-----

Uninstall + remove Cortana from Windows 10 using PowerShell console commands +

"Uninstall Cortana.cmd" batch file script:
<http://www.winaero.com/how-to-uninstall-and-remove-cortana-in-windows-10/>
Right-click PowerShell shortcut or C:\WINDOWS\SYSTEM32\WindowsPowerShell\v1.0\PowerShell.exe [default location in Windows 10/11] -> Run as Administrator -> run these commands -> press Enter after each line (depending on your Windows 10 build/edition/release/update/version):
Get-AppXPackage -AllUsers *Microsoft.549981C3F5F10* | Remove-AppXPackage
Get-AppXPackage -AllUsers
Microsoft.Windows.Cortana_1.13.0.18362_neutral_neutral_cw5n1h2txyewy | Remove-AppXPackage
Download "Uninstall Cortana.cmd" [ZIP file]:
<http://www.winaero.com/download.php?view.1832>
Right-click CMD shortcut/CMD.EXE -> Run as Administrator -> run these 6 commands -> press Enter after each line:
C:
CD "%WinDir%\SystemApps\Microsoft.Windows.Cortana_cw5n1h2txyewy"
TAKEOWN.EXE /f SearchUI.exe
ICACLS.EXE SearchUI.exe /grant Administrators:F
TASKKILL.EXE /IM SearchUI.exe /F /T
REN SearchUI.exe SearchUI.OLD
ICACLS.EXE:
<http://www.ss64.com/nt/icacls.html>
<http://learn.microsoft.com/windows-server/administration/windows-commands/icacls/>
<http://adamtheautomator.com/icacls/>
TAKEOWN.EXE:
<http://www.ss64.com/nt/takeown.html>
<http://learn.microsoft.com/windows-server/administration/windows-commands/takeown/>

* Turn OFF/block/disable/stop
ad(vertisement)s/adware/notifications/"offers"/promo(tion)s/surveillance/"suggestions",
spying, tracking + start using/switch to/turn ON Private (Incognito) Browsing in Cortana, Edge, Internet Explorer (IE) + Web
Search in order to enhance/improve your internet/online privacy, safety + strengthen your security level in Windows 10/11:
<http://www.thewindowsclub.com/opt-out-stop-personalized-windows-10/>
<http://www.howtogeek.com/269331/how-to-disable-all-of-windows-10s-built-in-advertising/>
<http://choice.microsoft.com/opt-out/>
<http://account.microsoft.com/privacy/>
<http://support.microsoft.com/windows/browsing-history-on-the-privacy-dashboard-550e772a-04c9-3e9a-3ec0-762519df5e11>
<http://support.microsoft.com/microsoft-edge/view-and-delete-browser-history-in-microsoft-edge-00cf7943-a9e1-975a-a33d-ac10ce454ca4>
<http://www.top-password.com/blog/delete-microsoft-edge-ie-browsing-history-in-windows-10/>
<http://www.winaero.com/disable-cortana-microsoft-edge-windows-10/>
<http://www.winaero.com/download-disable-cortana-in-microsoft-edge/>
<http://www.winaero.com/disable-ads-windows-10/>
<http://www.tenforums.com/tutorials/81383-turn-off-cortana-browsing-history-permissions-windows-10-a.html>
<http://www.howtogeek.com/265027/how-to-disable-cortana-in-windows-10/>
<http://www.ghacks.net/2020/10/05/how-to-disable-bing-search-in-windows-10-version-2004-and-newer/>
<http://technoresult.com/disable-edge-inprivate-browsing-mode-using-registry-settings/>
<http://www.computerworld.com/article/3025709/>
<http://www.ubergizmo.com/how-to/disable-bing-search-windows-10/>
<http://www.helpdeskgeek.com/how-to/disable-turn-off-inprivate-browsing-ie-microsoft-edge/>
<http://www.computerworld.com/article/3622001/>

http://www.majorgeeks.com/content/page/how_to_turn_diagnostic_data_settings_on_or_off_in_windows_10.html
<http://redmondmag.com/articles/2021/03/01/reclaim-privacy-from-windows-1.aspx>
<http://redmondmag.com/articles/2021/03/03/reclaim-privacy-from-windows-2.aspx>
<http://www.bgr.com/2015/07/31/windows-10-upgrade-spying-how-to-opt-out/>
<http://www.theinquirer.net/inquirer/news/2430786/updategate-microsoft-is-now-installing-windows-10-by-default-in-windows-update/>

Internet Explorer (IE) web browser:

1. Go to:

<http://choice.microsoft.com/opt-out/>

2. Turn OFF all ads:

- Personalized ads in this browser.
- Personalized ads wherever I use my Microsoft account.

3. Go to:

<http://www.aboutads.info/choices/>

and then to:

<http://optout.networkadvertising.org/>

4. UNcheck all boxes:

- "All Participating Companies".
- "Companies Customizing Ads For Your Browser".
- "select all".
- click "Opt out of all" button.

5. Go to [only if using a Microsoft Azure/Bing/Hotmail/Live/MSN/Microsoft Start/Outlook/Windows Mail

e-mail/membership/subscription/enrollment/developer/tester/trial/VIP account]:

<http://account.microsoft.com/privacy/>

UNcheck/opt OUT of all advertisement(s)/promotion(s)/suggestions boxes/options.

6. Internet Explorer (IE) 9/10/11 "Block Tracking" (Geolocation Detection) + "Automatic (Forced) Upgrade":

<http://unlockforus.blogspot.com/2012/09/do-not-allow-websites-to-get-your.html>

<http://support.microsoft.com/help/2843950/>

<http://www.eightforums.com/tutorials/7996-internet-explorer-10-auto-update-enable-disable.html>

<http://www.itninja.com/question/ie10-turn-off-auto-updates/>

TIP:

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<http://www.mdgx.com/toy.htm#TXT>

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-----Begin cut & paste here-----

REGEDIT4

[HKEY_CURRENT_USER\Software\Microsoft\Internet Explorer\Geolocation]

"BlockAllWebsites"=dword:1

[HKEY_USERS\.DEFAULT\Software\Microsoft\Internet Explorer\Geolocation]

"BlockAllWebsites"=dword:1

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Internet Explorer\Main]

"EnableAutoUpgrade"=dword:0

[HKEY_CURRENT_USER\Software\Microsoft\Internet Explorer\Main]

"EnableAutoUpgrade"=dword:0

[HKEY_USERS\.DEFAULT\Software\Microsoft\Internet Explorer\Main]

"EnableAutoUpgrade"=dword:0

;

-----End cut & paste here-----

7. Turn OFF primitive/obsolete Internet Explorer (IE) Security Check:

<http://www.windows-security.org/65c2e8edd3108cdb6fc985493bb2fa38/turn-off-the-security-settings-check-feature/>

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-----Begin cut & paste here-----

REGEDIT4

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Internet Explorer\Security]
"DisableSecuritySettingsCheck"=dword:1
[HKEY_CURRENT_USER\Software\Microsoft\Internet Explorer\Security]
"DisableSecuritySettingsCheck"=dword:1
[HKEY_USERS\.DEFAULT\Software\Microsoft\Internet Explorer\Security]
"DisableSecuritySettingsCheck"=dword:1
```

;

-----End cut & paste here-----

8. Manage cookies in Internet Explorer (IE):

<http://www.whatismybrowser.com/guides/clear-cache-history-cookies/internet-explorer>

<http://kb.wisc.edu/helpdesk/page.php?id=15141>

<http://support.microsoft.com/en-us/search?query=cookies%20in%20internet%20explorer>

More info @ MDGx "Internet Explorer (IE) 11.0" section in SOFTWARE.TXT (included):

<http://www.mdgx.com/ietoy.htm#IE11>

Open E10BLOK.CMD (included) in Notepad for details:

<http://www.mdgx.com/10BLK/E10BLOK.CMD.TXT>

9. Install AdBlock Plus (ABP) for Internet Explorer (IE) (free, open source):

<http://adblockplus.org/en/internet-explorer>

10. Restart your browser (if + when needed).

Cortana, Edge web browser, Internet Explorer (IE) web browser + Search:

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-----Begin cut & paste here-----

REGEDIT4

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\Local Settings\Software\Microsoft\Windows\
CurrentVersion\AppContainer\Storage\microsoft.microsoftedge_8wekyb3d8bbwe\
MicrosoftEdge\ServiceUI]
"EnableCortana"=dword:0
[HKEY_CURRENT_USER\Software\Classes\Local Settings\Software\Microsoft\Windows\
CurrentVersion\AppContainer\Storage\microsoft.microsoftedge_8wekyb3d8bbwe\
MicrosoftEdge\ServiceUI]
"EnableCortana"=dword:0
[HKEY_USERS\.DEFAULT\Software\Classes\Local Settings\Software\Microsoft\Windows\
CurrentVersion\AppContainer\Storage\microsoft.microsoftedge_8wekyb3d8bbwe\
MicrosoftEdge\ServiceUI]
"EnableCortana"=dword:0
[HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows\Windows Search]
"AllowCortana"=dword:0
[HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows\Explorer]
"DisableSearchBoxSuggestions"=dword:1
[HKEY_CURRENT_USER\Software\Policies\Microsoft\Windows\Explorer]
"DisableSearchBoxSuggestions"=dword:1
[HKEY_USERS\.DEFAULT\Software\Policies\Microsoft\Windows\Explorer]
"DisableSearchBoxSuggestions"=dword:1
[HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Internet Explorer\Privacy]
"EnableInPrivateBrowsing"=dword:1
[HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\MicrosoftEdge]
"AllowInPrivate"=dword:1
[HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\MicrosoftEdge\Main]
"AllowInPrivate"=dword:1
```

```
[HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Search]
"BingSearchEnabled"=dword:0
"CortanaConsent"=dword:0
[HKEY_USERS\.DEFAULT\Software\Microsoft\Windows\CurrentVersion\Search]
"BingSearchEnabled"=dword:0
"CortanaConsent"=dword:0
;
-----End cut & paste here-----
```

* Turn OFF geo(graphical) (GPS) (geo)location tracking + Location Services for accounts, apps, connected devices, store:
<http://winbuzzer.com/2020/07/14/windows-10-how-to-turn-on-or-turn-off-location-services-xcxwn/>
<http://www.tenforums.com/tutorials/13225-turn-off-location-services-windows-10-a.html>

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to all prompts to register/merge/import its information into your registry.

-----Begin cut & paste here-----

REGEDIT4

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\
CapabilityAccessManager\ConsentStore\location]
"Value"="deny"
[HKEY_CURRENT_USER\SOFTWARE\Microsoft\Windows\CurrentVersion\
CapabilityAccessManager\ConsentStore\location]
"Value"="deny"
[HKEY_USERS\.DEFAULT\SOFTWARE\Microsoft\Windows\CurrentVersion\
CapabilityAccessManager\ConsentStore\location]
"Value"="deny"
;
```

-----End cut & paste here-----

* Turn OFF Windows Insider Program (WIP) to block/disable/turn OFF automatic/unattended behind-your-back/disguised/forced/harmful/hidden/intrusive/invasive/subversive/unwanted/without your approval/consent/knowledge/permission installation of all untested, unsafe, buggy/flawed beta/unfinished/testing, developer mode, interim, pre-release, preview, test Windows 10 update builds, some of whom ask for money/paid subscription/membership/enrollment/privileges/personal information and/or charge your bank/cash/debit/credit/money card/wallet/money account at the end of their time limited trial/deadline/expiration period, or for as long as you maintain enrollment/membership/service/subscription:

<http://www.tenforums.com/tutorials/63585-enable-disable-insider-build-settings-windows-10-a.html>

http://www.majorgeeks.com/content/page/remove_windows_insider_program.html

http://www.majorgeeks.com/files/details/remove_windows_insider_program_page.html

http://www.majorgeeks.com/content/page/how_to_enable_or_disable_windows_insider_program_in_windows_10.html

http://www.majorgeeks.com/content/page/how_to_enable_or_disable_windows_insider_program_in_windows_10.html

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to all prompts to register/merge/import its information into your registry.

-----Begin cut & paste here-----

REGEDIT4

```
[-HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\wisvc\Security]
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\wisvc]
"LaunchProtected"=dword:0
"UserServiceFlags"=dword:0
"Start"=dword:4
[-HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Services\wisvc\Security]
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Services\wisvc]
"LaunchProtected"=dword:0
"UserServiceFlags"=dword:0
"Start"=dword:4
[-HKEY_LOCAL_MACHINE\SYSTEM\ControlSet002\Services\wisvc\Security]
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet002\Services\wisvc]
"LaunchProtected"=dword:0
"UserServiceFlags"=dword:0
"Start"=dword:4
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\WindowsUpdate\UX]
"InsiderProgramEnabled"=dword:0
[HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows\WindowsUpdate]
"InsiderProgramEnabled"=dword:0
"ManagePreviewBuilds"=dword:1
"ManagePreviewBuildsPolicyValue"=dword:0
[HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows\PreviewBuilds]
"AllowBuildPreview"=dword:0
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\WindowsSelfHost\UI\Visibility]
"HideInsiderPage"=dword:1
;
```

-----End cut & paste here-----

Restart/reboot Windows for all changes to take effect.

Unenroll/unregister/unsubscribe/terminate/cancel existent Windows Insider Program (WIP) account:

<http://www.tenforums.com/tutorials/157018-how-leave-windows-insider-program-unregister-account.html>

Leave Windows Insider Program (WIP) account:

<http://insider.windows.com/leave-program/>

Unenroll/unregister/unsubscribe/terminate/cancel from WIP e-mail

updates/newsletters/notifications/etc +/- turn OFF/disable

all upcoming WIP messages/notifications/newsletters/updates by adding the WIP account(s) e-mail address(es) to your blocked

sender list, which varies depending on your e-mail account(s) service provider(s) +/- e-mail client(s)/program(s)/software.

* Turn OFF Windows Hello for Business biometrics facial/fingerprint recognition login, Windows Hello PIN (Personal

Identification Number), Windows Hello Setup notification + Natural

Authentication [NaturalAuthentication] service in order

to block unnecessary/unwanted biometrics notifications + Microsoft

Azure/Bing/Hotmail/Live/MSN/Microsoft

Start/Outlook/Windows Mail

e-mail/membership/subscription/enrollment/developer/tester/trial/VIP accounts in Windows 10:

<http://www.tenforums.com/tutorials/117987-enable-disable-windows-hello-biometrics-windows-10-a.html>

<http://www.intowindows.com/how-to-disable-or-block-microsoft-accounts-in-windows-10/>

<http://www.techilife.com/how-to-remove-windows-hello-pin-sign-in-options/>

<http://www.top-password.com/blog/disable-windows-10-face-recognition-or-fingerprint-login/>

<http://www.top-password.com/blog/disable-windows-hello-pin-setup-in-windows-10/>
TIP:

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-----Begin cut & paste here-----

```
REGEDIT4
[-HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\NaturalAuthentication\
Security]
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\NaturalAuthentication]
"LaunchProtected"=dword:0
"UserServiceFlags"=dword:0
"Start"=dword:3
[-HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Services\NaturalAuthentication\
Security]
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Services\NaturalAuthentication]
"LaunchProtected"=dword:0
"UserServiceFlags"=dword:0
"Start"=dword:3
[-HKEY_LOCAL_MACHINE\SYSTEM\ControlSet002\Services\NaturalAuthentication\
Security]
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet002\Services\NaturalAuthentication]
"LaunchProtected"=dword:0
"UserServiceFlags"=dword:0
"Start"=dword:3
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\PolicyManager\current\device\Settings]
"AllowYourAccount"=dword:0
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\PolicyManager\default\Settings\
AllowYourAccount]
"value"=dword:0
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\PolicyManager\default\Settings\
AllowSignInOptions]
"value"=dword:0
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Policies\System]
"NoConnectedUser"=dword:3
[HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Policies\System]
"NoConnectedUser"=dword:3
[HKEY_USERS\.DEFAULT\Software\Microsoft\Windows\CurrentVersion\Policies\System]
"NoConnectedUser"=dword:3
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\System]
"AllowDomainPINLogon"=dword:0
; WOW6432Node registry subkey exists only in Windows NTx 64-bit (x64):
[HKEY_LOCAL_MACHINE\SOFTWARE\WOW6432Node\Policies\Microsoft\Windows\System]
"AllowDomainPINLogon"=dword:0
;
```

-----End cut & paste here-----

Rename the %WinDir%\ServiceProfiles\LocalService\AppData\Local\Microsoft\NGC

[%WinDir% = usually C:\WINDOWS]

directory/folder to something else (example) by running BATch file below:

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer

<http://www.mdgx.com/toy.htm#TXT>

to create a plain text BATch (.bat) or CoMmanD (.cmd) script file containing the lines between Cut & Paste delimiters below

-> save it as plain text/ASCII file (Encode: -> ANSI) with the BAT (.bat) or CMD (.cmd) extension -> right-click it ->

Run as Administrator -> wait for completion.

-----Begin cut & paste here-----

```
@ECHO OFF
```

```
IF NOT "%OS%"=="Windows_NT" GOTO END
```

```
TAKEOWN.EXE /f "%WinDir%\ServiceProfiles\LocalService\AppData\Local\Microsoft\
NGC" /r /d y
```

```
ICACLS.EXE "%WinDir%\ServiceProfiles\LocalService\AppData\Local\Microsoft\
NGC" /grant:r %UserName%:F /t /c /q
```

```
REN "%WinDir%\ServiceProfiles\LocalService\AppData\Local\Microsoft\NGC" NGC_OLD
```

:END

EXIT

-----End cut & paste here-----

ICACLS.EXE:

<http://www.ss64.com/nt/icacls.html>

<http://learn.microsoft.com/windows-server/administration/windows-commands/icacls/>

<http://adamtheautomator.com/icacls/>

TAKEOWN.EXE:

<http://www.ss64.com/nt/takeown.html>

<http://learn.microsoft.com/windows-server/administration/windows-commands/takeown/>

* Turn OFF Windows 10/11 Push Notification Services (WNS) [WpnService + WpnUserService], automatic install, Action Center, Taskbar notifications icon + notifications for apps (start, toast, tiles), calls (voice, VoIP), badges, store, cloud (server), advertisement(s), memberships, subscriptions, enrollments, suggestions, experience, tips, sync, sound(s), notifications, updates in Windows, Desktop, Start Menu, Apps, Explorer, on the Lock Screen:

<http://www.thewindowsclub.com/how-to-disable-notification-and-action-center-in-windows-10/>

<http://winbuzzer.com/2020/06/09/how-to-enable-or-disable-the-action-center-in-windows-10-aka-notifications-center-xcxwbt/>

<http://www.winhelponline.com/blog/disable-explorer-search-box-suggestions-windows-7/>

<http://superuser.com/questions/1246950/>

<http://www.howtogeek.com/344496/how-to-disable-notifications-on-windows-10/>

<http://admx.help/?>

Category=Windows_10_2016&Policy=Microsoft.Policies.Notifications::NoQuietHours

<http://admx.help/?>

Category=Windows_10_2016&Policy=Microsoft.Policies.Notifications::NoCallsDuringQuietHours

<http://admx.help/?>

Category=Windows_10_2016&Policy=Microsoft.Policies.Notifications::NoCloudNotification

<http://admx.help/?>

Category=Windows_10_2016&Policy=Microsoft.Policies.Notifications::NoTileNotification

<http://admx.help/?>

Category=Windows_10_2016&Policy=Microsoft.Policies.Notifications::NoToastNotification

<http://admx.help/?>

Category=Windows_10_2016&Policy=Microsoft.Policies.Notifications::NoLockScreenToastNotification

<http://admx.help/?>

Category=Windows_10_2016&Policy=Microsoft.Policies.Notifications::NoNotificationMirroring

<http://winbuzzer.com/2020/07/01/windows-10-how-to-turn-off-notifications-or-notification-sounds-xcxwbt/>

<http://techcult.com/enable-or-disable-app-notifications-on-lock-screen-in-windows-10/>

<http://gist.github.com/carcheky/981fda4af8e5aac73d0ca8558947ffbb/>

<http://www.ghacks.net/2019/12/23/how-to-block-the-automatic-installation-of-suggested-windows-10-apps/>

<http://www.tenforums.com/tutorials/31107-turn-off-lock-screen-reminders-voip-calls-windows-10-a.html>

<http://www.tenforums.com/tutorials/76252-turn-off-windows-welcome-experience-windows-10-a.html>

<http://www.tenforums.com/tutorials/24117-turn-off-app-suggestions-start-windows-10-a.html>

<http://www.tenforums.com/tutorials/61017-turn-off-notification-sound-senders-windows-10-a.html>

<http://www.thewindowsclub.com/disable-notifications-from-apps-and-other-senders/>
<http://learn.microsoft.com/windows/application-management/per-user-services-in-windows/>

http://en.wikipedia.org/wiki/Windows_Push_Notification_Service

<http://www.geeksgyaan.com/2019/04/high-ram-usage.html>

<http://www.surfacetablethelp.com/2018/09/disable-windows-push-notifications-user-service-with-high-cpu-in-windows-10.html>

<http://social.technet.microsoft.com/Forums/en-US/a8747e67-68a0-4cc8-af9f-6bd4949761e3/>

<http://www.seaofthieves.com/forum/topic/34914/>

<http://dirteam.com/sander/2019/07/04/howto-disable-unnecessary-services-and-scheduled-tasks-on-ad-fs-servers/>

<http://helpdeskgeek.com/windows-10/how-to-fix-system-tray-or-icons-missing-in-windows-10/>

<http://social.technet.microsoft.com/forums/en-us/ac2b1d1c-1326-43b0-b8f0-ae7260cba3bd/>

See also "Turn OFF Action/Security Center + Notifications/Messages" chapter in WINDOWS7.TXT (included):

<http://www.mdgx.com/7.php>

<http://www.mdgx.com/WINDOWS7.TXT>

Most of those tweaks apply to Windows 10/11.

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer

<http://www.mdgx.com/toy.htm#TXT>

to create a plain text Registry file containing the lines between Cut & Paste delimiters below -> save it as plain

text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click

it -> Run as Administrator -> answer Yes/OK

to all prompts to register/merge/import its information into your registry.

-----Begin cut & paste here-----

REGEDIT4

[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\Local Settings\Software\Microsoft\Windows\CurrentVersion\TrayNotify]

"IconStreams"=-

"PastIconsStream"=-

[HKEY_CURRENT_USER\Software\Classes\Local Settings\Software\Microsoft\Windows\CurrentVersion\TrayNotify]

"IconStreams"=-

"PastIconsStream"=-

[HKEY_USERS\.DEFAULT\Software\Classes\Local Settings\Software\Microsoft\Windows\CurrentVersion\TrayNotify]

"IconStreams"=-

"PastIconsStream"=-

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Notifications\Settings\Windows.SystemToast.SecurityAndMaintenance]

"Enabled"=dword:0

[HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Notifications\Settings\Windows.SystemToast.SecurityAndMaintenance]

"Enabled"=dword:0

[HKEY_USERS\.DEFAULT\Software\Microsoft\Windows\CurrentVersion\Notifications\Settings\Windows.SystemToast.SecurityAndMaintenance]

"Enabled"=dword:0

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\WindowsUpdate\UX\Settings]

"TrayIconVisibility"=dword:0

[HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows\Explorer]

"DisableActionCenter"=dword:1

[HKEY_CURRENT_USER\Software\Policies\Microsoft\Windows\Explorer]

"DisableActionCenter"=dword:1

[HKEY_USERS\.DEFAULT\Software\Policies\Microsoft\Windows\Explorer]

"DisableActionCenter"=dword:1

[HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows\CurrentVersion\PushNotifications]

"DisallowNotificationMirroring"=dword:1

"NoToastApplicationNotification"=dword:1

"NoCloudApplicationNotification"=dword:1
"NoTileApplicationNotification"=dword:1
"NoToastApplicationNotificationOnLockScreen"=dword:1
[HKEY_CURRENT_USER\Software\Policies\Microsoft\Windows\CurrentVersion\
PushNotifications]
"DisallowNotificationMirroring"=dword:1
"NoToastApplicationNotification"=dword:1
"NoCloudApplicationNotification"=dword:1
"NoTileApplicationNotification"=dword:1
"NoToastApplicationNotificationOnLockScreen"=dword:1
[HKEY_USERS\.DEFAULT\Software\Policies\Microsoft\Windows\CurrentVersion\
PushNotifications]
"DisallowNotificationMirroring"=dword:1
"NoToastApplicationNotification"=dword:1
"NoCloudApplicationNotification"=dword:1
"NoTileApplicationNotification"=dword:1
"NoToastApplicationNotificationOnLockScreen"=dword:1
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\PushNotifications]
"ToastEnabled"=dword:0
[HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\PushNotifications]
"ToastEnabled"=dword:0
[HKEY_USERS\.DEFAULT\Software\Microsoft\Windows\CurrentVersion\
PushNotifications]
"ToastEnabled"=dword:0
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Notifications\
Settings]
"NOC_GLOBAL_SETTING_ALLOW_TOASTS_ABOVE_LOCK"=dword:0
"NOC_GLOBAL_SETTING_ALLOW_CRITICAL_TOASTS_ABOVE_LOCK"=dword:0
"NOC_GLOBAL_SETTING_ALLOW_NOTIFICATION_SOUND"=dword:0
"NOC_GLOBAL_SETTING_GLEAM_ENABLED"=dword:0
[HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Notifications\
Settings]
"NOC_GLOBAL_SETTING_ALLOW_TOASTS_ABOVE_LOCK"=dword:0
"NOC_GLOBAL_SETTING_ALLOW_CRITICAL_TOASTS_ABOVE_LOCK"=dword:0
"NOC_GLOBAL_SETTING_ALLOW_NOTIFICATION_SOUND"=dword:0
"NOC_GLOBAL_SETTING_GLEAM_ENABLED"=dword:0
[HKEY_USERS\.DEFAULT\Software\Microsoft\Windows\CurrentVersion\Notifications\
Settings]
"NOC_GLOBAL_SETTING_ALLOW_TOASTS_ABOVE_LOCK"=dword:0
"NOC_GLOBAL_SETTING_ALLOW_CRITICAL_TOASTS_ABOVE_LOCK"=dword:0
"NOC_GLOBAL_SETTING_ALLOW_NOTIFICATION_SOUND"=dword:0
"NOC_GLOBAL_SETTING_GLEAM_ENABLED"=dword:0
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\
ContentDeliveryManager]
"ContentDeliveryAllowed"=dword:0
"FeatureManagementEnabled"=dword:0
"OemPreInstalledAppsEnabled"=dword:0
"PreInstalledAppsEnabled"=dword:0
"PreInstalledAppsEverEnabled"=dword:0
"RemediationRequired"=dword:0
"SilentInstalledAppsEnabled"=dword:0
"SoftLandingEnabled"=dword:0
"SubscribedContent-338387Enabled"=dword:0
"SubscribedContent-338388Enabled"=dword:0
"SubscribedContent-338389Enabled"=dword:0
"SubscribedContent-310093Enabled"=dword:0
"SubscribedContent-338393Enabled"=dword:0
"SubscribedContent-314563Enabled"=dword:0
"SubscribedContent-353698Enabled"=dword:0
"SubscribedContent-353694Enabled"=dword:0
"SubscribedContentEnabled"=dword:0
"SystemPaneSuggestionsEnabled"=dword:0
[HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\
ContentDeliveryManager]

"ContentDeliveryAllowed"=dword:0
"FeatureManagementEnabled"=dword:0
"OemPreInstalledAppsEnabled"=dword:0
"PreInstalledAppsEnabled"=dword:0
"PreInstalledAppsEverEnabled"=dword:0
"RemediationRequired"=dword:0
"SilentInstalledAppsEnabled"=dword:0
"SoftLandingEnabled"=dword:0
"SubscribedContent-338387Enabled"=dword:0
"SubscribedContent-338388Enabled"=dword:0
"SubscribedContent-338389Enabled"=dword:0
"SubscribedContent-310093Enabled"=dword:0
"SubscribedContent-338393Enabled"=dword:0
"SubscribedContent-314563Enabled"=dword:0
"SubscribedContent-353698Enabled"=dword:0
"SubscribedContent-353694Enabled"=dword:0
"SubscribedContentEnabled"=dword:0
"SystemPaneSuggestionsEnabled"=dword:0
[HKEY_USERS\.DEFAULT\Software\Microsoft\Windows\CurrentVersion\
ContentDeliveryManager]
"ContentDeliveryAllowed"=dword:0
"FeatureManagementEnabled"=dword:0
"OemPreInstalledAppsEnabled"=dword:0
"PreInstalledAppsEnabled"=dword:0
"PreInstalledAppsEverEnabled"=dword:0
"RemediationRequired"=dword:0
"SilentInstalledAppsEnabled"=dword:0
"SoftLandingEnabled"=dword:0
"SubscribedContent-338387Enabled"=dword:0
"SubscribedContent-338388Enabled"=dword:0
"SubscribedContent-338389Enabled"=dword:0
"SubscribedContent-310093Enabled"=dword:0
"SubscribedContent-338393Enabled"=dword:0
"SubscribedContent-314563Enabled"=dword:0
"SubscribedContent-353698Enabled"=dword:0
"SubscribedContent-353694Enabled"=dword:0
"SubscribedContentEnabled"=dword:0
"SystemPaneSuggestionsEnabled"=dword:0
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\
ContentDeliveryManager\SuggestedApps]
"40579FactionSoftware.Colorist_ktsqrflenxtjhw"=dword:0
"46928bunde.EclipseManager_a5h4egax66k6y"=dword:0
"ActiproSoftwareLLC.562882FEEB491_24pqs290vpjk0"=dword:0
"AdobeSystemsIncorporated.AdobePhotoshopExpress_ynb6jyjzte8ga"=dword:0
"D5EA27B7.Duolingo-LearnLanguagesforFree_yx6k7tf7xvsea"=dword:0
"Flipboard.Flipboard_3f5azkryzdbc4"=dword:0
"Microsoft.BingNews_8wekyb3d8bbwe"=dword:0
"Microsoft.BingWeather_8wekyb3d8bbwe"=dword:0
"Microsoft.FreshPaint_8wekyb3d8bbwe"=dword:0
"Microsoft.Getstarted_8wekyb3d8bbwe"=dword:0
"Microsoft.NetworkSpeedTest_8wekyb3d8bbwe"=dword:0
"Microsoft.Office.Sway_8wekyb3d8bbwe"=dword:0
"Microsoft.RemoteDesktop_8wekyb3d8bbwe"=dword:0
"Microsoft.WindowsAlarms_8wekyb3d8bbwe"=dword:0
"Microsoft.WindowsSoundRecorder_8wekyb3d8bbwe"=dword:0
[HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\
ContentDeliveryManager\SuggestedApps]
"40579FactionSoftware.Colorist_ktsqrflenxtjhw"=dword:0
"46928bunde.EclipseManager_a5h4egax66k6y"=dword:0
"ActiproSoftwareLLC.562882FEEB491_24pqs290vpjk0"=dword:0
"AdobeSystemsIncorporated.AdobePhotoshopExpress_ynb6jyjzte8ga"=dword:0
"D5EA27B7.Duolingo-LearnLanguagesforFree_yx6k7tf7xvsea"=dword:0
"Flipboard.Flipboard_3f5azkryzdbc4"=dword:0
"Microsoft.BingNews_8wekyb3d8bbwe"=dword:0

"Microsoft.BingWeather_8wekyb3d8bbwe"=dword:0
"Microsoft.FreshPaint_8wekyb3d8bbwe"=dword:0
"Microsoft.Getstarted_8wekyb3d8bbwe"=dword:0
"Microsoft.NetworkSpeedTest_8wekyb3d8bbwe"=dword:0
"Microsoft.Office.Sway_8wekyb3d8bbwe"=dword:0
"Microsoft.RemoteDesktop_8wekyb3d8bbwe"=dword:0
"Microsoft.WindowsAlarms_8wekyb3d8bbwe"=dword:0
"Microsoft.WindowsSoundRecorder_8wekyb3d8bbwe"=dword:0
[HKEY_USERS\.DEFAULT\Software\Microsoft\Windows\CurrentVersion\
ContentDeliveryManager\SuggestedApps]
"40579FactionSoftware.Colorist_ktsqrflenxtjhw"=dword:0
"46928bunde.EclipseManager_a5h4egax66k6y"=dword:0
"ActiproSoftwareLLC.562882FEEB491_24pqs290vpjk0"=dword:0
"AdobeSystemsIncorporated.AdobePhotoshopExpress_ynb6jyjzte8ga"=dword:0
"D5EA27B7.Duolingo-LearnLanguagesforFree_yx6k7tf7xvsea"=dword:0
"Flipboard.Flipboard_3f5azkryzdbc4"=dword:0
"Microsoft.BingNews_8wekyb3d8bbwe"=dword:0
"Microsoft.BingWeather_8wekyb3d8bbwe"=dword:0
"Microsoft.FreshPaint_8wekyb3d8bbwe"=dword:0
"Microsoft.Getstarted_8wekyb3d8bbwe"=dword:0
"Microsoft.NetworkSpeedTest_8wekyb3d8bbwe"=dword:0
"Microsoft.Office.Sway_8wekyb3d8bbwe"=dword:0
"Microsoft.RemoteDesktop_8wekyb3d8bbwe"=dword:0
"Microsoft.WindowsAlarms_8wekyb3d8bbwe"=dword:0
"Microsoft.WindowsSoundRecorder_8wekyb3d8bbwe"=dword:0
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Privacy]
"TailoredExperiencesWithDiagnosticDataEnabled"=dword:0
[HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Privacy]
"TailoredExperiencesWithDiagnosticDataEnabled"=dword:0
[HKEY_USERS\.DEFAULT\Software\Microsoft\Windows\CurrentVersion\Privacy]
"TailoredExperiencesWithDiagnosticDataEnabled"=dword:0
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\Advanced]
"ShowSyncProviderNotifications"=dword:0
[HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Explorer\Advanced]
"ShowSyncProviderNotifications"=dword:0
[HKEY_USERS\.DEFAULT\Software\Microsoft\Windows\CurrentVersion\Explorer\
Advanced]
"ShowSyncProviderNotifications"=dword:0
[HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows\CloudContent]
"ConfigureWindowsSpotlight"=dword:2
"IncludeEnterpriseSpotlight"=dword:0
"DisableThirdPartySuggestions"=dword:1
"DisableTailoredExperiencesWithDiagnosticData"=dword:1
"DisableWindowsConsumerFeatures"=dword:1
"DisableWindowsSpotlightFeatures"=dword:1
"DisableWindowsSpotlightWindowsWelcomeExperience"=dword:1
"DisableWindowsSpotlightOnActionCenter"=dword:1
"DisableWindowsSpotlightOnSettings"=dword:1
[HKEY_CURRENT_USER\Software\Policies\Microsoft\Windows\CloudContent]
"ConfigureWindowsSpotlight"=dword:2
"IncludeEnterpriseSpotlight"=dword:0
"DisableThirdPartySuggestions"=dword:1
"DisableTailoredExperiencesWithDiagnosticData"=dword:1
"DisableWindowsConsumerFeatures"=dword:1
"DisableWindowsSpotlightFeatures"=dword:1
"DisableWindowsSpotlightWindowsWelcomeExperience"=dword:1
"DisableWindowsSpotlightOnActionCenter"=dword:1
"DisableWindowsSpotlightOnSettings"=dword:1
[HKEY_USERS\.DEFAULT\Software\Policies\Microsoft\Windows\CloudContent]
"ConfigureWindowsSpotlight"=dword:2
"IncludeEnterpriseSpotlight"=dword:0
"DisableThirdPartySuggestions"=dword:1
"DisableTailoredExperiencesWithDiagnosticData"=dword:1
"DisableWindowsConsumerFeatures"=dword:1

```
"DisableWindowsSpotlightFeatures"=dword:1
"DisableWindowsSpotlightWindowsWelcomeExperience"=dword:1
"DisableWindowsSpotlightOnActionCenter"=dword:1
"DisableWindowsSpotlightOnSettings"=dword:1
[HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows\CurrentVersion\
QuietHours]
"AllowCalls"=dword:0
"Enable"=dword:0
"EntryTime"=dword:0
"ExitTime"=dword:0
[HKEY_CURRENT_USER\Software\Policies\Microsoft\Windows\CurrentVersion\
QuietHours]
"AllowCalls"=dword:0
"Enable"=dword:0
"EntryTime"=dword:0
"ExitTime"=dword:0
[HKEY_USERS\.DEFAULT\Software\Policies\Microsoft\Windows\CurrentVersion\
QuietHours]
"AllowCalls"=dword:0
"Enable"=dword:0
"EntryTime"=dword:0
"ExitTime"=dword:0
; Windows Push Notifications System Service [WpnService]:
; http://batcmd.com/windows/10/services/wpnservice/
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\WpnService\Security]
"Security"=hex:00
[-HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\WpnService\Security]
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\WpnService]
"LaunchProtected"=dword:0
"UserServiceFlags"=dword:0
"Start"=dword:4
; Windows Push Notifications User Service [WpnUserService]:
; http://batcmd.com/windows/10/services/wpnuservice/
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\WpnUserService\Security]
"Security"=hex:00
[-HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\WpnUserService\Security]
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\WpnUserService]
"LaunchProtected"=dword:0
"UserServiceFlags"=dword:0
"Start"=dword:4
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Services\WpnService\Security]
"Security"=hex:00
[-HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Services\WpnService\Security]
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Services\WpnService]
"LaunchProtected"=dword:0
"UserServiceFlags"=dword:0
"Start"=dword:4
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Services\WpnUserService\Security]
"Security"=hex:00
[-HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Services\WpnUserService\Security]
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Services\WpnUserService]
"LaunchProtected"=dword:0
"UserServiceFlags"=dword:0
"Start"=dword:4
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet002\Services\WpnService\Security]
"Security"=hex:00
[-HKEY_LOCAL_MACHINE\SYSTEM\ControlSet002\Services\WpnService\Security]
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet002\Services\WpnService]
"LaunchProtected"=dword:0
"UserServiceFlags"=dword:0
"Start"=dword:4
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet002\Services\WpnUserService\Security]
"Security"=hex:00
[-HKEY_LOCAL_MACHINE\SYSTEM\ControlSet002\Services\WpnUserService\Security]
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet002\Services\WpnUserService]
"LaunchProtected"=dword:0
"UserServiceFlags"=dword:0
"Start"=dword:4
;
```

-----End cut & paste here-----

Restart/reboot Windows for all changes to take effect.

* Turn OFF/disable + remove/uninstall Skype Meet Now app, icon, feature, messages + notifications in Windows 10:

<http://www.digitalcitizen.life/disable-meet-now-windows-10/>

<http://www.windowscentral.com/how-disable-meet-now-feature-windows-10/>

<http://www.thewindowsclub.com/what-is-meet-now-in-windows-10/>

<http://beebom.com/uninstall-meet-now-windows-10/>

Turn OFF Meet Now icon + notifications:

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer

<http://www.mdgx.com/toy.htm#TXT>

to create a plain text Registry file containing the lines between Cut & Paste delimiters below -> save it as plain

text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click it -> Run as Administrator -> answer Yes/OK

to all prompts to register/merge/import its information into your registry.

-----Begin cut & paste here-----

REGEDIT4

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Policies]
```

```
"HideSCAMeetNow"=dword:1
```

```
[HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Policies]
```

```
"HideSCAMeetNow"=dword:1
```

```
[HKEY_USERS\.DEFAULT\Software\Microsoft\Windows\CurrentVersion\Policies]
```

```
"HideSCAMeetNow"=dword:1
```

```
;
```

-----End cut & paste here-----

Uninstall Skype [which also uninstalls the Meet Now feature]:

From a DOS console command prompt [%WinDir%\SYSTEM32\CMD.EXE]: right-click CMD shortcut/CMD.EXE -> Run as Administrator ->

run this command:

```
DISM.EXE /Online /Remove-ProvisionedAppxPackage
```

```
/PackageName:Microsoft.SkypeApp_14.53.77.0_neutral_~_kzf8qxf38zg5c
```

-> press Enter.

DISM (Deployment Image Servicing and Management) [DISM.EXE] executable is located in the %WinDir%\SYSTEM32 directory/folder

[%WinDir% = usually C:\WINDOWS].

View all directories/folders listed in your system PATH from a DOS console command prompt [%WinDir%\SYSTEM32\CMD.EXE]:

right-click CMD shortcut/CMD.EXE -> Run as Administrator -> type this command

```
PATH
```

-> press Enter.

* Turn OFF/get OUT of Windows 10/11 S mode: crippled, disabled, forced, limited, locked, restricted, stripped down to

Microsoft store anti-competitive/centered/exclusivist/proprietary account(s), apps, enrollments, features, memberships,

services, subscriptions, trials + ad(ware)/spyware/surveillance/tracking + OneDrive cloud storage:

<http://www.hellotech.com/blog/what-is-windows-10-s-mode-and-how-to-turn-it-off/>

<http://support.microsoft.com/windows/switching-out-of-s-mode-in-windows-4f56d9be-99ec-6983-119f-031bfb28a307>

<http://www.thewindowsclub.com/switch-out-of-s-mode-in-windows-10/>

<http://www.microsoft.com/windows/s-mode/>

<http://petri.com/what-you-need-to-know-about-windows-10-s-mode/>

<http://www.howtogeek.com/354057/what-is-windows-10-in-s-mode/>

<http://www.techrepublic.com/article/windows-10-s-mode-pros-and-cons/>

<http://helpdesk.broward.edu/TDClient/1880/Portal/KB/ArticleDet?ID=124396>

<http://softwarekeep.com/help-center/6-things-to-know-about-windows-10-s-and-windows-10-in-s-mode/>
[http://www.pcmag.com/news/some-users-are-stuck-in-windows-10-s-mode/Start button/icon/logo/menu/orb -> Windows Settings \[gear icon\] -> Update & Security -> Activation -> Go to the Store -> "Switch out of S Mode" -> Get -> Install -> wait for confirmation message: "You're all set! You have switched out of S mode and can now install apps from outside the Store."](http://www.pcmag.com/news/some-users-are-stuck-in-windows-10-s-mode/Start-button/icon/logo/menu/orb->Windows-Settings-[gear-icon]->Update-&Security->Activation->Go-to-the-Store->\)
Done.

* MDGx "Turn OFF/Remove Windows 7/8/8.1 Adware, Spyware, Security Flaws + Repair/Restore Privacy" chapter in WINDOWS7.TXT (included):
<http://www.mdgx.com/7.php>
<http://www.mdgx.com/WINDOWS7.TXT>

Tweak Windows 10/11 Services

* 1st Things 1st:

BACKUP YOUR REGISTRY BEFORE MAKING ANY CHANGES! -> See "BACKUP/EXPORT + RESTORE/IMPORT REGISTRY/REGISTRY KEY(S)" in WINDOWS7.TXT (included):
<http://www.mdgx.com/7.php#:~:text=BACKUP%2FEXPORT%20%2B%20RESTORE%2FIMPORT%20REGISTRY%2FREGISTRY%20KEY%28S%29%20%21>

* Disable/(re)enable, stop/(re)start, clean/repair/restore + customize/optimize/tweak Windows 10/11 interconnected/interdependent/interrelated services + drivers responsible for/contributing to/involved in/related to dangerous/dubious/insecure/questionable/suspicious/unsafe, undesirable/unnecessary/unneeded/unused/useless, automatic/unattended behind-your-back/disguised/forced/harmful/hidden/intrusive/invasive/subversive/unwanted/without your approval/consent/knowledge/permission, annoying/bloat/resources consuming, diagnostic tracking, telemetry ("phone home"), data collection/logging, customer "experience", unwanted "offers", ad(ware)/spyware/surveillance/tracking, privacy/safety/security flaws/vulnerabilities: View/(Re)Start/Stop/(Re)Enable/Disable, set to Disabled/Manual/Automatic Windows Services + Drivers -> Start button/icon/logo/menu/orb -> Run... [hold WinKey + press R] -> type this command services.msc -> press Enter -> (re)enable [Boot = 0, System = 1, Automatic (triggered) = 2, Automatic (Delayed Start) (triggered) = 2 or Manual (triggered) = 3], disable [Disabled = 4], customize/optimize/tweak Windows (User) Services + Drivers after learning about them -> continue reading... Services.msc is located in the %WinDir%\SYSTEM32 directory/folder [%WinDir% = usually C:\WINDOWS]. Management Saved Console (.msc) script files are associated by default with and executed by Microsoft Management Console (MMC.EXE) snap-in control tool, and most of them are located in the %WinDir%\SYSTEM32 directory/folder [%WinDir% = usually C:\WINDOWS].
http://en.wikipedia.org/wiki/Microsoft_Management_Console
View all directories/folders listed in your system PATH from a DOS console command prompt [%WinDir%\SYSTEM32\CMD.EXE]:

right-click CMD shortcut/CMD.EXE -> Run as Administrator -> type this command
PATH

-> press Enter.

RegEdit.exe:

<http://learn.microsoft.com/troubleshoot/windows-server/performance/windows-registry-advanced-users/>

<http://www.ss64.com/nt/regedit.html>

<http://www.mdgx.com/reg.htm#RER>

<http://www.windowscentral.com/how-start-and-stop-services-windows-10/>

Certain services Microsoft deems mandatory they should be enabled and running at all times because they may either affect proper functionality/operation [interconnected/interdependent/interrelated], or for their own purposes [see above for details], but which may not (always) align/coincide with your needs/preferences are locked + protected, and therefore they canNOT be stopped, disabled and/or modified/customized from within the services.msc interface due to Windows registry protection lockups, no matter your user level/privileges/rights, even if logged in as Administrator/Owner/Sysadmin/SYSTEM.

In (most) such cases the most obvious solution is to do it by hand by using the Registry Editor (%WinDir%\RegEdit.exe)

[%WinDir% = usually C:\WINDOWS]:

Right-click RegEdit or its shortcut/link -> Run as Administrator -> go to this registry subkey:

HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services

and then to this (backup copy) registry subkey:

HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Services

and then to this (backup copy) registry subkey (if present):

HKEY_LOCAL_MACHINE\SYSTEM\ControlSet002\Services

-> click left hand pane desired driver/service name registry subkey [example:

DNSCache (DNS Client service)] (if present) ->

double-click right hand pane "Start" DWORD [REG_DWORD] registry value -> change its numeric value to any integer number

between 0 and 4 [see below for details] -> press OK -> exit RegEdit.

<http://mistyprojects.co.uk/documents/TinyPXEServer/files/img/regedit2.jpg>

<http://cdn2.windowswally.com/wp-content/uploads/2015/09/RuntimeBroker.exe-Windows-10-regedit-TimeBroker-Windows-Wally.jpg>

Repeat same steps for all 3 registry subkeys above: CurrentControlSet,

ControlSet001 + ControlSet002 (if present).

"Start" valid registry DWORD [REG_DWORD] values:

<http://smallvoid.com/article/winnt-services-regedit.html>

- 0 [dword:00000000] = Boot;

- 1 [dword:00000001] = System;

- 2 [dword:00000002] = Automatic;

- 3 [dword:00000003] = Manual;

- 4 [dword:00000004] = Disabled.

MDGx: "Comprehensive Windows Registry Guide" [Intro Chapter] in REGISTRY.TXT (included):

<http://www.mdgx.com/reg.htm#CWRG>

NET.EXE, NETSH.EXE, REG.EXE, SC.EXE + WMIC.EXE:

Another option is to use (in combination or separately) these 5 Windows NTx DOS console command line tools:

- Net(work) Resources Manager [NET.EXE];

<http://learn.microsoft.com/troubleshoot/windows-server/networking/net-commands-on-operating-systems/>

<http://www.ss64.com/nt/net-service.html>

- Net(work) Sh(ell) [NETSH.EXE];

<http://learn.microsoft.com/windows-server/networking/technologies/netsh/netsh-contexts/>

<http://learn.microsoft.com/windows-server/administration/windows-commands/netsh/>

<http://www.ss64.com/nt/netsh.html>

- Reg(istry) Editor + Manager [REG.EXE];

<http://learn.microsoft.com/windows-server/administration/windows-commands/reg/>
<http://www.ss64.com/nt/reg.html>
<http://www.mdgx.com/reg.htm#BNR>
- S(ervice) C(ontrol) [C(onfiguration)] [SC.EXE];
<http://learn.microsoft.com/windows/win32/services/controlling-a-service-using-sc/>

<http://learn.microsoft.com/windows-server/administration/windows-commands/sc-config/>

<http://www.ss64.com/nt/sc.html>

- W(indows) M(angement) I(nstrumentation) C(ommand) [WMIC.EXE].

<http://learn.microsoft.com/windows/win32/wmisdk/wmic/>

<http://learn.microsoft.com/windows/win32/wmisdk/wmi-start-page/>

<http://www.ss64.com/nt/wmic.html>

WMIC has been deprecated starting with Windows 10 21H1, correspondent Windows Server 2022 + all newer

builds/editions/releases/updates/versions:

<http://learn.microsoft.com/windows/whats-new/deprecated-features/>

NOTES:

All these executables (.exe) require you to be logged on, or must be executed/run with elevated access/permissions/privileges/rights as Admin(istrator)/SYSTEM/Sysadmin:
<http://www.ss64.com/nt/syntax-elevate.html>

A. Temporary [per app(lication)/command/executable (.exe)/session] FIX:
Windows Vista/newer users -> start a DOS console command prompt session [%WinDir%\SYSTEM32\CMD.EXE]: right-click CMD shortcut/CMD.EXE -> Run as Administrator.

OR

Use an elevation tool separately for each individual app(lication)/command/executable (.exe)/session [free(ware) examples]:
- AdvancedRun [AdvancedRun.exe] 32-bit + 64-bit GUI interface + DOS console command line tool for Windows Vista/newer

32-bit + 64-bit runs any

app/batch/command/executable/function/process/program/script/service/task/tool as

Administrator/SYSTEM/TrustedInstaller/any user with elevated/highest/protected privileges/rights, compatibility,

environment, ownership, permissions, priority, properties, useful for task automation in BATch (.BAT), CoMmanD (.CMD) +

Visual Basic Script (.VBS) files, highly customizable:

http://www.nirsoft.net/utils/advanced_run.html

AdvancedRun 64-bit:

<http://www.nirsoft.net/utils/advancedrun-x64.zip>

AdvancedRun 32-bit:

<http://www.nirsoft.net/utils/advancedrun.zip>

Run Programs as SYSTEM:

<http://www.winhelponline.com/blog/run-program-as-system-localsystem-account-windows/>

Run Programs as TrustedInstaller:

<http://www.winhelponline.com/blog/run-program-as-trustedinstaller-locked-registry-keys-files/>

- SetACL [SetACL.exe 32-bit + SetACL.exe 64-bit] 32-bit + 64-bit DOS console command line tool for Windows Vista/newer

enables/disables/changes/elevates NTFS ACL permissions + ownership for local/remote files/(sub)directories, registry

(sub)keys, devices/objects/services:

<http://helgeklein.com/setacl/>

Download:

<http://helgeklein.com/download/#download-setacl>

SetACL Command Line Documentation:

<http://helgeklein.com/setacl/documentation/command-line-version-setacl-exe/>

SetACL Examples:

<http://helgeklein.com/setacl/examples/>

Wikipedia: SetACL:

<http://en.wikipedia.org/wiki/SetACL>
- Elevate [elevate.exe 32-bit + elevate.exe 64-bit] 1.3.0 32-bit + 64-bit DOS console command line tool runs any app/batch/command/executable/function/process/program/script/service/task/tool as Administrator with elevated/highest/protected privileges/rights, useful for task automation in BATch (.BAT), CoMmand (.CMD) + Visual Basic Script (.VBS) files:
<http://code.kliu.org/misc/elevate/>
File:
<http://code.kliu.org/misc/elevate/elevate-1.3.0-redist.7z>
- See also "NTFS ACL + OWNER" section in TOOLS.TXT (included):
<http://www.mdgx.com/tools.php>
<http://www.mdgx.com/TOOLS.TXT>
B. Permanent (per local/network user) FIX:
Disable User Account Control (UAC) in:
- Windows 10/2016/2019/11/2022:
<http://www.tenforums.com/tutorials/3577-user-account-control-uac-change-settings-windows-10-a.html>
- Windows 8/2012/8.1/2012 R2:
<http://www.eightforums.com/tutorials/5509-user-account-control-uac-change-settings-windows-8-a.html>
- Windows 7/2008 R2:
<http://www.petri.com/disable-uac-in-windows-7/>
- Windows Vista/2008:
http://www.petri.com/disable_uac_in_windows_vista/
User Account Control (UAC) tweaking tools [free(ware)]:
- UAC Pass:
<http://sites.google.com/site/freeavvarea/uac-pass/uac-pass/>
- TweakUAC:
<http://www.winability.com/tweak-uac/>
- Disable UAC:
http://www.majorgeeks.com/files/details/disable_uac.html
NET.EXE, NETSH.EXE, REG.EXE + SC.EXE executables (.exe) are located in the %WinDir%\SYSTEM32 directory/folder [%WinDir% = usually C:\WINDOWS].
WMIC.EXE executable (.exe) is located in the %WinDir%\SYSTEM32\WBEM directory/folder.
View all directories/folders listed in your system PATH from a DOS console command prompt [%WinDir%\SYSTEM32\CMD.EXE]:
right-click CMD shortcut/CMD.EXE -> Run as Administrator -> type this command
PATH
-> press Enter.
OR
Save it to a plain text/ASCII (.txt) file: from a DOS console command prompt [%WinDir%\SYSTEM32\CMD.EXE]: right-click CMD shortcut/CMD.EXE -> Run as Administrator -> type same command above followed by the name of the file (in this example it will be saved in C:\ root)
PATH>C:\Windows_PATH_Directories.txt
-> press Enter -> use Notepad/similar/better free(ware) plain text/ASCII editor/viewer
<http://www.mdgx.com/toy.htm#TXT>
to view saved text file contents.
Example using same service above [DNSSCache (DNS Client service)] -> stop + disable DNSSCache service:
From a DOS console command prompt [%WinDir%\SYSTEM32\CMD.EXE]: right-click CMD shortcut/CMD.EXE -> Run as Administrator ->
type these commands in this specific order
ECHO Y|NET.EXE STOP DNSSCache
SC.EXE CONFIG DNSSCache START= disabled
REG.EXE ADD "HKLM\SYSTEM\CurrentControlSet\services\DNSSCache" /v Start /t
REG_DWORD /d 4 /f
-> press Enter after each line.

PowerShell.exe:

<http://learn.microsoft.com/powershell/module/microsoft.powershell.management/set-service/>

<http://www.ss64.com/ps/powershell.html>

<http://www.ss64.com/ps/>

<http://www.ss64.com/ps/set-service.html>

<http://www.windowscentral.com/how-start-and-stop-services-windows-10/>

PowerShell [%WinDir%\SYSTEM32\WindowsPowerShell\v1.0\PowerShell.exe] is a task automation + configuration manager command line shell environment + interpreter tool capable of using text/ASCII command line Script/BATch files (.ps1).

<http://en.wikipedia.org/wiki/PowerShell>

PowerShell requires Microsoft .NET Framework core + components, which are preinstalled on all Windows Vista/newer releases,

and (usually) updated automatically via Windows Update (WU) service [WuauServ]:

<http://www.mdgx.com/add.htm#NFR>

PowerShell is a better, more advanced alternative to the standard DOS console CoMmanD line prompt interpreter tool

[%WinDir%\SYSTEM32\CMD.EXE].

<http://en.wikipedia.org/wiki/Cmd.exe>

Start + Stop Drivers + Services manually in Windows 7/newer -> "How to Manage Services from PowerShell" section:

<http://www.windowscentral.com/how-start-and-stop-services-windows-10/#section-how-to-manage-services-from-powershell>

Windows NTx Services + Drivers Information, Reference, Guidelines, Tutorials, Customization, Optimization:

- Disable System Services in Windows Server 2016/2019/2022 with Desktop Experience:

<http://learn.microsoft.com/windows-server/security/windows-services/security-guidelines-for-disabling-system-services-in-windows-server/>

- Disable Unnecessary Services in Windows 10/11:

<http://www.minitool.com/news/windows-10-services-to-disable.html>

- Windows 10 Services to Disable for Better Performance:

<http://www.howto-connect.com/windows-10-services-to-disable-for-performance/>

- Disable Unnecessary Services in Windows 7/newer:

<http://www.winhelp.us/disable-unneded-services-in-windows.html>

- Which Windows Services can you safely disable in Windows 11/10?:

<http://www.thewindowsclub.com/which-windows-10-services-safe-to-disable/>

- Windows 10/11 Services that can be Disabled Safely:

<http://www.askvg.com/beginners-guide-to-configure-windows-10-services/>

- Safely stop unnecessary Windows 10/11 services:

<http://searchenterprisedesktop.techtarget.com/tip/How-to-safely-stop-unnecessary-Windows-10-services/>

- Disabling Microsoft Windows 11 Services:

<http://regen.hu/win11/disable-windows-services/disable-windows-services-en-EN.html>

- 20 Unnecessary Background Services to Disable in Windows 10/11:

<http://www.freshtechtips.com/2019/04/disable-unnecessary-services-in-windows.html>

- 20 Services in Windows 10/11 that Can be Stopped Without Any Risk:

<http://www.reginout.com/help-center/turn-off-windows-10-services-get-unfair-speed-boost/>

- 12 Windows 10 Services Safe to Disable:

<http://www.groovypost.com/howto/12-windows-10-services-that-are-safe-to-disable/>

- Windows 10 Services to Disable to Improve Performance:

<http://technicalustad.com/windows-10-services-to-disable-to-improve-performance/>

- 25 Windows 10/11 Services to Disable for Performance & Better Gaming:

<http://www.pccerror-fix.com/windows-10-services-to-disable-for-gaming/>

- What Windows 10/11 Services Can I Disable:

<http://www.britecomputers.co.uk/posts/what-windows-10-services-can-i-disable/>

- Windows 10: which services to disable?:

<http://www.wilderssecurity.com/threads/378804>
- Disable Windows Event Collector (WECSvc) service:
http://www.computerstepbystep.com/windows_event_collector_service.html
- Disabling Unneeded Services:
<http://sourcedaddy.com/windows-7/disabling-unneeded-services.html>
- Windows 10/11 Services Configuration:
<http://www.blackviper.com/service-configurations/black-vipers-windows-10-service-configurations/>
- Windows 10/11 Services:
<http://batcmd.com/windows/10/services/>
- Windows 11 Default Windows Services Configuration:
<http://www.smartpcutilities.com/windows-11-default-services-configuration.html>
- Windows 10/11 Service Defaults:
<http://revertservice.com/10/>
- Delete a Service in Windows using Different Methods:
<http://www.winhelponline.com/blog/how-to-remove-unwanted-service/>
- Restore Default Services in Windows 7/newer:
http://www.majorgeeks.com/content/page/restore_or_verify_default_services_in_windows_7_10.html
- Optimize Windows 10/11 Services for increased performance:
<http://discourse.pi64.win/t/optimizing-windows-10-services-for-increased-performance/>
- Windows services:
<http://renenyffenegger.ch/notes/Windows/services/>
- Windows 10 Services:
<http://www.ss64.com/nt/syntax-services.html>
- Restore Default Services in Windows 7/newer:
http://www.majorgeeks.com/content/page/restore_or_verify_default_services_in_windows_7_10.html
- Windows 10/11 updates - One small step for man, one big...:
<http://www.dedoimedo.com/computers/windows-10-updates-improvements-control.html>
- Windows 10 Default Services Configuration:
<http://www.winhelponline.com/blog/windows-10-default-services-configuration/>
- Windows 11 Default Services Configuration:
<http://www.winhelponline.com/blog/windows-11-default-services-configuration/>
- Windows 10/11 Service Configuration:
<http://www.windowsafg.com/win10services.html>
- Windows 10/11 Default Services:
<http://www.ss64.com/nt/syntax-services.html>
- Which Windows services are safe to disable and when?:
<http://www.digitalcitizen.life/which-windows-services-are-safe-disable-when/>
- What Windows 11 Services to Disable Safely and How?:
<http://nerdschalk.com/what-windows-11-services-to-disable-safely-and-how/>
- 25 Windows 10/11 Services to Disable for Performance & Better Gaming:
<http://www.pccerror-fix.com/windows-10-services-to-disable-for-gaming/>
- Windows Services you can safely disable [Complete Guide]:
<http://windowsreport.com/disable-windows-services/>
- Use Registry Editor to change Service state:
<http://smallvoid.com/article/winnt-services-regedit.html>
- 10services_default.bat:
<http://gist.github.com/samkatakouzinis/2d57ecf46a3f729495b1e2dbff938628/>
Disable individual + interconnected/interdependent/interrelated services in groups +/- separately (if + where applicable):
http://en.wikipedia.org/wiki/List_of_Microsoft_Windows_components#Services
<http://www.elevenforum.com/t/enable-and-disable-services-in-windows-11.3069/>
<http://www.tenforums.com/tutorials/4499-start-stop-disable-services-windows-10-a.html>
<http://www.windowcentral.com/how-start-and-stop-services-windows-10/>
<http://www.winaero.com/start-stop-restart-service-windows-10/>
<http://win10help.info/how-to-enable-or-disable-app-readiness-service-in-windows-10/>
<http://www.file.net/process/fmapp.exe.html>
<http://teckangaroo.com/what-is-connected-devices-platform-service/>
<http://www.thewindowsclub.com/what-is-connected-devices-platform-service-cdpsvc/>

<http://appuals.com/what-is-the-connected-devices-platform-service-and-should-it-be-disabled/>
<http://learn.microsoft.com/previous-versions/windows/desktop/qos/link-layer-topology-discovery-protocol/>
<http://social.technet.microsoft.com/Forums/en-US/f933e03b-e157-4a1d-9916-8cfeb11ad2fc/>
<http://www.makeuseof.com/tag/wsappx-high-disk-cpu-usage-windows-10/>
<http://www.newnettechnologies.com/disable-windows-services.html>
<http://virtualfeller.com/2017/04/25/optimize-vdi-windows-10-services-original-anniversary-and-creator-updates/>
<http://www.howtogeek.com/268240/what-is-runtime-broker-and-why-is-it-running-on-my-pc/>
<http://www.tenforums.com/tutorials/122727-enable-disable-offline-files-windows.html>
<http://www.poppelgaard.com/how-to-determine-usb-drivers-are-configured-correctly-on-the-online-plug-in/>
<http://www.tenforums.com/customization/179334-project-services-can-disabled-without-drastic-impact-12.html>

See also:

- MDGx "Tweak Windows 7/7 SP1 Services" chapter in WINDOWS7.TXT (included):

<http://www.mdgx.com/7.php>

<http://www.mdgx.com/WINDOWS7.TXT>

- MDGx "Tweaked Windows 10/11 Services + Drivers" [Experimental!] in SERVCS10.TXT (included):

<http://www.mdgx.com/servcs10.php>

<http://www.mdgx.com/SERVCS10.TXT>

I am currently testing (Disabled/Enabled, Started/Stopped) for optimal functionality, requirements, necessities, privacy, safety, security, proper interdependencies, allocation of resources, performance + preferences.

- MDGx "HOSTS Files, Guides + Tools" -> "NOTE 2: DNS Client Service" section -> "More info:" topic:

<http://www.mdgx.com/hosts.php#N2>

- MDGx Windows NTx Services tweaking tools [free(ware)] -> "SERVICES" section in TOOLS.TXT (included):

<http://www.mdgx.com/tools.php>

<http://www.mdgx.com/TOOLS.TXT>

* Autoruns 32-bit + 64-bit GUI interface (Autoruns.exe 32-bit + Autoruns64.exe 64-bit) + DOS console command line

(Autorunsc.exe 32-bit + Autorunsc64.exe 64-bit) registry + startup tools add/disable/edit/enable/rename/remove any/all

automated/built-in/default/forced/hardwired/locked/preset/unattended

(auto)load/(auto)run entries: boot/logon/startup apps,

drivers, executables (.exe), gadgets (.gadget), loading/registered APIs/DLLs

(.dll), programs, services, scripts (.bat,

.cmd, .reg, .vbs, etc), scheduled tasks (.job), highly customizable:

<http://learn.microsoft.com/sysinternals/downloads/autoruns/>

File:

<http://download.sysinternals.com/files/Autoruns.zip>

* ServiWin 32-bit + 64-bit displays, stops/(re)starts, pauses/continues + disables/(re)enables Windows services + drivers:

<http://www.nirsoft.net/utils/serviwin.html>

ServiWin 64-bit:

<http://www.nirsoft.net/utils/serviwin-x64.zip>

ServiWin 32-bit:

<http://www.nirsoft.net/utils/serviwin.zip>

Create complete Drivers + Services HTML Report(s):

ServiWin -> Help -> Run As Administrator [or hold Ctrl + press F11] -> View -> HTML Report - All Items.

* Here is the list of Disabled (+ Stopped) services on my tweaked Windows 10 gaming laptop (used only as example):

<http://www.mdgx.com/pc.htm#LAP>
that in my opinion start, enable +/- are interconnected/interdependent/interrelated to adware, tracking, spyware, telemetry, phone-home, unsafe, forced, behind-my-back, unused, unnecessary, useless, obsolete +/- bloat features/functions/options/settings, and obtained by running %WinDir%\SYSTEM32\SERVICES.MSC [%WinDir% = usually C:\WINDOWS]:
view/start/stop/disable, set to Disabled/Manual/Automatic Windows Services -> Start button/icon/logo/menu/orb -> Run...
[hold WinKey + press R] -> type services.msc
-> click OK or press Enter -> test + tweak each service by hand individually or in pairs/batches/groups (if interconnected/interdependent/interrelated) *only* after learning about them -> see links at the top of this topic.
ActiveX Installer (AxInstSV) [AxInstSV]
Agent Activation Runtime (AAR) [AarSvc]
Agent Activation Runtime (AAR) ?????? [AarSvc_??????]
AllJoyn Router Service [AJRouter]
App Readiness [AppReadiness]
Application Layer Gateway Service [ALG]
Application Management [AppMgmt]
<http://batcmd.com/windows/10/services/appmgmt/>
%WinDir%\SYSTEM32\appmgmts.dll
AppLocker Filter (Smartlocker Filter driver) [applockerfltr]
AppX Deployment Service (AppXSVC) [AppXSvc]
AssignedAccessManager Service [AssignedAccessManagerSvc]
<http://batcmd.com/windows/10/services/assignedaccessmanagersvc/>
%WinDir%\SYSTEM32\assignedaccessmanagersvc.dll
Auto Time Zone Updater [tzautoupdate]
AVCTP (Audio Video Control Transport Protocol) service [BthAvctpSvc]
Background Intelligent Transfer Service [BITS] = DISABLED by WUB -> "Turn OFF/Postpone/Block/Uninstall Windows Updates (WU)" [above]
BitLocker Drive Encryption Service [BDESVC]
Block Level Backup Engine Service [wbengine]
Capability Access Manager Service [camsvc]
CaptureService [CaptureService]
CaptureService_?????? [CaptureService_??????]
Cellular Time [autotimesvc]
Client License Service (ClipSVC) [ClipSVC]
Clipboard User Service [cbdhsvc]
Clipboard User Service_?????? [cbdhsvc_??????]
Connected User Experiences and Telemetry [DiagTrack]
Contact Data [PimIndexMaintenanceSvc]
Contact Data ?????? [PimIndexMaintenanceSvc_??????]
Credential Manager [VaultSvc]
<http://batcmd.com/windows/10/services/vaultsvc/>
%WinDir%\SYSTEM32\vaultsvc.dll
Credential Enrollment Manager User Service [CredentialEnrollmentManagerUserSvc]
<http://batcmd.com/windows/10/services/credentialenrollmentmanagerusersvc/>
%WinDir%\SYSTEM32\CredentialEnrollmentManager.exe
Credential Enrollment Manager User Service ??????
[CredentialEnrollmentManagerUserSvc_??????]
<http://batcmd.com/windows/10/services/credentialenrollmentmanagerusersvc/>
%WinDir%\SYSTEM32\CredentialEnrollmentManager.exe
Data Sharing Service [DsSvc]
<http://batcmd.com/windows/10/services/dssvc/>
%WinDir%\SYSTEM32\DsSvc.dll
Data Usage [DusmSvc]
Debug reg service [debugregsvc]
Delivery Optimization [DoSvc] = DISABLED by WUB -> "Turn OFF/Postpone/Block/Uninstall Windows Updates (WU)" [above]
Developer Tools Service [DeveloperToolsService]

DevQuery Background Discovery Broker [DevQueryBroker]
DeviceAssociationBroker [DeviceAssociationBrokerSvc]
<http://batcmd.com/windows/10/services/deviceassociationbrokersvc/>
%WinDir%\SYSTEM32\deviceaccess.dll
DeviceAssociationBroker_?????? [DeviceAssociationBrokerSvc_??????]
<http://batcmd.com/windows/10/services/deviceassociationbrokersvc/>
%WinDir%\SYSTEM32\deviceaccess.dll
DevicesFlow [DevicesFlowUserSvc]
DevicesFlow_?????? [DevicesFlowUserSvc_??????]
DevicePicker [DevicePickerUserSvc]
DevicePicker_?????? [DevicePickerUserSvc_??????]
Device Association Service [DeviceAssociationService]
Device Management Enrollment Service [DmEnrollmentSvc]
<http://batcmd.com/windows/10/services/dmenrollmentsvc/>
%WinDir%\SYSTEM32\Windows.Internal.Management.dll
DialogBlockingService [DialogBlockingService]
<http://batcmd.com/windows/10/services/dialogblockingservice/>
%WinDir%\SYSTEM32\DialogBlockingService.dll
Display Enhancement Service [DisplayEnhancementService]
Display Policy Service [DispBrokerDesktopSvc]
(Microsoft) Distributed Transaction Coordinator [MSDTC]
<http://batcmd.com/windows/10/services/msdtc/>
%WinDir%\SYSTEM32\msdtc.exe
DNS Client [Dnscache]
Dolby DAX API Service [DolbyDAXAPI]
Downloaded Maps Manager [MapsBroker]
Enterprise App Management Service [EntAppSvc]
File History Service [fhsvc]
Fortemedia APO Control Service [FMAPOService]
Function Discovery Provider Host [fdPHost]
Function Discovery Resource Publication [FDResPub]
GameDVR and Broadcast User Service [BcastDVRUserService]
<http://batcmd.com/windows/10/services/bcastdvruserservice/>
%WinDir%\SYSTEM32\BcastDVRUserService.dll
GameDVR and Broadcast User Service ?????? [BcastDVRUserService_??????]
<http://batcmd.com/windows/10/services/bcastdvruserservice/>
%WinDir%\SYSTEM32\BcastDVRUserService.dll
Geolocation Service [lfsvc]
Graphics Performance Service [GraphicsPerfSvc]
<http://batcmd.com/windows/10/services/graphicsperfsvc/>
%WinDir%\SYSTEM32\GraphicsPerfSvc.dll
HV (Hypervisor/Virtual Machine) Host Service [HvHost]
<http://www.smartpcutilities.com/windows-service.html?name=HvHost>
%WinDir%\SYSTEM32\hvhostsvc.dll
<http://learn.microsoft.com/virtualization/hyper-v-on-windows/reference/integration-services/>
<http://www.nakivo.com/blog/manage-hyper-v-integration-services/>
Hyper-V Data Exchange Service [vmickvpexchange]
<http://batcmd.com/windows/10/services/vmickvpexchange/>
%WinDir%\SYSTEM32\icsvc.dll
Hyper-V Guest Service Interface [vmicguestinterface]
<http://batcmd.com/windows/10/services/vmicguestinterface/>
%WinDir%\SYSTEM32\icsvc.dll
Hyper-V Guest Shutdown Service [vmicshutdown]
<http://batcmd.com/windows/10/services/vmicshutdown/>
%WinDir%\SYSTEM32\icsvc.dll
Hyper-V Heartbeat Service [vmicheartbeat]
<http://batcmd.com/windows/10/services/vmicheartbeat/>
%WinDir%\SYSTEM32\icsvc.dll
Hyper-V PowerShell Direct Service [vmicvmsession]
<http://batcmd.com/windows/10/services/vmicvmsession/>
%WinDir%\SYSTEM32\icsvc.dll
Hyper-V Remote Desktop Virtualization Service [vmicrdv]
<http://batcmd.com/windows/10/services/vmicrdv/>

%WinDir%\SYSTEM32\icsvcext.dll
Hyper-V Time Synchronization Service [vmictimesync]
<http://batcmd.com/windows/10/services/vmictimesync/>
%WinDir%\SYSTEM32\icsvc.dll
Hyper-V Volume Shadow Copy Requestor [vmicvss]
<http://batcmd.com/windows/10/services/vmicvss/>
%WinDir%\SYSTEM32\icsvcext.dll
Hypervisor/Virtual Machine Support Driver [hvservice]
<http://renenyffenegger.ch/notes/Windows/dirs/Windows/System32/drivers/index/>
%WinDir%\SYSTEM32\DRIVERS\hvservice.sys
Microsoft VMBus Synthetic Keyboard Driver [hyperkbd]
<http://batcmd.com/windows/10/services/hyperkbd/>
%WinDir%\SYSTEM32\DRIVERS\hyperkbd.sys
Microsoft VMBus Video Device Miniport Driver [hypervideo]
<http://batcmd.com/windows/10/services/hypervideo/>
%WinDir%\SYSTEM32\DRIVERS\HyperVideo.sys
Internet Connection Sharing (ICS) [SharedAccess]
KtmRm for Distributed Transaction Coordinator [KtmRm]
<http://batcmd.com/windows/10/services/ktmrm/>
%WinDir%\SYSTEM32\msdtckrm.dll
Link-Layer Topology Discovery Mapper [lltdsvc]
<http://batcmd.com/windows/10/services/lltdsvc/>
%WinDir%\SYSTEM32\lltdsvc.dll
<http://learn.microsoft.com/windows/win32/services/services-and-redirced-drives/>
<http://helpdeskgeek.com/windows-10/4-fixes-when-you-cant-map-a-network-drive-in-windows-10/>
Link-Layer Topology Discovery Mapper I/O Driver [lltdio]
<http://batcmd.com/windows/10/services/lltdio/>
%WinDir%\SYSTEM32\DRIVERS\lltdio.sys
<http://www.windows-security.org/windows-service/link-layer-topology-discovery-mapper/>
Local Profile Assistant Service [wlpasvc]
Messaging Service [MessagingService]
Messaging Service ?????? [MessagingService_??????]
Microsoft Account Sign-in Assistant [wlidsvc]
Microsoft App-V Client [AppVClient]
<http://batcmd.com/windows/10/services/appvclient/>
Microsoft App-V VFS Mini-Filter Driver [AppvVfs]
<http://batcmd.com/windows/10/services/appvvfs/>
Microsoft App-V Virtual Environment Manager Driver [AppvVemgr]
<http://batcmd.com/windows/10/services/appvvemgr/>
Microsoft App-V Streaming Mini-Filter Driver [AppvStrm]
Microsoft (Windows) Defender Antivirus Network Inspection Driver [WdNisDrv]
<http://batcmd.com/windows/10/services/wdnisdrv/>
%WinDir%\SYSTEM32\DRIVERS\WdNisDrv.sys
Microsoft (Windows) Defender Antivirus Network Inspection Service [WdNisSvc]
<http://batcmd.com/windows/10/services/wdnissvc/>
%ProgramFiles%\Windows Defender\NisSrv.exe
Microsoft (Windows) Defender Antivirus Service [WinDefend]
<http://batcmd.com/windows/10/services/windefend/>
%ProgramFiles%\Windows Defender\MsMpEng.exe
Microsoft Edge Elevation Service [MicrosoftEdgeElevationService]
<http://batcmd.com/windows/10/services/microsoftedgeelevation-service/>
%ProgramFiles%\Microsoft\Edge\Application\89.0.774.68\elevation_service.exe
%ProgramFiles%\Microsoft\Edge\Application\92.0.902.67\elevation_service.exe
%ProgramFiles%\Microsoft\Edge\Application\108.0.1462.46\elevation_service.exe
%ProgramFiles(x86)%\Microsoft\Edge\Application\89.0.774.68\elevation_service.exe
%ProgramFiles(x86)%\Microsoft\Edge\Application\92.0.902.67\elevation_service.exe
%ProgramFiles(x86)%\Microsoft\Edge\Application\108.0.1462.46\ele
vation_service.exe
%ProgramFiles(x86)%\Microsoft\EdgeCore\89.0.774.68\elevation_service.exe
%ProgramFiles(x86)%\Microsoft\EdgeCore\92.0.902.67\elevation_service.exe
%ProgramFiles(x86)%\Microsoft\EdgeCore\108.0.1462.46\elevation_service.exe

Microsoft Edge Update Service (edgeupdate) [edgeupdate]
http://batcmd.com/windows/10/services/edgeupdate/
%ProgramFiles%\Microsoft\EdgeUpdate\MicrosoftEdgeUpdate.exe /svc
%ProgramFiles(x86)%\Microsoft\EdgeUpdate\MicrosoftEdgeUpdate.exe /svc
Microsoft Edge Update Service (edgeupdatem) [edgeupdatem]
http://batcmd.com/windows/10/services/edgeupdatem/
%ProgramFiles%\Microsoft\EdgeUpdate\MicrosoftEdgeUpdate.exe /medsvc
%ProgramFiles(x86)%\Microsoft\EdgeUpdate\MicrosoftEdgeUpdate.exe /medsvc
Microsoft Passport [NgcSvc]
http://batcmd.com/windows/10/services/ngcsvc/
%WinDir%\SYSTEM32\ngcsvc.dll
Microsoft Passport Container [NgcCtnrSvc]
http://batcmd.com/windows/10/services/ngcctnrsvc/
%WinDir%\SYSTEM32\NgcCtnrSvc.dll
Microsoft (R) Diagnostics Hub Standard Collector Service
[diagnosticshub.standardcollector.service]
http://batcmd.com/windows/10/services/diagnosticshub-standardcollector-service/
%WinDir%\SYSTEM32\DiagSvcs\Diagnosticshub.StandardCollector.Service.exe
Microsoft Software Shadow Copy Provider [swprv]
Microsoft Storage Spaces SMP [smphost]
Microsoft Store Install Service [InstallService]
Microsoft Windows SMS Router Service [SmsRouter]
Natural Authentication [NaturalAuthentication]
Net.Tcp Port Sharing Service [NetTcpPortSharing]
Netlogon [Netlogon]
http://batcmd.com/windows/10/services/netlogon/
%WinDir%\SYSTEM32\netlogon.dll
Network Connection Broker [NcbService]
Offline Files [CscService]
Optimize drives [defragsvc]
Parental Controls [WpcMonSvc]
Payments and NFC/SE Manager [SEMgrSvc]
Peer Name Resolution Protocol [PNRPsvc]
Peer Networking Grouping [p2psvc]
Peer Networking Identity Manager [p2pimsvc]
Performance Counter DLL Host [PerfHost]
PNRP Machine Name Publication Service [PNRPAutoReg]
Printer Extensions and Notifications [PrintNotify]
PrintWorkflow [PrintWorkflowUserSvc]
PrintWorkflow ?????? [PrintWorkflowUserSvc_??????]
Problem Reports and Solutions Control Panel Support [wercplsupport]
http://batcmd.com/windows/10/services/wercplsupport/
%WinDir%\SYSTEM32\wercplsupport.dll
Quality Windows Audio Video Experience [QWAVE]
Remote Access Connection Manager [RasMan]
Remote Desktop Configuration [SessionEnv]
Remote Desktop Services [TermService]
Remote Desktop Services UserMode Port Redirector [UmRdpService]
Remote Packet Capture Protocol v.0 (experimental) [rpcapd]
Remote Procedure Call (RPC) Locator [RpcLocator]
http://batcmd.com/windows/10/services/rpclocator/
%WinDir%\SYSTEM32\locator.exe
Remote Registry [RemoteRegistry]
Retail Demo Service [RetailDemo]
Routing and Remote Access [RemoteAccess]
http://batcmd.com/windows/10/services/remoteaccess/
%WinDir%\SYSTEM32\mprdim.dll
Security Center [wscsvc]
Sensor Data Service [SensorDataService]
Sensor Monitoring Service [SensrSvc]
Sensor Service [SensorService]
Server [LanmanServer]
http://batcmd.com/windows/10/services/lanmanserver/
%WinDir%\SYSTEM32\svrsvc.dll

Shared PC Account Manager [shpamsvc]
SNMP (Simple Network Management Protocol) Trap [SNMPTRAP]
<http://batcmd.com/windows/10/services/snmptrap/>
<http://www.manageengine.com/vulnerability-management/misconfiguration/legacy-protocols/how-to-disable-snmp.html>
http://en.wikipedia.org/wiki/Simple_Network_Management_Protocol
%WinDir%\SYSTEM32\snmptrap.exe
Spatial Data Service [SharedRealitySvc]
SSDP (Simple Service Discovery Protocol) Discovery [SSDPSRV]
<http://batcmd.com/windows/10/services/ssdpsrv/>
<http://www.blackviper.com/windows-services/ssdp-discovery-service/>
<http://www.windows-security.org/windows-service/ssdp-discovery/>
http://en.wikipedia.org/wiki/Simple_Service_Discovery_Protocol
%WinDir%\SYSTEM32\ssdpsrv.dll
Storage Tiers Management [TieringEngineService]
Sync Host [OneSyncSvc]
<http://batcmd.com/windows/10/services/onesyncsvc/>
%WinDir%\SYSTEM32\APHostService.dll
Sync Host ?????? [OneSyncSvc_??????]
<http://batcmd.com/windows/10/services/onesyncsvc/>
%WinDir%\SYSTEM32\APHostService.dll
TCP/IP NetBIOS Helper [lmhosts]
Time Broker [TimeBrokerSvc]
Touch Keyboard and Handwriting Panel Service [TabletInputService]
Udk User Service (User Share Process Template) [UdkUserSvc]
Udk User Service ?????? (User Share Process Template) [UdkUserSvc_??????]
<http://batcmd.com/windows/10/services/udkusersvc/>
%WinDir%\SYSTEM32\windowsudk.shellcommon.dll
Update Orchestrator Service [Usosvc] = DISABLED by WUB -> "Turn OFF/Postpone/Block/Uninstall Windows Updates (WU)" [above]
UPnP (Universal Plug and Play) Device Host [upnphost]
<http://batcmd.com/windows/10/services/upnphost/>
%WinDir%\SYSTEM32\upnphost.dll
<http://www.upguard.com/blog/what-is-upnp/>
http://en.wikipedia.org/wiki/Universal_Plug_and_Play
User Data Access [UserDataSvc]
User Data Access ?????? [UserDataSvc_??????]
User Data Storage [UnistoreSvc]
User Data Storage ?????? [UnistoreSvc_??????]
User Experience Virtualization Service [UevAgentService]
Volume Shadow Copy [VSS]
Volumetric Audio Compositor Service [VacSvc]
Wallet Service [WalletService]
Windows Backup [SDRSVC]
Windows Biometric Service [WbioSrvc]
Windows Camera Frame Server [FrameServer]
Windows Connection Manager [Wcmsvc]
Windows Connect Now - Config Registrar [wcnscvc]
Windows Encryption Provider Host Service [WEPHOSTSVC]
Windows Event Collector [Weccsvc]
Windows Insider Program (WIP) [wisvc]
Windows License Manager Service [LicenseManager]
Windows Management Service [WManSvc]
<http://batcmd.com/windows/10/services/wmansvc/>
%WinDir%\SYSTEM32\Windows.Management.Service.dll
Windows Media Player Network Sharing Service [WMPNetworkSvc]
Windows Mixed Reality OpenXR Service [MixedRealityOpenXRSvc]
Windows Perception Service [spectrum]
Windows Perception Simulation Service [perceptionsimulation]
Windows Push Notifications System Service [WpnService]
<http://batcmd.com/windows/10/services/wpnservice/>
%WinDir%\SYSTEM32\WpnService.dll
Windows Push Notifications User Service [WpnUserService]
<http://batcmd.com/windows/10/services/wpnuservice/>

%WinDir%\SYSTEM32\WpnUserService.dll
 Windows Push Notifications User Service ?????? [WpnUserService_??????]
<http://batcmd.com/windows/10/services/wpnuserservice/>
 %WinDir%\SYSTEM32\WpnUserService.dll
 Windows PushToInstall Service [PushToInstall]
 Windows Remote Management (WS-Management) [WinRM]
 Windows Search [WSearch]
 Windows Security Service [SecurityHealthService]
 Windows Update [wuau servicing] = DISABLED by WUB -> "Turn
 OFF/Postpone/Block/Uninstall Windows Updates (WU)" [above]
 Windows Update Medic Service [WaaSMedicSvc] = DISABLED by WUB -> "Turn
 OFF/Postpone/Block/Uninstall Windows Updates (WU)" [above]
 Work Folders [workfolderssvc]
 Workstation [LanmanWorkstation]
<http://batcmd.com/windows/10/services/lanmanworkstation/>
 %WinDir%\SYSTEM32\wkssvc.dll
 Xbox Accessory Management Service [XboxGipSvc]
 Xbox Live Auth Manager [XblAuthManager]
 Xbox Live Game Save [XblGameSave]
 Xbox Live Networking Service [XboxNetApiSvc]
 See also MDGx "Tweaked Windows 10/11 Services + Drivers" [Experimental!] in
 SERVCs10.TXT (included):
<http://www.mdgx.com/servcs10.php>
<http://www.mdgx.com/SERVCs10.TXT>
 Services that refuse to be disabled or to have their status
 (Automatic/Manual/Disabled) changed from within SERVICES.MSC can
 be disabled/(re)enabled as needed using the Registry Editor (RegEdit): right-
 click RegEdit (%WinDir%\REGEDIT.EXE)
 [%WinDir% = usually C:\WINDOWS] or its shortcut/link -> Run as Administrator ->
 go to this registry subkey
 HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services
 -> click left hand pane desired service name registry key [example: Dnscache]
 HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\Dnscache
 -> double-click right hand pane "Start" DWORD [REG_DWORD] registry value ->
 change its numeric value to 4 [which means
 Disabled] -> press OK -> exit RegEdit.
 Examples:
<http://mistyprojects.co.uk/documents/TinyPXEServer/files/img/regedit2.jpg>
[http://cdn2.windowswally.com/wp-content/uploads/2015/09/RuntimeBroker.exe-
 Windows-10-regedit-TimeBroker-Windows-Wally.jpg](http://cdn2.windowswally.com/wp-content/uploads/2015/09/RuntimeBroker.exe-Windows-10-regedit-TimeBroker-Windows-Wally.jpg)
IMPORTANT:

 - Your custom/specific
 choices/features/functions/needs/options/preferences/settings and
 devices/hardware/software/services/drivers for specific pairs/batches/groups of
 interconnected/interdependent/interrelated
 services + drivers may be different depending on what you do with your
 computer(s)/portable(s)/device(s), and/or what
 (combination of) devices/hardware/software/services/drivers you are using.
 - Make sure to review carefully each service documentation, and most importantly
 each service "Dependencies" tab as shown in
 SERVICES.MSC *before* disabling them (example):
[http://www.thewindowsclub.com/wp-content/uploads/2018/05/Windows-10-Service-
 Dependencies.png](http://www.thewindowsclub.com/wp-content/uploads/2018/05/Windows-10-Service-Dependencies.png)
NOTE:

 Windows 10 introduced a new "breed" of Windows services: Per User services,
 marked at the end of the name string with an
 underscore [_] or a space [] followed by a 4-12 digit numeric string [Locally
 Unique Identifier (LUID)], which is unique
 for each user/user session/login/up time, depending on which Windows 10/11
 build/edition/release/update/version you are
 using.
<http://learn.microsoft.com/windows/application-management/per-user-services-in->

windows/
<http://helgeklein.com/blog/per-user-services-in-windows-info-and-configuration/>
1st Things 1st:

BACKUP YOUR REGISTRY BEFORE MAKING ANY CHANGES! -> See "BACKUP/EXPORT + RESTORE/IMPORT REGISTRY/REGISTRY KEY(S)" in WINDOWS7.TXT (included):

<http://www.mdgx.com/7.php#:~:text=BACKUP%2FEXPORT%20%2B%20RESTORE%2FIMPORT%20REGISTRY%2FREGISTRY%20KEY%28S%29%20%21>

Per User services can be disabled and/or prevented from being (re)created by changing their default "LaunchProtected", "Security" and/or "UserServiceFlags" registry DWORD [REG_DWORD] 32-bit or Binary [REG_BINARY] numeric values to null [dword:0 or hex:00/hex(0):] (examples):

<http://learn.microsoft.com/answers/questions/401557/>

See also "Comprehensive Windows Registry Guide" chapter -> "Registry Structure" section in REGISTRY.TXT (included):

<http://www.mdgx.com/reg.htm#RTS>

CAUTION:

Disabling/changing some of these registry keys/values may impair/limit normal/proper Windows functionality/operation, cause errors, or even lock you out of your Windows Operating System (OS)! Make sure you already have a current full Windows backup copy and backups of all main registry keys saved in binary format

[Save as type: -> Registration Files (.reg)] *before* making any changes = see "BACKUP/EXPORT + RESTORE/IMPORT

REGISTRY/REGISTRY KEY(S)" in WINDOWS7.TXT (included):

<http://www.mdgx.com/7.php#:~:text=BACKUP%2FEXPORT%20%2B%20RESTORE%2FIMPORT%20REGISTRY%2FREGISTRY%20KEY%28S%29%20%21>

Only after that...

Plan A

~~~~~

Disable Per User service [WpnUserService] from a DOS console (command prompt) -> right-click CMD shortcut/CMD.EXE ->

Run as Administrator -> run these commands -> press Enter after each line (example):

```
REG.EXE DELETE "HKLM\SYSTEM\CurrentControlSet\Services\WpnUserService\
Security" /f
REG.EXE DELETE "HKLM\SYSTEM\ControlSet001\Services\WpnUserService\Security" /f
REG.EXE DELETE "HKLM\SYSTEM\ControlSet002\Services\WpnUserService\Security" /f
REG.EXE ADD "HKLM\SYSTEM\CurrentControlSet\Services\WpnUserService\Security" /v
Security /t REG_BINARY /d 0 /f
REG.EXE ADD "HKLM\SYSTEM\ControlSet001\Services\WpnUserService\Security" /v
Security /t REG_BINARY /d 0 /f
REG.EXE ADD "HKLM\SYSTEM\ControlSet002\Services\WpnUserService\Security" /v
Security /t REG_BINARY /d 0 /f
REG.EXE ADD "HKLM\SYSTEM\CurrentControlSet\Services\WpnUserService" /v
LaunchProtected /t REG_DWORD /d 0 /f
REG.EXE ADD "HKLM\SYSTEM\ControlSet001\Services\WpnUserService" /v
LaunchProtected /t REG_DWORD /d 0 /f
REG.EXE ADD "HKLM\SYSTEM\ControlSet002\Services\WpnUserService" /v
LaunchProtected /t REG_DWORD /d 0 /f
REG.EXE ADD "HKLM\SYSTEM\CurrentControlSet\Services\WpnUserService" /v
UserServiceFlags /t REG_DWORD /d 0 /f
REG.EXE ADD "HKLM\SYSTEM\ControlSet001\Services\WpnUserService" /v
UserServiceFlags /t REG_DWORD /d 0 /f
REG.EXE ADD "HKLM\SYSTEM\ControlSet002\Services\WpnUserService" /v
UserServiceFlags /t REG_DWORD /d 0 /f
REG.EXE ADD "HKLM\SYSTEM\CurrentControlSet\Services\WpnUserService" /v Start /t
REG_DWORD /d 4 /f
REG.EXE ADD "HKLM\SYSTEM\ControlSet001\Services\WpnUserService" /v Start /t
REG_DWORD /d 4 /f
REG.EXE ADD "HKLM\SYSTEM\ControlSet002\Services\WpnUserService" /v Start /t
```

REG\_DWORD /d 4 /f

OR if method above does not work (using same example):

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer

<http://www.mdgx.com/toy.htm#TXT>

to create a plain text Registry file containing the lines between Cut & Paste delimiters below -> save it as plain

text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click it -> Run as Administrator -> answer Yes/OK

to all prompts to register/merge/import its information into your registry.

-----Begin cut & paste here-----

REGEDIT4

[HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Services\WpnUserService\Security]  
"Security"=hex:00

[-HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Services\WpnUserService\Security]

[HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Services\WpnUserService]

"LaunchProtected"=dword:0

"UserServiceFlags"=dword:0

"Start"=dword:4

[HKEY\_LOCAL\_MACHINE\SYSTEM\ControlSet001\Services\WpnUserService\Security]

"Security"=hex:00

[-HKEY\_LOCAL\_MACHINE\SYSTEM\ControlSet001\Services\WpnUserService\Security]

[HKEY\_LOCAL\_MACHINE\SYSTEM\ControlSet001\Services\WpnUserService]

"LaunchProtected"=dword:0

"UserServiceFlags"=dword:0

"Start"=dword:4

[HKEY\_LOCAL\_MACHINE\SYSTEM\ControlSet002\Services\WpnUserService\Security]

"Security"=hex:00

[-HKEY\_LOCAL\_MACHINE\SYSTEM\ControlSet002\Services\WpnUserService\Security]

[HKEY\_LOCAL\_MACHINE\SYSTEM\ControlSet002\Services\WpnUserService]

"LaunchProtected"=dword:0

"UserServiceFlags"=dword:0

"Start"=dword:4

;

-----End cut & paste here-----

Windows Push Notifications User Service [WpnUserService]:

<http://batcmd.com/windows/10/services/wpnuserservice/>

Plan B

~~~~~

In case both methods above do not work due to Windows 10/11 registry protection,

you may need to do this by hand by using the

Registry Editor (%WinDir%\RegEdit.exe) [%WinDir% = usually C:\WINDOWS] (using same example): right-click RegEdit or its

shortcut/link -> Run as Administrator -> go to this registry subkey:

HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services

and then to this registry subkey:

HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Services

and then to this registry subkey (if present):

HKEY_LOCAL_MACHINE\SYSTEM\ControlSet002\Services

-> click left hand pane desired service name registry key [example:

WpnUserService] (if present) -> double-click right hand

pane "Start" DWORD [REG_DWORD] registry value -> change its numeric value to 4

[which means Disabled] -> press OK -> exit

RegEdit.

Repeat same steps for the other registry values above and set their DWORD

[REG_DWORD] or Binary [REG_BINARY] numeric values

to null [dword:0 or hex:00 or hex(0):] (see above):

LaunchProtected [REG_DWORD] = dword:0

Security [REG_BINARY] = hex:00 [hex(0):]

UserServiceFlags [REG_DWORD] = dword:0

Plan C

~~~~~

In case "Plan B" above does not work due to Windows 10/11 registry protection, you can do this by hand by running the

Registry Editor (%WinDir%\RegEdit.exe) [%WinDir% = usually C:\WINDOWS] as TrustedInstaller (highest available user level privileges) using AdvancedRun.exe (example):  
AdvancedRun.exe /EXEfilename "%windir%\REGEDIT.EXE" /RunAs 8 /Run  
AdvancedRun [AdvancedRun.exe] 32-bit + 64-bit GUI interface + DOS console command line tool for Windows Vista/newer 32-bit + 64-bit runs any app/batch/command/executable/function/process/program/script/service/task/tool as Administrator/SYSTEM/TrustedInstaller/any user with elevated/highest/protected privileges/rights, compatibility, environment, ownership, permissions, priority, properties, useful for task automation in BATch (.BAT), CoMmanD (.CMD) + Visual Basic Script (.VBS) files, highly customizable:  
[http://www.nirsoft.net/utils/advanced\\_run.html](http://www.nirsoft.net/utils/advanced_run.html)  
AdvancedRun 64-bit:  
<http://www.nirsoft.net/utils/advancedrun-x64.zip>  
AdvancedRun 32-bit:  
<http://www.nirsoft.net/utils/advancedrun.zip>  
Run Programs as TrustedInstaller:  
<http://www.winhelponline.com/blog/run-program-as-trustedinstaller-locked-registry-keys-files/>  
See also "Everything About The Infamous (Not So) Trusted Installer" chapter in WINDOWS7.TXT (included):  
<http://www.mdgx.com/7.php>  
<http://www.mdgx.com/WINDOWS7.TXT>  
As soon as the RegEdit window is open, repeat all steps above from "Plan B". Example: Microsoft (Windows) Defender Antivirus Service [WinDefend] can be disabled only by using RegEdit as TrustedInstaller, or if you're running a Windows 10 edition other than Home, it may still be available by running Group Policy Editor (GPEdit.msc).  
<http://tipsmake.com/instructions-to-turn-off-windows-defender-completely-on-windows-10>  
Final Step  
~~~~~

No matter which "Plan" you have used, you should restart/reboot Windows for all changes to take effect.

* ALWAYS ON: *never* Stop nor Disable these Windows 10 drivers + services, which are either critical, essential/vital for the integrity, proper functionality/operation and/or stability of the operating system (OS) and its core components, or that cannot be stopped (unable to bypasses Windows built-in/forced/hardwired/locked defaults/presets), or which Windows always restarts on its own even after they (together with their interconnected/interdependent/interrelated drivers/services) are set to Disabled and Stopped (most important examples I can think of):
Background Tasks Infrastructure Service [BrokerInfrastructure]
<http://batcmd.com/windows/10/services/brokerinfrastructure/>
%WinDir%\SYSTEM32\psmsrv.dll
Capability Access Manager Service [camsvc]
<http://batcmd.com/windows/10/services/camsvc/>
CD/DVD File System Reader driver [cdfs]
<http://batcmd.com/windows/10/services/cdfs/>
Cloud Files Mini Filter Driver [CldFlt]
<http://batcmd.com/windows/10/services/cldflt/>
CNG Hardware Assist algorithm provider Driver [cnghwassist]
<http://batcmd.com/windows/10/services/cnghwassist/>
CoreMessaging [CoreMessagingRegistrar]
<http://batcmd.com/windows/10/services/coremessagingregistrar/>
%WinDir%\SYSTEM32\coremessaging.dll
Cryptographic Services [CryptSvc] = ALWAYS ON -> (re)starts even if DISABLED !
<http://batcmd.com/windows/10/services/cryptsvc/>

%WinDir%\SYSTEM32\cryptsvc.dll
Diagnostic Policy Service [DPS]
<http://batcmd.com/windows/10/services/dps/>
%WinDir%\SYSTEM32\dps.dll
Diagnostic Execution Service [diagsvc]
<http://batcmd.com/windows/10/services/diagsvc/>
%WinDir%\SYSTEM32\DiagSvc.dll
Diagnostic Service Host [WdiServiceHost]
<http://batcmd.com/windows/10/services/wdiservicehost/>
%WinDir%\SYSTEM32\wdi.dll
Diagnostic System Host [WdiSystemHost]
<http://batcmd.com/windows/10/services/wdisystemhost/>
%WinDir%\SYSTEM32\wdi.dll
Display Policy Service [DispBrokerDesktopSvc]
<http://batcmd.com/windows/10/services/dispbrokerdesktopsvc/>
%WinDir%\SYSTEM32\DispBroker.Desktop.dll
Distributed Link Tracking Client (DLTC) [TrkWks]
<http://learn.microsoft.com/troubleshoot/windows-server/backup-and-storage/distributed-link-tracking-on-domain-controller/>
<http://www.blackviper.com/windows-services/distributed-link-tracking-client/>
<http://batcmd.com/windows/10/services/trkwks/>
%WinDir%\SYSTEM32\trkwks.dll
Embedded Mode [embeddedmode]
<http://batcmd.com/windows/10/services/embeddedmode/>
%WinDir%\SYSTEM32\embeddedmodesvc.dll
Filter Manager Driver (FltMgr) [FltMgr]
<http://batcmd.com/windows/10/services/fltmgr/>
Kernel Cryptography Driver [CNG]
<http://batcmd.com/windows/10/services/cng/>
MUP (Multiple UNC Provider) Driver [Mup]
%WinDir%\SYSTEM32\DRIVERS\mup.sys
<http://learn.microsoft.com/windows-hardware/drivers/ifs/support-for-unc-naming-and-mup/>
<http://batcmd.com/windows/10/services/mup/>
Net.Tcp Port Sharing Service [NetTcpPortSharing]
<http://batcmd.com/windows/10/services/nettcpportsharing/>
<http://learn.microsoft.com/dotnet/framework/wcf/feature-details/net-tcp-port-sharing/>
<http://www.windows-security.org/windows-service/nettcp-port-sharing-service/>
Network List Service [netprofm]
Network Location Awareness [NlaSvc]
Redirected Buffering Sub System [rdbss]
<http://learn.microsoft.com/windows-hardware/drivers/ifs/the-redirected-drive-buffering-subsystem/>
<http://batcmd.com/windows/10/services/rdbss/>
Secondary Logon [seclogon]
<http://batcmd.com/windows/10/services/seclogon/>
%WinDir%\SYSTEM32\seclogon.dll
Security Accounts Manager [SamSs] = ALWAYS ON -> (re)starts even if DISABLED !
<http://batcmd.com/windows/10/services/samss/>
%WinDir%\SYSTEM32\lsass.exe
Spot Verifier [svsvc]
<http://batcmd.com/windows/10/services/svsvc/>
%WinDir%\SYSTEM32\svsvc.dll
State Repository Service [StateRepository] = ALWAYS ON -> (re)starts even if DISABLED !
<http://batcmd.com/windows/10/services/staterepository/>
%WinDir%\SYSTEM32\windows.staterepository.dll
Storage Service [StorSvc]
<http://batcmd.com/windows/10/services/storsvc/>
Storage Tiers Management [TieringEngineService]
System Guard Runtime Monitor Broker [sgrmbroker.exe]
<http://www.winosbite.com/sgrmbroker-exe/>
TCP/IP Protocol Driver [Tcpip]

<http://batcmd.com/windows/10/services/tcpip/>
%WinDir%\SYSTEM32\DRIVERS\tcpip.sys
Universal Disk Format File System driver [udfs]
<http://batcmd.com/windows/10/services/udfs/>
User Manager [UserManager]
<http://batcmd.com/windows/10/services/usermanager/>
%WinDir%\SYSTEM32\usermgr.dll
Web Account Manager [TokenBroker]
<http://batcmd.com/windows/10/services/tokenbroker/>
%WinDir%\SYSTEM32\TokenBroker.dll
Windows Socket 2.0 Non IFS Service Provider Support Environment Driver [WS2IFSL]
<http://batcmd.com/windows/10/services/ws2ifsl/>
%WinDir%\SYSTEM32\DRIVERS\WS2IFSL.SYS
<http://www.bleepingcomputer.com/startups/>
Windows_Socket_2.0_Non_IFS_Service_Provider_Support_Environment-12029.html
http://en.wikipedia.org/wiki/Layered_Service_Provider
<http://flylib.com/books/en/1.397.1.105/1/>
See also MDGx "Tweaked Windows 10/11 Services + Drivers" [Experimental!] in
SERVCS10.TXT (included):
<http://www.mdgx.com/servcs10.php>
<http://www.mdgx.com/SERVCS10.TXT>

* Here is the list of Windows 10 services needed/recommended/required by/used
for cable/dial/direct/fiber (optic)/wired, BPL
(Broadband over Power Lines)/cable/DSL (Digital Subscriber
Line)/fiber/satellite/wireless broadband, bluetooth+
Wi-Fi/wireless remote connections/internet/networks, devices/services/software,
all set to Manual [triggered to start/wake
up as necessary if/whenever triggered by other
interconnected/interdependent/interrelated services, devices, drivers,
functions, apps/programs/software, residents, tasks]:
AVCTP (Audio Video Control Transport Protocol) service [BthAvctpSvc]
<http://batcmd.com/windows/10/services/bthavctpsvc/>
%WinDir%\SYSTEM32\BthAvctpSvc.dll
Bluetooth Audio Gateway Service [BTAGService]
<http://batcmd.com/windows/10/services/btagSERVICE/>
%WinDir%\SYSTEM32\BTAGService.dll
Bluetooth Support Service [bthserv]
<http://batcmd.com/windows/10/services/bthserv/>
%WinDir%\SYSTEM32\bthserv.dll
Bluetooth User Support Service [BluetoothUserService]
<http://batcmd.com/windows/10/services/bluetoothuserservice/>
%WinDir%\SYSTEM32\Microsoft.Bluetooth.UserService.dll
Bluetooth User Support Service_?????? [BluetoothUserService_??????]
<http://batcmd.com/windows/10/services/bluetoothuserservice/>
%WinDir%\SYSTEM32\Microsoft.Bluetooth.UserService.dll
Cellular Time [autotimesvc]
Connected Devices Platform Service [CDPSvc]
<http://batcmd.com/windows/10/services/cdpsvc/>
%WinDir%\SYSTEM32\CDPSvc.dll
Connected Devices Platform User Service [CDPUserSvc]
<http://batcmd.com/windows/10/services/cdpusersvc/>
%WinDir%\SYSTEM32\CDPUserSvc.dll
Connected Devices Platform User Service_?????? [CDPUserSvc_??????]
<http://batcmd.com/windows/10/services/cdpusersvc/>
%WinDir%\SYSTEM32\CDPUserSvc.dll
ConsentUX [ConsentUxUserSvc]
ConsentUX_?????? [ConsentUxUserSvc_??????]
Credential Manager [VaultSvc]
<http://batcmd.com/windows/10/services/vaultsvc/>
%WinDir%\SYSTEM32\vaultsvc.dll
Credential Enrollment Manager User Service [CredentialEnrollmentManagerUserSvc]
<http://batcmd.com/windows/10/services/credentialenrollmentmanagerusersvc/>
%WinDir%\SYSTEM32\CredentialEnrollmentManager.exe

Credential Enrollment Manager User Service ??????
 [CredentialEnrollmentManagerUserSvc_??????]
<http://batcmd.com/windows/10/services/credentialenrollmentmanagerusersvc/>
 %WinDir%\SYSTEM32\CredentialEnrollmentManager.exe
 Cryptographic Services [CryptSvc] = ALWAYS ON -> (re)starts even if DISABLED !
<http://batcmd.com/windows/10/services/cryptsvc/>
 %WinDir%\SYSTEM32\cryptsvc.dll
 Data Sharing Service [DsSvc]
<http://batcmd.com/windows/10/services/dssvc/>
 %WinDir%\SYSTEM32\Dssvc.dll
 Device Association Service [DeviceAssociationService]
 Device Install Service [DeviceInstall]
 Device Management Enrollment Service [DmEnrollmentSvc]
<http://batcmd.com/windows/10/services/dmenrollmentsvc/>
 %WinDir%\SYSTEM32\Windows.Internal.Management.dll
 Device Management Wireless Application Protocol (WAP) Push message Routing
 Service [dmwappushservice]
<http://batcmd.com/windows/10/services/dmwappushservice/>
 %WinDir%\SYSTEM32\dmwappushsvc.dll
 Device Setup Manager [DsmSvc]
 DeviceAssociationBroker [DeviceAssociationBrokerSvc]
<http://batcmd.com/windows/10/services/deviceassociationbrokersvc/>
 %WinDir%\SYSTEM32\deviceaccess.dll
 DeviceAssociationBroker_?????? [DeviceAssociationBrokerSvc_??????]
<http://batcmd.com/windows/10/services/deviceassociationbrokersvc/>
 %WinDir%\SYSTEM32\deviceaccess.dll
 DevicesFlow [DevicesFlowUserSvc]
 DevicesFlow_?????? [DevicesFlowUserSvc_??????]
 DevQuery Background Discovery Broker [DevQueryBroker]
 Embedded Mode [embeddedmode]
 Extensible Authentication Protocol [Eaphost]
 Intel Bluetooth Service [ibtsiva]
 MessagingService [MessagingService]
 MessagingService_?????? [MessagingService_??????]
 Natural Authentication [NaturalAuthentication]
 Network Connected Devices Auto-Setup [NcdAutoSetup]
 Network List Service [netprofm]
 Network Location Awareness [NlaSvc]
 Network Setup Service [NetSetupSvc]
 Network Store Interface Service [nsi]
 OpenSSH Authentication Agent [ssh-agent]
 Portable Device Enumerator Service [WPDBusEnum]
 Radio Management Service [RmSvc]
 Sensor Data Service [SensorDataService]
 Sensor Monitoring Service [SensrSvc]
 Sensor Service [SensorService]
 SNMP (Simple Network Management Protocol) Trap [SNMPTRAP]
<http://batcmd.com/windows/10/services/snmptrap/>
<http://www.manageengine.com/vulnerability-management/misconfiguration/legacy-protocols/how-to-disable-snmp.html>
http://en.wikipedia.org/wiki/Simple_Network_Management_Protocol
 %WinDir%\SYSTEM32\snmptrap.exe
 Wi-Fi Direct Services Connection Manager Service [WFDSConMgrSvc]
 Windows Connect Now - Config Registrar [wcnscvc]
 Windows Encryption Provider Host Service [WEPHOSTSVC]
 Windows Management Service [WManSvc]
<http://batcmd.com/windows/10/services/wmansvc/>
 %WinDir%\SYSTEM32\Windows.Management.Service.dll
 Windows Mobile Hotspot Service [icssvc]
 WWAN AutoConfig [wwanSvc]

* Here is the list of running (+ enabled: Automatic or Manual) services on my
 tweaked Windows 10 gaming laptop (used only as
 example):

<http://www.mdgx.com/pc.htm#LAP>
that in my opinion are essential, necessary, useful, unavoidable, indispensable, depend on other/interconnected/interdependent/interrelated services + drivers, +/- on which other/interconnected/interdependent/interrelated services + drivers depend on, +/- cater to the (combination of) custom/specific choices/features/functions/needs/options/preferences/settings and devices/hardware/software/services/drivers I use, and obtained by running command below from a DOS console (command prompt) -> right-click CMD shortcut/CMD.EXE -> Run as Administrator -> run this command -> press Enter:
NET.EXE START>SVC_STARTED.TXT
Application Management [AppMgmt]
Background Tasks Infrastructure Service [BrokerInfrastructure]
Base Filtering Engine [BFE]
COM+ Event System [EventSystem]
CoreMessaging [CoreMessagingRegistrar]
Cryptographic Services [CryptSvc]
DCOM Server Process Launcher [DcomLaunch]
DHCP Client [Dhcp]
Diagnostic Policy Service [DPS]
Diagnostic Service Host [WdiServiceHost]
Diagnostic System Host [WdiSystemHost]
Human Interface Device Service [hidserv]
Local Session Manager [LSM]
Network Connections [Netman]
Network List Service [netprofm]
Network Location Awareness [NlaSvc]
Network Store Interface Service [nsi]
NVIDIA Display Container LS [NVDisplay.ContainerLocalSystem]
Plug and Play [PlugPlay]
Power [Power]
Program Compatibility Assistant Service [PcaSvc]
Radio Management Service [RmSvc]
Realtek Audio Universal Service [RtkAudioUniversalService]
Remote Procedure Call (RPC) [RpcSs]
RPC Endpoint Mapper [RpcEptMapper]
Secondary Logon [seclogon]
<http://batcmd.com/windows/10/services/seclogon/>
Shell Hardware Detection [ShellHWDetection]
Software Protection [sppsvc]
State Repository Service [StateRepository] = ALWAYS ON -> (re)starts even if DISABLED !
<http://batcmd.com/windows/10/services/staterepository/>
%WinDir%\SYSTEM32\windows.staterepository.dll
Storage Service [StorSvc]
SysMain [SysMain]
System Event Notification Service [SENS]
System Events Broker [SystemEventsBroker]
System Guard Runtime Monitor Broker [SgrmBroker]
Themes [Themes]
Time Broker [TimeBrokerSvc]
User Manager [UserManager]
User Profile Service [ProfSvc]
Web Account Manager [TokenBroker]
<http://batcmd.com/windows/10/services/tokenbroker/>
%WinDir%\SYSTEM32\TokenBroker.dll
Windows Audio [Audiosrv]
Windows Audio Endpoint Builder [AudioEndpointBuilder]
Windows Connection Manager [Wcmsvc]
Windows Defender Firewall [mpssvc]
Windows Event Log [EventLog]
Windows Font Cache Service [FontCache]

Windows Image Acquisition (WIA) [stisvc]
Windows Management Instrumentation [Winmgmt]
See also MDGx "Tweaked Windows 10/11 Services + Drivers" [Experimental!] in
SERVCS10.TXT (included):
<http://www.mdgx.com/servcs10.php>
<http://www.mdgx.com/SERVCS10.TXT>

Windows Settings (WS) + Control Panel (CP) Shortcuts

* Create Windows 10/11 Windows Settings (WS) a.k.a. Immersive Control Panel (ICP) a.k.a. native Control Panel + Live/Metro/Screen/Start/Tile (Store) UWP (Universal Windows Platform) apps/programs/games/tools command(s) item(s)/shortcut(s) (.lnk, .url, .web, etc):
Desktop (empty spot) -> right-click -> New -> Shortcut -> cut & paste respective "ms-settings:xxxx" text string listed below
[not all are available, and some may differ depending on installed Windows OS build/edition/release/update/version, patches + update(s), installed add-ons, apps, components, drivers, features, games, network/internet connections/devices/interfaces, programs, services, software, tools, and/or custom configuration, options, preferences, settings]:
<http://learn.microsoft.com/windows/uwp/launch-resume/launch-settings-app/>
FYI:
Universal Windows Platform (UWP) apps:
http://en.wikipedia.org/wiki/Universal_Windows_Platform_apps
<http://learn.microsoft.com/windows/uwp/>
http://en.wikipedia.org/wiki/Universal_Windows_Platform
See also my Windows 10/11 Settings Uniform Resource Identifier (URI) commands links/shortcuts listed in WIN10SET.HTM (included):
<http://www.mdgx.com/WIN10SET.HTM>
Similar Windows 10/11 resources:
http://www.majorgeeks.com/content/page/how_to_create_a_shortcut_to_any_windows_settings.html
<http://tenop.com/windows-10-settings-links-launch-list-guide/>
<http://www.winaero.com/blog/ms-settings-commands-in-windows-10/>
<http://www.winaero.com/windows-11-ms-settings-commands-settings-uri-shortcuts/>
<http://4sysops.com/wiki/list-of-ms-settings-uri-commands-to-open-specific-settings-in-windows-10/history/?revision=1558411>
<http://www.tenforums.com/tutorials/78214-settings-pages-list-uri-shortcuts-windows-10-a.html>
<http://www.ss64.com/nt/syntax-settings.html>
<http://woshub.com/ms-settings-uri-commands-windows-11/>
<http://mywindowshub.com/a-complete-list-of-uri-commands-in-windows-11/>
<http://pureinfotech.com/windows-11-mssettings-uri-commands/>
http://shortcutworld.com/Windows/win/Windows-Run-Commands_-Settings_-and-Start-Menu-Shortcuts
<http://www.benecke.cloud/windows-10-modify-settings-page/>
<http://appuals.com/customize-settings-page-visibility-in-windows-10/>
<http://www.elevenforum.com/t/list-of-uri-commands-to-open-microsoft-store-apps-in-windows-11.2683/>
<http://www.msftnext.com/ms-settings-commands-in-windows-11-the-full-list-of-uri-shortcuts/>
[http://en.wikipedia.org/wiki/Settings_\(Windows\)](http://en.wikipedia.org/wiki/Settings_(Windows))
To access any of these Uniform Resource Identifier (URI) links/shortcuts: make sure you are logged in with Administrator/Sysadmin/SYSTEM access + privileges -> Run... [hold WinKey + press R] -> type this command:

ms-settings:

-> press Enter.

OR this command:

EXPLORER.EXE ms-settings:

-> press Enter.

See also "Control Panel (CP) + Omnipotent/Master/Mega/'god mode' (OMg) Control Panel" chapter in WINDOWS7.TXT (included):

<http://www.mdgx.com/7.php>

<http://www.mdgx.com/WINDOWS7.TXT>

List of Windows 10/11 Settings URI (Uniform Resource Identifier) commands shortcuts:

* Main window:

Windows Settings (front page) = ms-settings:

* Accounts:

Access Work/School = ms-settings:workplace

E-mail + App Accounts = ms-settings:emailandaccounts

Family + Other People = ms-settings:otherusers

Set up Kiosk = ms-settings:assignedaccess

Sign-in options = ms-settings:signinoptions | ms-settings:signinoptions-dynamiclock

Sync Your Settings = ms-settings:sync

Windows Hello setup = ms-settings:signinoptions-launchfaceenrollment | ms-settings:signinoptions-launchfingerprintenrollment

Your Info = ms-settings:yourinfo

Provisioning = ms-settings:workplace-provisioning

Provisioning = ms-settings:provisioning

Windows Anywhere = ms-settings:windowsanywhere

* Apps:

Apps + Features = ms-settings:appsfeatures

App Features = ms-settings:appsfeatures-app (reset, manage add-ons, downloadable content)

Apps for Websites = ms-settings:appsforwebsites

Default Apps = ms-settings:defaultapps

Manage Optional Features = ms-settings:optionalfeatures

Offline Maps = ms-settings:maps | ms-settings:maps-downloadmaps

Startup Apps = ms-settings:startupapps

Video Playback = ms-settings:videoplayback

* Devices:

Audio + Speech = ms-settings:holographic-audio

AutoPlay = ms-settings:autoplay

Bluetooth = ms-settings:bluetooth

Connected Devices = ms-settings:connecteddevices

Mouse + Touchpad = ms-settings:mousetouchpad

Pen + Ink = ms-settings:pen

Printers + Scanners = ms-settings:printers

Touchpad = ms-settings:devices-touchpad

Typing = ms-settings:typing

USB = ms-settings:usb

Wheel = ms-settings:wheel (available if Dial paired)

Mobile Device/Phone = ms-settings:mobile-devices

* Ease of Access:

Audio = ms-settings:easeofaccess-audio

Closed Captions = ms-settings:easeofaccess-closedcaptioning

Color Filters = ms-settings:easeofaccess-colorfilter

Cursor + Pointer Size = ms-settings:easeofaccess-cursorandpointersize

Display = ms-settings:easeofaccess-display

Eye Control = ms-settings:easeofaccess-eyecontrol

Fonts = ms-settings:fonts

High Contrast = ms-settings:easeofaccess-highcontrast

Holographic headset = ms-settings:holographic-headset
Keyboard = ms-settings:easeofaccess-keyboard
Magnifier = ms-settings:easeofaccess-magnifier
Mouse = ms-settings:easeofaccess-mouse
Mouse Pointer = ms-settings:easeofaccess-mousepointer
Narrator = ms-settings:easeofaccess-narrator
Speech = ms-settings:easeofaccess-speechrecognition

* Extras:

Extras = ms-settings:extras (available if extra/other MS/3rd party apps installed)

* Gaming:

Broadcasting = ms-settings:gaming-broadcasting
Game bar = ms-settings:gaming-gamebar
Game DVR = ms-settings:gaming-gamedvr
Game Mode = ms-settings:gaming-gamemode
Play Game Full Screen = ms-settings:quietmomentsgame [available if compatible game(s) installed]
TruePlay = ms-settings:gaming-trueplay (available if TruePlay enabled)
Xbox Networking = ms-settings:gaming-xboxnetworking

* Network + Internet:

Airplane mode = ms-settings:network-airplanemode | ms-settings:proximity
Cellular + SIM = ms-settings:network-cellular
Data Usage = ms-settings:datausage (available if using metered internet connection/network)
Dial-up = ms-settings:network-dialup
DirectAccess = ms-settings:network-directaccess (available if DirectAccess enabled)
Ethernet = ms-settings:network-ethernet
Manage Known Networks = ms-settings:network-wifisettings
Mobile Hotspot = ms-settings:network-mobilehotspot
NFC = ms-settings:nfctransactions
Proxy = ms-settings:network-proxy
Status = ms-settings:network-status | ms-settings:network
VPN = ms-settings:network-vpn
Wi-Fi = ms-settings:network-wifi (available if device has Wi-Fi adapter)
Wi-Fi Calling = ms-settings:network-wificalling (available if Wi-Fi calling enabled)

* Personalization:

Background = ms-settings:personalization-background
Choose which folders appear on Start = ms-settings:personalization-start-places
Colors = ms-settings:personalization-colors | ms-settings:colors
Lock Screen = ms-settings:lockscreen
Personalization (category) = ms-settings:personalization
Start = ms-settings:personalization-start
Taskbar = ms-settings:taskbar
Themes = ms-settings:themes

* Privacy:

Account Info = ms-settings:privacy-accountinfo
Activity History = ms-settings:privacy-activityhistory
App Diagnostics = ms-settings:privacy-appdiagnostics
Automatic File Downloads = ms-settings:privacy-automaticfiledownloads
Background Apps = ms-settings:privacy-backgroundapps
Calendar = ms-settings:privacy-calendar
Call History = ms-settings:privacy-callhistory
Camera = ms-settings:privacy-webcam
Contacts = ms-settings:privacy-contacts
Documents = ms-settings:privacy-documents
E-mail = ms-settings:privacy-email
Eye Tracker = ms-settings:privacy-eyetracker

Feedback + Diagnostics = ms-settings:privacy-feedback
File System = ms-settings:privacy-broadfilesystemaccess
General = ms-settings:privacy-general
Location = ms-settings:privacy-location
Messaging = ms-settings:privacy-messaging
Microphone = ms-settings:privacy-microphone
Motion = ms-settings:privacy-motion
Notifications = ms-settings:privacy-notifications
Other Devices = ms-settings:privacy-customdevices
Pictures = ms-settings:privacy-pictures
Radios = ms-settings:privacy-radios
Speech, Inking + Typing = ms-settings:privacy-speechtyping
Tasks = ms-settings:privacy-tasks
Videos = ms-settings:privacy-videos

* System:

About = ms-settings:about
Advanced display settings = ms-settings:display-advanced
Battery Saver = ms-settings:batterysaver
Battery Saver settings = ms-settings:batterysaver-settings
Battery Use = ms-settings:batterysaver-usagedetails
Clipboard = ms-settings:clipboard
Display = ms-settings:display
Default Save Locations = ms-settings:savelocations
Display = ms-settings:screenrotation
Duplicating My Display = ms-settings:quietmomentspresentation
During these Hours = ms-settings:quietmomentsscheduled
Encryption = ms-settings:deviceencryption
Focus Assist = ms-settings:quiethours | ms-settings:quietmomentshome
Graphics settings = ms-settings:display-advancedgraphics
Messaging = ms-settings:messaging
Multitasking = ms-settings:multitasking
Night Light settings = ms-settings:nightlight
Mobile Device/Phone = ms-settings:phone-defaultapps
Projecting to This PC = ms-settings:project
Shared Experiences = ms-settings:crossdevice
Tablet mode = ms-settings:tabletmode
Taskbar = ms-settings:taskbar
Notifications + Actions = ms-settings:notifications
Remote Desktop = ms-settings:remotedesktop
Power + Sleep = ms-settings:powersleep
Sounds = ms-settings:sounds
App Volume + Device preferences = ms-settings:apps-volume
Storage = ms-settings:storagesense
Storage Sense = ms-settings:storagepolicies

* Time + Language:

Date + Time = ms-settings:dateandtime
Japan IME settings = ms-settings:regionlanguage-jpnime
Language = ms-settings:keyboard
Pinyin IME settings = ms-settings:regionlanguage-chsime-pinyin
Speech = ms-settings:speech
Wubi IME settings = ms-settings:regionlanguage-chsime-wubi (available if MS Wubi input editor installed)

* Update + Security:

Activation = ms-settings:activation
Backup = ms-settings:backup
Delivery Optimization = ms-settings:delivery-optimization
Find My Device = ms-settings:findmydevice
For Developers = ms-settings:developers
Recovery = ms-settings:recovery
Troubleshoot = ms-settings:troubleshoot
Windows Security = ms-settings:windowsdefender

Windows Insider Program = ms-settings:windowsinsider | ms-
settings:windowsinsider-optin
Windows Update = ms-settings:windowsupdate
Check for Updates = ms-settings:windowsupdate-action
Windows Update Advanced options = ms-settings:windowsupdate-options
Windows Update Restart options = ms-settings:windowsupdate-restartoptions
Windows Update View update history = ms-settings:windowsupdate-history

Tweaks, Hacks + Fixes... UNconventional, UNdocumented, UNCensored ;-/

* Windows 10/11 Tweaks + Fixes web sites:

<http://www.thewindowsclub.com/category/windows/>
<http://www.winaero.com/category/windows-11/>
<http://www.winaero.com/windows-11-tutorials/>
<http://www.winaero.com/category/windows-10/>
<http://www.winaero.com/>
<http://www.howtogeek.com/>
<http://www.wintips.org/>
<http://www.tweaks.com/windows-11/>
<http://www.tweaks.com/windows-10/>
<http://www.tweakhound.com/tag/this-site+windows-10/>
<http://www.tweakhound.com/2021/05/19/tweaking-windows-10-version-21h1/>
<http://pureinfotech.com/tag/how-to/>
<http://pureinfotech.com/tag/windows-11/>
<http://pureinfotech.com/tag/windows-10/>
<http://www.boredgamer.co.uk/2018/03/20/windows-10-ultimate-gaming-tweak-guide/>
<http://www.minitool.com/backup-tips/optimize-windows-10-for-gaming.html>
<http://sourcedaddy.com/windows-10/>
<http://www.techspot.com/>
<http://www.smallvoid.com/>
<http://www.intowindows.com/?s=windows+11>
<http://www.intowindows.com/?s=windows+10>
<http://www.askvg.com/category/windows-11/>
<http://www.askvg.com/category/windows-10/>
<http://www.ghacks.net/category/windows/>
<http://www.elevenforum.com/tutorials/>
<http://www.tenforums.com/tutorials/>
<http://www.elevenforum.com/>
<http://www.winhelponline.com/>
<http://www.laptopmag.com/articles/how-to-use-windows-10/>
<http://www.softwareok.com/?page=Windows/11/Quick-Tip>
<http://www.softwareok.com/?page=Windows/10/Quick-Tip>

* FIX: Turn OFF/disable/repair/restore Windows 11 annoyances, errors, problems, worst features + improve performance + reliability:

<http://www.tomshardware.com/how-to/worst-windows-11-features-fix-them/>
<http://www.makeuseof.com/common-windows-11-problems/>
<http://www.elevenforum.com/t/windows-11-tweaks-leader-board.1842/>
<http://www.guidingtech.com/fix-low-volume-on-windows-11/>
<http://www.theverge.com/22715331/how-to-regedit/>
<http://beebom.com/how-speed-up-windows-11/>
<http://windowsreport.com/how-to-make-windows-11-faster/>
<http://www.itpro.co.uk/operating-systems/microsoft-windows/361485/how-to-speed-up-windows-11/>
<http://www.askvg.com/how-to-bypass-this-pc-cant-run-windows-11-error-and-disable-hardware-check-on-unsupported-devices/>

* FIX: Turn OFF/bypass/disable Windows 10 build 22H2/newer + Windows 11 Home/Pro

'Let's connect you to a Network' mandatory pre-install dialog window prompt which wants you [withOUT presenting ANY other alternatives/options!] to open a new (or log into/sign in with an existing, if any) Microsoft internet/online/remote e-mail, enrollment, membership, service, subscription account in order to successfully complete the installation/setup process:

<http://4sysops.com/archives/install-windows-10-11-22h2-without-microsoft-account/>

<http://www.askvg.com/tip-how-to-complete-windows-11-setup-without-internet-connection/>

<http://www.elevenforum.com/t/microsoft-blocks-all-options-to-bypass-ms-account-on-new-installs.19342/>

<http://www.howtogeek.com/836157/how-to-use-windows-11-with-a-local-account/>

<http://www.winaero.com/how-to-install-windows-11-with-local-account/>

<http://arstechnica.com/gadgets/2024/02/what-i-do-to-clean-up-a-clean-install-of-windows-11-23h2-and-edge/>

<http://www.tomshardware.com/how-to/install-windows-11-without-microsoft-account/>

<http://www.laptopmag.com/laptops/windows-laptops/how-to-install-windows-11-without-a-microsoft-account/>

SOLUTIONS:

Method #1:

1. 1st things 1st: make sure you disconnect your computer/device/laptop/portable from the internet/network by unplugging the cable(s) [if using Ethernet, a (hybrid) network, (W)LAN, (W)MAN, (W)PAN, (W)WAN, etc], and also make sure to unplug/turn off your cable box, modem, modem/router combo, router and/or satellite box (especially if using any kind of wireless/Wi-Fi connection).

That's because in case Windows 10/11 setup detects any kind of internet/network connection it will insist on trying to force you to log on/sign in (if you already have a Microsoft account), or to prompt you to create a new Microsoft account (if you don't have one).

2. During Windows 10/11 setup when you see the 'Let's connect you to a Network' forced/inescapable/mandatory dialog window prompt:

press + hold Shift + F10 -> DOS console command prompt window [%WinDir%\SYSTEM32\CMD.EXE] will appear -> type this command [case insensitive]

%SystemRoot%\SYSTEM32\OOBE\BypassNRO.cmd

-> press Enter -> your computer/device/laptop/portable will restart automatically -> upon next reboot when prompted again to

connect to a network -> click "I don't have internet" button/link -> click

"Continue with limited setup" button/link -> in

the "Who's going to use this device?" dialog window type your name/nickname/handle/moniker/etc under the "Enter your name"

prompt -> click Next button/link -> etc... -> complete the installation/setup process.

This allows using [same as before in case you have already installed and/or used any other previous Windows OS

build(s)/edition(s)/release(s)/version(s)] your preferred local/owner/personal user account other than the

internet/network/online account name forced down your throat by Microsoft, which by design exposes your

computer(s)/device(s) behind your back, unauthorized, without your

knowledge/permission to dangerous, deceptive, unsafe,

unwanted advertisement(s)/adware, auditing, fingerprinting, intrusions,

invasions of privacy, "offers", promo(tion)s,

spoofing, surveillance, spying, tracking.

BypassNRO.cmd plain text CoMmanD (.cmd) script file is located in the %WinDir%\SYSTEM32\OOBE directory/folder [%WinDir% =

usually C:\WINDOWS].

3. In case procedure above does NOT work: press + hold Shift + F10 -> DOS

console command prompt window

[%WinDir%\SYSTEM32\CMD.EXE] will appear -> type this command [case insensitive]
taskmgr

-> press Enter -> click "More details" button -> find + highlight/select

"Network Connection Flow" process -> right-click on

it -> click "End task" button -> click "I don't have internet" button/link ->

click "Continue with limited setup"

button/link -> in the "Who's going to use this device?" dialog window type your
name/nickname/handle/moniker/etc under the

"Enter your name" prompt -> click Next button/link -> etc... -> complete the
installation/setup process.

4. Alternatively (in case the above does NOT work): press + hold Shift + F10 ->
DOS console command prompt window

[%WinDir%\SYSTEM32\CMD.EXE] will appear -> type this command [case insensitive]
taskkill /F /IM oobenetworkconnectionflow.exe

-> press Enter -> etc... -> complete the installation/setup process.

TaskKill.exe + TaskMgr.exe executables (.exe) are both located in the %WinDir%\
SYSTEM32 directory/folder [%WinDir% = usually
C:\WINDOWS].

OoBENetworkConnectionFlow.exe executable (.exe) is located in 1 of these
directories/folders, depending on your Windows

10/11 build/edition/release/update/version:

- %WinDir%\SYSTEM32\OOBE [%WinDir% = usually C:\WINDOWS];

- "%ProgramFiles%\Microsoft\Windows 10(11) ???(-?)" [???(-?) =
build/edition/release/update/version number]

[%ProgramFiles% = usually "C:\Program Files"];

- %WinDir%\SystemApps\Microsoft.Windows.OoBENetworkConnectionFlow_?????????????
[???????????????? =

build/edition/release/update/version number] [%WinDir% = usually C:\WINDOWS].

View all directories/folders listed in your system PATH from a DOS console
command prompt [%WinDir%\SYSTEM32\CMD.EXE]:

right-click CMD shortcut/CMD.EXE -> Run as Administrator -> type this command
PATH

-> press Enter.

OR

Save it to a plain text/ASCII (.txt) file: from a DOS console command prompt

[%WinDir%\SYSTEM32\CMD.EXE]: right-click CMD

shortcut/CMD.EXE -> Run as Administrator -> type same command above followed by
the name of the file (in this example it

will be saved in C:\ root)

PATH>C:\Windows_PATH_Directories.txt

-> press Enter -> use Notepad/similar/better free(ware) plain text/ASCII
editor/viewer

<http://www.mdgx.com/toy.htm#TXT>

to view saved text file contents.

Method #2:

Make this system change permanent, just in case you may ever need it again in
the future:

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer

<http://www.mdgx.com/toy.htm#TXT>

to create a plain text BATch (.bat) or CoMmanD (.cmd) script file containing the
lines between Cut & Paste delimiters below

-> save it as plain text/ASCII file (Encode: -> ANSI) with the BAT (.bat) or CMD
(.cmd) extension -> right-click it ->

Run as Administrator -> wait for completion.

-----Begin cut & paste here-----

@ECHO OFF

REG.EXE ADD "HKLM\SOFTWARE\Microsoft\Windows\CurrentVersion\OOBE" /v

BypassNRO /t REG_DWORD /d 1 /f

shutdown.exe /r /t 0

-----End cut & paste here-----

This will also restart Windows so the change will take effect, and you can continue with the installation/setup process.

REG.EXE + ShutDown.exe executables (.exe) are both located in the %WinDir%\SYSTEM32 directory/folder [%WinDir% = usually C:\WINDOWS].

View all directories/folders listed in your system PATH from a DOS console command prompt [%WinDir%\SYSTEM32\CMD.EXE]:

right-click CMD shortcut/CMD.EXE -> Run as Administrator -> type this command
PATH

-> press Enter.

OR

Save it to a plain text/ASCII (.txt) file: from a DOS console command prompt [%WinDir%\SYSTEM32\CMD.EXE]: right-click CMD

shortcut/CMD.EXE -> Run as Administrator -> type same command above followed by the name of the file (in this example it will be saved in C:\ root)

PATH>C:\Windows_PATH_Directories.txt

-> press Enter -> use Notepad/similar/better free(ware) plain text/ASCII editor/viewer

<http://www.mdgx.com/toy.htm#TXT>

to view saved text file contents.

Method #3:

Follow the step-by-step guidelines detailed in the "Using an answer file to install Windows 11 without a Microsoft Account" section of this WinAero web page:

http://www.winaero.com/how-to-install-windows-11-with-local-account/#Using_an_answer_file_to_install_Windows_11_without_a_Microsoft_Account

in order to create, edit/modify or download,

<http://www.winaero.com/blog/wp-content/uploads/2021/06/autounattend.zip>

and use this already customized "autounattend.xml" text file with your Windows 10/11 installation/setup process.

FYI:

File above is customized "out of the box" for Windows 11 installations with United States English (en-US) language pre-selected as preferred locale.

In case you have a different Windows OS build/edition/release/update/version and/or need/prefer a different language you

must edit autounattend.xml file above using Notepad [%WinDir%\notepad.exe]: right-click Notepad(.exe) located in the

%WinDir% directory/folder [%WinDir% = usually C:\WINDOWS] -> select Run as Administrator -> File -> Open... -> browse or

search for the location of autounattend.xml -> Open -> add/modify any options/parameters necessary to match your

needs/requirements + preferences -> File -> Save [press Ctrl + hold S] -> exit/close Notepad.

Microsoft Windows supported languages:

<http://learn.microsoft.com/windows/win32/intl/national-language-support/>

More info:

<http://www.science.co.il/language/Locale-codes.php>

http://en.wikipedia.org/wiki/Internationalization_and_localization

After that you may need to copy [right-click autounattend.xml -> Copy] your customized autounattend.xml file to the same

directory/folder [right-click respective directory/folder name -> Paste] where Windows Setup EXEcutible [setup(.exe)] is

located, for example the root or the main directory/folder of the Windows 10/11 installation disk/drive/partition/volume.

Method #4:

Use Rufus (Portable) [free(ware)]

<http://rufus.ie/downloads/>

to create a bootable USB drive/media [make sure capacity is at least 8 GB!] containing your Windows 10 22H2/newer or Windows

11 Home/Pro ISO image installation Setup [see "Using the Rufus tool" section for details]
<http://arstechnica.com/gadgets/2024/02/what-i-do-to-clean-up-a-clean-install-of-windows-11-23h2-and-edge/>
-> leave your bootable USB drive/media [the 1 containing Windows 10/11 ISO image] plugged in into the fastest USB port available -> reboot -> enter BIOS Setup [key(s) shortcut combo to access BIOS settings differ depending on your computer/device/laptop/motherboard/portable brand + model -> see their respective support web site for details] -> configure USB as your primary boot drive -> save newly changed BIOS configuration/settings, exit BIOS + reboot -> proceed with your Windows 10/11 installation.
Rufus (Portable) 32-bit + 64-bit formats + creates bootable USB drive/media from bootable ISO image:
<http://rufus.ie/>
Rufus Portable:
<http://rufus.ie/downloads/>
Rufus repository:
<http://github.com/pbatard/rufus/>
Download [Portable EXE]:
<http://github.com/pbatard/rufus/releases/latest/>
Choices... choices...
A. In case you have acquired/purchased/etc your computer/device/laptop/portable with Windows 7/8/8.1/10/11 built-in/pre-installed/pre-loaded you can download [for free] provided/supported Windows 10/11 ISO image installation Setup from the manufacturer/OEM/retailer/service/vendor downloads/service/support web site or from Microsoft.
<http://tb.rg-adguard.net/>
Guide:
<http://superuser.com/questions/1108085/>
B. In case you wish to install Windows 10/11 new from scratch or as upgrade from an older Windows build/edition/release/version you can download [for free] desired Windows 10/11 ISO image [installation Setup] from Microsoft.
- Windows 10:
<http://www.microsoft.com/en-us/software-download/windows10/>
Guide:
<http://www.howtogeek.com/427223/how-to-download-a-windows-10-iso-without-the-media-creation-tool/>
http://answers.microsoft.com/en-us/windows/forum/windows_10-windows_install-winpc/how-to-download-official-windows-10-iso-files/35cde7ec-5b6f-481c-a02d-dadf465df326
<http://www.isumsoft.com/windows-10/how-to-download-windows-10-iso-from-microsoft.html>
- Windows 11:
<http://www.microsoft.com/software-download/windows11/>
Guide:
<http://techcommunity.microsoft.com/t5/windows-11/how-to-download-windows-11-iso/m-p/3062471/>

* Disable/Uninstall +/- reenoble/reinstall
built-in/preinstalled/provisioned/hidden/uninstallable built-in/store Windows 10 UWP (Universal Windows Platform)/modern/native/tile apps:
<http://learn.microsoft.com/windows/application-management/remove-provisioned-apps-during-update/>
<http://learn.microsoft.com/windows/application-management/remove-provisioned-apps-during-update/#registry-keys-for-provisioned-apps>
<http://4sysops.com/archives/remove-provisioned-built-in-apps-in-windows-10/>
<http://www.howtogeek.com/224798/how-to-uninstall-windows-10s-built-in-apps-and-how-to-reinstall-them/>
<http://www.askvg.com/guide-how-to-remove-all-built-in-apps-in-windows-10/>

<http://www.tenforums.com/tutorials/4689-uninstall-apps-windows-10-a.html#option3>
<http://www.laptopmag.com/articles/uninstall-restore-windows-10-builtin-apps/>
http://www.majorgeeks.com/content/page/remove_windows_10_apps_using_powershell.html
<http://www.makeuseof.com/tag/easily-remove-bloatware-windows-10/>
<http://appuals.com/how-to-remove-bloatware-on-windows-10/>
<http://appuals.com/how-to-uninstall-programs-on-windows-10-that-wont-uninstall/>
<http://mbplace.net/hacks.html>
<http://github.com/adolfinintel/Windows10-Privacy/>
Use 1 of these tools [free(ware)]:
- O&O AppBuster uninstalls/reinstalls preinstalled/built-in/hidden Windows 10 Store Apps:
<http://www.oo-software.com/en/ooappbuster/>
File:
<http://dl5.oo-software.com/files/ooappbuster/OOAPB.exe>
- 10AppsManager uninstalls/reinstalls preinstalled/built-in/hidden Windows 10 Store Apps:
<http://www.thewindowsclub.com/10appsmanager-windows-10/>
File:
<http://www.thewindowsclub.com/downloads/10amw10.zip>
- Windows10Debloater using PowerShell script files (.ps1):
<http://github.com/Syncex/Windows10Debloater/>
Files [right-click each 1 -> Save as...]:
<http://raw.githubusercontent.com/Syncex/Windows10Debloater/master/Windows10Debloater.ps1>
<http://raw.githubusercontent.com/Syncex/Windows10Debloater/master/Windows10DebloaterGUI.ps1>
Right-click PowerShell shortcut or C:\WINDOWS\SYSTEM32\WindowsPowerShell\v1.0\PowerShell.exe [default location in Windows 10/11] -> Run as Administrator -> run one of these commands [using default Downloads directory/folder] -> press Enter:
%UserProfile%\Downloads\Windows10DebloaterGUI.ps1
[and click desired selection boxes] or:
%UserProfile%\Downloads\Windows10Debloater.ps1
- Windows 10 Decrapifier + Optimization for 18xx/19xx/2xxx:
<http://community.spiceworks.com/scripts/show/4378-windows-10-decrapifier-18xx-19xx-2xxx/>
File:
http://gist.github.com/BenNottelling/9c43d168e8344ac7c971c701c5f5e455#file-w10onarm_setup_batch-bat
Optimize Windows 10/11 Services for increased performance:
<http://discourse.pi64.win/t/optimizing-windows-10-services-for-increased-performance/>
Follow this comprehensive guide:
<http://github.com/adolfinintel/Windows10-Privacy/>
Example:
Uninstall Game DVR + Xbox apps: right-click PowerShell shortcut or C:\WINDOWS\SYSTEM32\WindowsPowerShell\v1.0\PowerShell.exe [default location in Windows 10/11] -> Run as Administrator -> run this command -> press Enter:
Get-AppxPackage -AllUsers *xbox* | Remove-AppxPackage
TIP:
Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer
<http://www.mdgx.com/toy.htm#TXT>
to create a plain text Registry file containing the lines between Cut & Paste delimiters below -> save it as plain text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click it -> Run as Administrator -> answer Yes/OK
to all prompts to register/merge/import its information into your registry.
-----Begin cut & paste here-----
REGEDIT4
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Appx\AppxAllUserStore\Deprovisioned\Microsoft.BingWeather_8wekyb3d8bbwe]
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Appx\


```
AppxAllUserStore\Deprovisioned\Microsoft.3DBuilder_8wekyb3d8bbwe]
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Appx\
AppxAllUserStore\Deprovisioned\Microsoft.HEVCVideoExtension_8wekyb3d8bbwe]
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Appx\
AppxAllUserStore\Deprovisioned\Microsoft.Messaging_8wekyb3d8bbwe]
;
```

-----End cut & paste here-----

Uninstall/Remove Quick Assist app:

<http://walkersam.blogspot.com/2017/10/how-to-uninstall-quick-assist-within.html>

<http://github.com/adolfintel/Windows10-Privacy/issues/37/>

Right-click PowerShell shortcut or C:\WINDOWS\SYSTEM32\WindowsPowerShell\v1.0\PowerShell.exe [default location in Windows

10/11] -> Run as Administrator -> run this command -> press Enter:

```
PowerShell.exe -ExecutionPolicy Unrestricted
```

Then from within the PowerShell console run this command -> press Enter:

```
Remove-WindowsCapability -online -name App.Support.QuickAssist~~~~0.0.1.0
```

OR this command -> press Enter:

```
Get-WindowsPackage -Online | Where PackageName -like *QuickAssist* | Remove-WindowsPackage -Online -NoRestart
```

Uninstall/Remove Microsoft Hello Face + Hello for Business apps:

<http://dirteam.com/sander/2020/07/02/howto-delete-your-windows-hello-for-business-registration/>

<http://github.com/adolfintel/Windows10-Privacy/issues/37/>

Right-click CMD shortcut/CMD.EXE -> Run as Administrator -> run this command -> press Enter:

```
certutil.exe -DeleteHelloContainer
```

Right-click PowerShell shortcut or C:\WINDOWS\SYSTEM32\WindowsPowerShell\v1.0\PowerShell.exe [default location in Windows

10/11] -> Run as Administrator -> run this command -> press Enter:

```
PowerShell.exe -ExecutionPolicy Unrestricted
```

Then from within the PowerShell console run this command -> press Enter:

```
Get-WindowsPackage -Online | Where PackageName -like *Hello-Face* | Remove-WindowsPackage -Online -NoRestart
```

Uninstall/Remove Contact Support + Feedback (Hub) apps:

<http://www.winaero.com/how-to-uninstall-and-remove-contact-support-in-windows-10/>

http://www.majorgeeks.com/content/page/how_to_uninstall_the_feedback_hub.html

File:

http://www.winaero.com/downloads/Uninstall_Contact_Support.zip

Use an unZIPPING/unARCHiving/unRARing tool [free(ware)]

<http://www.mdgx.com/toy.htm#ZIP>

to open "Uninstall_Contact_Support.zip" archive and extract "Uninstall Contact Support.cmd" + "install_wim_tweak.exe" into a

dedicated/empty directory/folder -> right-click "Uninstall Contact Support.cmd"

-> Run as Administrator -> restart/reboot.

Right-click PowerShell shortcut or C:\WINDOWS\SYSTEM32\WindowsPowerShell\v1.0\PowerShell.exe [default location in Windows

10/11] -> Run as Administrator -> run this command -> press Enter:

```
PowerShell.exe -ExecutionPolicy Unrestricted
```

Then from within the PowerShell console run this command -> press Enter:

```
Get-AppXPackage *feedback* | Remove-AppXPackage
```

* FIX: Install Windows 10/11 *without* the need for a Microsoft account/enrollment/membership/sign-up/subscription, even if their deceptive/misleading instruction guidelines state otherwise:
<http://www.filecatchers.com/setting-up-windows-without-a-microsoft-account/>
<http://windowsreport.com/install-windows-10-without-microsoft-account/>
<http://helpdeskgeek.com/windows-10/how-to-setup-windows-10-without-a-microsoft-account/>

* Turn ON/enable Hardware Accelerated GPU Scheduling in Windows 10/11 in order to improve speed + performance and reduce latency with graphics/processing/rendering intensive app(lication)s, programs, games, tools, web browsers by

offloading/transferring power + time consuming computing tasks from the CPU (Central Processing Unit) onto the GPU (Graphics Processing Unit):

http://www.majorgeeks.com/content/page/hardware_accelerated_gpu_scheduling.html

<http://www.makeuseof.com/windows-10-gpu-hardware-scheduling-worth-turning-on/>

<http://pureinfotech.com/enable-hardware-accelerated-gpu-scheduling-windows-10/>

<http://pureinfotech.com/enable-hardware-accelerated-gpu-scheduling-windows-11/>

Start button/icon/logo/menu/orb -> Windows Settings [gear icon] -> System -> Display -> Graphics (settings) [-> Change

default graphics settings] -> Hardware-accelerated GPU scheduling -> turn ON/slide right -> Restart Windows.

OR Run... [hold WinKey + press R] -> type this command:

EXPLORER.EXE ms-settings:display-advancedgraphics

-> press Enter [-> Change default graphics settings] -> Hardware-accelerated GPU scheduling -> turn ON/slide right ->

Restart Windows.

NOTES:

- Requires capable/compatible/modern/supported GPU/graphics/video card hardware controller.

- It also reduces CPU heat, therefore prolonging its lifespan.

- Modern GPUs are more efficient, faster + more powerful at processing multitasking, multithreading, parallelizable computer program code.

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer

<http://www.mdgx.com/toy.htm#TXT>

to create a plain text Registry file containing the lines between Cut & Paste delimiters below -> save it as plain

text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click it -> Run as Administrator -> answer Yes/OK

to all prompts to register/merge/import its information into your registry.

-----Begin cut & paste here-----

REGEDIT4

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Control\GraphicsDrivers]

"HwSchMode"=dword:2

[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\GraphicsDrivers]

"HwSchMode"=dword:2

[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet002\Control\GraphicsDrivers]

"HwSchMode"=dword:2

;

-----End cut & paste here-----

* Turn ON/enable Prefetch + SuperFetch [SysMain] service + interconnected/interdependent/interrelated Remote Procedure Call (RPC) [RpcSs] service + File Information FS MiniFilter [FileInfo] driver (set them all to Automatic startup) in order to speed up loading of frequently used executables (.exe) in Windows 7/newer:

<http://www.tenforums.com/tutorials/99821-enable-disable-superfetch-windows.html>

<http://www.technipages.com/windows-enable-disable-superfetch/>

<http://www.thewindowsclub.com/disable-superfetch-prefetch-ssd/>

<http://batcmd.com/windows/10/services/fileinfo/>

<http://batcmd.com/windows/10/services/rpcss/>

<http://batcmd.com/windows/10/services/sysmain/>

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer

<http://www.mdgx.com/toy.htm#TXT>

to create a plain text Registry file containing the lines between Cut & Paste delimiters below -> save it as plain

text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click it -> Run as Administrator -> answer Yes/OK

to all prompts to register/merge/import its information into your registry.

-----Begin cut & paste here-----

REGEDIT4

```
[-HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\FileInfo\Security]
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\FileInfo]
"LaunchProtected"=dword:0
"UserServiceFlags"=dword:0
"Start"=dword:2
[-HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\RpcSs\Security]
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\RpcSs]
"LaunchProtected"=dword:0
"UserServiceFlags"=dword:0
"Start"=dword:2
[-HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\SysMain\Security]
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\SysMain]
"LaunchProtected"=dword:0
"UserServiceFlags"=dword:0
"Start"=dword:2
"SvcMemHardLimitInMB"=dword:002dc6c0
"SvcMemMidLimitInMB"=dword:0000012c
"SvcMemSoftLimitInMB"=dword:0000001e
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Control\Session Manager\Memory
Management\PrefetchParameters]
"EnableSuperfetch"=dword:3
"EnablePrefetcher"=dword:3
[-HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Services\FileInfo\Security]
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Services\FileInfo]
"LaunchProtected"=dword:0
"UserServiceFlags"=dword:0
"Start"=dword:2
[-HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Services\RpcSs\Security]
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Services\RpcSs]
"LaunchProtected"=dword:0
"UserServiceFlags"=dword:0
"Start"=dword:2
[-HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Services\SysMain\Security]
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Services\SysMain]
"LaunchProtected"=dword:0
"UserServiceFlags"=dword:0
"Start"=dword:2
"SvcMemHardLimitInMB"=dword:002dc6c0
"SvcMemMidLimitInMB"=dword:0000012c
"SvcMemSoftLimitInMB"=dword:0000001e
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Session Manager\Memory
Management\PrefetchParameters]
"EnableSuperfetch"=dword:3
"EnablePrefetcher"=dword:3
[-HKEY_LOCAL_MACHINE\SYSTEM\ControlSet002\Services\FileInfo\Security]
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet002\Services\FileInfo]
"LaunchProtected"=dword:0
"UserServiceFlags"=dword:0
"Start"=dword:2
[-HKEY_LOCAL_MACHINE\SYSTEM\ControlSet002\Services\RpcSs\Security]
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet002\Services\RpcSs]
"LaunchProtected"=dword:0
"UserServiceFlags"=dword:0
"Start"=dword:2
[-HKEY_LOCAL_MACHINE\SYSTEM\ControlSet002\Services\SysMain\Security]
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet002\Services\SysMain]
"LaunchProtected"=dword:0
"UserServiceFlags"=dword:0
"Start"=dword:2
"SvcMemHardLimitInMB"=dword:002dc6c0
"SvcMemMidLimitInMB"=dword:0000012c
"SvcMemSoftLimitInMB"=dword:0000001e
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet002\Control\Session Manager\Memory
Management\PrefetchParameters]
```

```
"EnableSuperfetch"=dword:3
"EnablePrefetcher"=dword:3
;
-----End cut & paste here-----
```

* Windows 10/11 Custom Installs: Guides + Downloads:

- MS DOCs: Build + deploy Windows 10/11 images:

<http://learn.microsoft.com/windows-hardware/manufacture/desktop/system-builder-deployment/>

- MS DOCs: Add Custom Scripts to Windows Setup:

<http://learn.microsoft.com/windows-hardware/manufacture/desktop/add-a-custom-script-to-windows-setup/>

- MS DOCs: Configuration + Settings:

<http://learn.microsoft.com/windows-hardware/manufacture/desktop/configuration-and-settings/>

- MS DOCs: Microsoft Windows Assessment + Deployment Kit (WADK):

<http://learn.microsoft.com/windows-hardware/get-started/adk-install/>

WADK -> see "Essential Add-ons, Components, Fixes, Updates, Tools + Games [free(ware)]" section further below:

<http://www.mdgx.com/10.php>

<http://www.mdgx.com/WIN10.TXT>

- The IT Bros: Sysprep Windows 10 + 11 Machine Guide:

<http://theitbros.com/sysprep-windows-machine/>

- Win10XPE + Win10PESE packages:

<http://win10se.cwcodes.net/Compressed/>

- Windows 10 Lite (Better Privacy) Setup Helper customization scripts:

<http://sourceforge.net/projects/windows-10-lite/>

http://www.majorgeeks.com/files/details/windows_10_lite.html

- gHacks: Run Windows 10 Setup Scripts after installation to customize the OS:

<http://www.ghacks.net/2020/08/19/run-windows-10-setup-script-after-installation-to-customize-the-os/>

- Sophia Script PowerShell Module for Windows 10/11:

<http://github.com/farag2/Sophia-Script-for-Windows/>

Download:

<http://github.com/farag2/Sophia-Script-for-Windows/releases/latest/>

* Turn OFF/disable Network Location Awareness (NLA) service [NlaSvc] Active Probing + Network Connectivity Status Indicator

(NCSI) Taskbar icon in Windows 8/newer:

<http://support.microsoft.com/help/4494446/>

<http://newsignature.com/articles/network-location-awareness-service-can-ruin-day-fix/>

<http://learn.microsoft.com/windows/win32/winsock/network-location-awareness-service-provider-nla--2/>

These 2 interconnected/interdependent/interrelated services [+ other services they depend on -> see below] provide this

functionality:

- Network Location Awareness [NlaSvc] = Collects and stores configuration

information for the network and notifies programs

when this information is modified. If this service is stopped, configuration information might be unavailable. If this

service is disabled, any services that explicitly depend on it will fail to start.

Dependencies:

<http://batcmd.com/windows/10/services/nlasvc/>

%WinDir%\SYSTEM32\nlasvc.dll

- Network List Service [netprofm] = Identifies the networks to which the computer has connected, collects and stores

properties for these networks, and notifies applications when these properties change.

Dependencies:

<http://batcmd.com/windows/10/services/netprofm/>

%WinDir%\SYSTEM32\netprofmsvc.dll

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer
<http://www.mdgx.com/toy.htm#TXT>
to create a plain text Registry file containing the lines between Cut & Paste
delimiters below -> save it as plain
text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click
it -> Run as Administrator -> answer Yes/OK
to all prompts to register/merge/import its information into your registry.

-----Begin cut & paste here-----

```
REGEDIT4
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\NlaSvc\Parameters\
Internet]
"EnableActiveProbing"=dword:0
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Services\NlaSvc\Parameters\Internet]
"EnableActiveProbing"=dword:0
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet002\Services\NlaSvc\Parameters\Internet]
"EnableActiveProbing"=dword:0
[HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows\
NetworkConnectivityStatusIndicator]
"DisablePassivePolling"=dword:1
"NoActiveProbe"=dword:1
;
```

-----End cut & paste here-----

BUG:

Your active/current/installed internet/network/LAN/WAN/Wi-Fi/wireless connection
might report this false error (NCSI Taskbar
icon):

"No Internet"

even if/when it works properly.

<http://superuser.com/questions/1400187/>

FIX:

In such cases you can (re)enable these 2 registry values:

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer
<http://www.mdgx.com/toy.htm#TXT>
to create a plain text Registry file containing the lines between Cut & Paste
delimiters below -> save it as plain
text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click
it -> Run as Administrator -> answer Yes/OK
to all prompts to register/merge/import its information into your registry.

-----Begin cut & paste here-----

```
REGEDIT4
[HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows\
NetworkConnectivityStatusIndicator]
"DisablePassivePolling"=dword:0
"NoActiveProbe"=dword:0
;
```

-----End cut & paste here-----

Restart/reboot Windows for all changes to take effect.

* Turn ON/repair NTFS (New Technology File System) Long Paths (> 260 characters)
in Windows 10 with installed versions of
Microsoft .NET Framework Redistributable (NFR) OLDER than 4.6.2:

<http://admx.help/?>

Category=Windows_10_2016&Policy=Microsoft.Policies.FileSys::LongPathsEnabled

<http://superuser.com/questions/1119883/>

<http://www.howtogeek.com/266621/how-to-make-windows-10-accept-file-paths-over-260-characters/>

<http://www.winaero.com/blog/how-to-enable-ntfs-long-paths-in-windows-10/>

NFR 4.6.2 + NTFS Long Paths in Windows 10:

<http://blogs.msdn.microsoft.com/jeremykuhne/2016/07/30/net-4-6-2-and-long-paths-on-windows-10/>

RECOMMENDED:

Install NEWest available update/version (if you haven't already) of Microsoft .NET Framework Redistributable (NFR):

<http://www.mdgx.com/add.htm#NFR>

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer

<http://www.mdgx.com/toy.htm#TXT>

to create a plain text Registry file containing the lines between Cut & Paste delimiters below -> save it as plain

text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click it -> Run as Administrator -> answer Yes/OK

to all prompts to register/merge/import its information into your registry.

-----Begin cut & paste here-----

REGEDIT4

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Policies]

"LongPathsEnabled"=dword:1

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Control\FileSystem]

"LongPathsEnabled"=dword:1

[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Policies]

"LongPathsEnabled"=dword:1

[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\FileSystem]

"LongPathsEnabled"=dword:1

[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet002\Policies]

"LongPathsEnabled"=dword:1

[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet002\Control\FileSystem]

"LongPathsEnabled"=dword:1

[HKEY_CURRENT_USER\SOFTWARE\Microsoft\Windows\CurrentVersion\Group Policy Objects\{48981759-12F2-42A6-A048-028B3973495F}Machine\System\CurrentControlSet\Policies]

"LongPathsEnabled"=dword:1

[HKEY_USERS\.DEFAULT\SOFTWARE\Microsoft\Windows\CurrentVersion\Group Policy Objects\{48981759-12F2-42A6-A048-028B3973495F}Machine\System\CurrentControlSet\Policies]

"LongPathsEnabled"=dword:1

;

-----End cut & paste here-----

* Turn ON/repair/restore original Windows 10 style (classic) Taskbar tray [+ Start Menu] in Windows 11:

<http://www.winaero.com/how-to-restore-classic-start-menu-in-windows-11-and-get-back-live-tiles/>

<http://ramensoftware.com/7-taskbar-tweaker-on-windows-11-with-windows-10s-taskbar/>

<http://www.winaero.com/winaero-tweaker-1-20-1-get-back-windows-10-start-menu-and-taskbar-in-windows-11/>

Method 1:

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer

<http://www.mdgx.com/toy.htm#TXT>

to create a plain text Registry file containing the lines between Cut & Paste delimiters below -> save it as plain

text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click it -> Run as Administrator -> answer Yes/OK

to all prompts to register/merge/import its information into your registry.

-----Begin cut & paste here-----

REGEDIT4

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Shell\Update\Packages]

"UndockingDisabled"=dword:1

;

-----End cut & paste here-----

After you register/merge/import .reg file above -> click Start

button/icon/logo/menu/orb -> log off/sign out -> log on/sign

in back into Windows 11 under same user name so the change above can take

effect.

Method 2:

A. Restore Windows 10 Taskbar in Windows 11 by using Winaero Tweaker:
<http://www.winaero.com/winaero-tweaker-1-20-1-get-back-windows-10-start-menu-and-taskbar-in-windows-11/>

1. Install Winaero Tweaker:

<http://www.winaero.com/winaero-tweaker/>

2. Open/run/start Winaero Tweaker.

3. Go to: Windows 11 -> Classic Start Menu and Taskbar -> check "Enable Classic Taskbar and Start menu" box -> click

"Sign out now" button.

4. Log on/sign in back into Windows 11 under same user name.

5. Open/run/start 7+ Taskbar Tweaker (7TT) -> customize/tweak settings according to your needs/preferences -> done.

BONUS:

Windhawk customizes/tweaks Windows 10/11 app(lication)s/programs with mods:

<http://windhawk.net/>

Windhawk Repository:

<http://github.com/ramensoftware/windhawk/>

Windhawk Mods:

<http://windhawk.net/mods/>

Windhawk Mods Repository:

<http://github.com/ramensoftware/windhawk-mods/>

Windhawk Wiki Documentation:

<http://github.com/ramensoftware/windhawk/wiki/>

B. Tweak Windows 10 Taskbar in Windows 11 by using 7+ Taskbar Tweaker (7TT):
7+ Taskbar Tweaker (7TT) 32-bit + 64-bit (Portable) for Windows 7/newer adds hidden + unavailable Taskbar tray settings beyond Windows capabilities, highly customizable [select Portable at install time]:

<http://ramensoftware.com/7-taskbar-tweaker/>

<http://tweaker.ramensoftware.com/>

File [Install -> select Portable]:

http://ramensoftware.com/downloads/7tt_setup.exe

7+ Taskbar Tweaker (7TT) Portable:

<http://www.portableapps.com/apps/utilities/7plus-taskbar-tweaker-portable/>

7+ Taskbar Tweaker (7TT) Guide:

<http://www.winaero.com/get-a-classic-taskbar-in-windows-8-and-windows-7-that-works-like-xp/>

7+ Taskbar Tweaker (7TT) Advanced Settings:

<http://tweaker.ramensoftware.com/images/7-taskbar-tweaker.png>

7+ Taskbar Tweaker (7TT) Repository:

<http://github.com/m417z/7-Taskbar-Tweaker/>

7+ Taskbar Tweaker (7TT) Windhawk tweak mods for Windows 11 Taskbar:

<http://ramensoftware.com/windhawk-mods-for-the-windows-11-taskbar/>

Method 3:

Restore Windows 10 Taskbar, Start Menu + customize Start button/icon/logo/orb in Windows 11 by using Open-Shell Menu -> see

"How to Change The Start Menu Icon in Open Shell" section:

<http://www.winaero.com/how-to-restore-classic-start-menu-in-windows-11-and-get-back-live-tiles/>

Open-Shell [Classic Shell fork] 32-bit + 64-bit Start Menu + button/icon/logo/orb, Explorer + IE enhancer, replacer, supports custom skins, buttons/logos, highly customizable:

<http://open-shell.github.io/Open-Shell-Menu/>

ReadMe:

<http://github.com/Open-Shell/Open-Shell-Menu/>

Download:

<http://github.com/Open-Shell/Open-Shell-Menu/releases/>

Open-Shell Guides:

<http://askleo.com/open-shell-regain-your-start-menu-in-windows-and-much-more/>

<http://www.techrepublic.com/article/how-to-use-open-shell-as-your-windows-10->

start-menu/
Custom Start button/icon/logo/orb Tutorial:
<http://coddec.github.io/Classic-Shell/www.classicshell.net/tutorials/buttontutorial.html>
Custom Skin Tutorial:
<http://coddec.github.io/Classic-Shell/www.classicshell.net/tutorials/skintutorial.html>

* Turn ON/repair/restore original Windows 7/8/8.1 (classic) style audio/sound Volume Control in Windows 10/11:
<http://www.winaero.com/blog/enable-old-volume-control-in-windows-10/>
TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer
<http://www.mdgx.com/toy.htm#TXT>
to create a plain text Registry file containing the lines between Cut & Paste delimiters below -> save it as plain text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click it -> Run as Administrator -> answer Yes/OK to all prompts to register/merge/import its information into your registry.
-----Begin cut & paste here-----

```
REGEDIT4
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\MTCUVC]
"EnableMtcUvc"=dword:0
[HKEY_CURRENT_USER\Software\Microsoft\Windows NT\CurrentVersion\MTCUVC]
"EnableMtcUvc"=dword:0
[HKEY_USERS\.DEFAULT\Software\Microsoft\Windows NT\CurrentVersion\MTCUVC]
"EnableMtcUvc"=dword:0
;
```

-----End cut & paste here-----

* Turn ON/repair/restore Pin to Taskbar/Pin to Start Menu right-click shell context menu items/links/shortcuts for addresses/apps/files/folders/documents/items/links/schemes/shortcuts:
<http://www.sevenforums.com/tutorials/5547-taskbar-pinned-programs-enable-disable.html>
<http://www.helpdeskgeek.com/windows-7/pin-to-taskbar-missing-in-windows-7/>
TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer
<http://www.mdgx.com/toy.htm#TXT>
to create a plain text Registry file containing the lines between Cut & Paste delimiters below -> save it as plain text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click it -> Run as Administrator -> answer Yes/OK to all prompts to register/merge/import its information into your registry.
-----Begin cut & paste here-----

```
REGEDIT4
[HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows\Explorer]
"NoPinningToTaskbar"=-
"TaskbarNoPinnedList"=-
[HKEY_CURRENT_USER\Software\Policies\Microsoft\Windows\Explorer]
"NoPinningToTaskbar"=-
"TaskbarNoPinnedList"=-
[HKEY_USERS\.DEFAULT\Software\Policies\Microsoft\Windows\Explorer]
"NoPinningToTaskbar"=-
"TaskbarNoPinnedList"=-
;
```

-----End cut & paste here-----

* Turn OFF Open, Print + Edit right-click shell context menu limited to 16 items or less with 15 or more files/items selected in Windows 10 (example: limit increased to 1000000000 = one billion):
<http://support.microsoft.com/help/2022295/>
<http://learn.microsoft.com/troubleshoot/windows-client/shell-experience/context-menus-shortened-select-over-15-files/>

<http://www.nextofwindows.com/how-to-open-more-than-15-files-at-once-from-context-menu-in-windows/>

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer

<http://www.mdgx.com/toy.htm#TXT>

to create a plain text Registry file containing the lines between Cut & Paste delimiters below -> save it as plain

text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click it -> Run as Administrator -> answer Yes/OK

to all prompts to register/merge/import its information into your registry.

-----Begin cut & paste here-----

REGEDIT4

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer]

"MultipleInvokePromptMinimum"=dword:3b9aca00

;

-----End cut & paste here-----

* Turn OFF File History:

<http://www.eightforums.com/threads/file-history-enable-or-disable-in-windows-8.7706/>

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer

<http://www.mdgx.com/toy.htm#TXT>

to create a plain text Registry file containing the lines between Cut & Paste delimiters below -> save it as plain

text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click it -> Run as Administrator -> answer Yes/OK

to all prompts to register/merge/import its information into your registry.

-----Begin cut & paste here-----

REGEDIT4

[HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows\FileHistory]

"Disabled"=dword:1

[HKEY_CURRENT_USER\Software\Policies\Microsoft\Windows\FileHistory]

"Disabled"=dword:1

[HKEY_USERS\.DEFAULT\Software\Policies\Microsoft\Windows\FileHistory]

"Disabled"=dword:1

;

-----End cut & paste here-----

* Turn OFF User Account Control (UAC), Limited User Account (LUA) service (LUAFV) + Modern UAC [+ Credentials UI] prompt dialog annoyances + restore classic UAC graphical user interface (GUI) in Windows Vista/newer:

<http://www.eightforums.com/tutorials/5509-user-account-control-uac-change-settings-windows-8-a.html>

<http://www.askvg.com/tip-disable-modern-uac-prompt-and-credential-ui-in-windows-10/>

<http://www.winaero.com/microsoft-has-removed-the-classic-uac-prompt-from-windows-10/>

<http://batcmd.com/windows/10/services/luafv/>

<http://parsons-technology.com/what-is-luafv/>

<http://learn.microsoft.com/windows-hardware/customize/desktop/unattend/microsoft-windows-lua-settings/>

1st Things 1st:

BACKUP YOUR REGISTRY BEFORE MAKING ANY CHANGES! -> See "BACKUP/EXPORT + RESTORE/IMPORT REGISTRY/REGISTRY KEY(S)" in WINDOWS7.TXT (included):

<http://www.mdgx.com/7.php#:~:text=BACKUP%2FEXPORT%20%2B%20RESTORE%2FIMPORT%20REGISTRY%2FREGISTRY%20KEY%28S%29%20%21>

WARNING:

If LUAFV service [provided by the %WinDir%\SYSTEM32\DRIVERS\luafv.sys driver] is disabled [see "Start"=dword:4 in .reg file

below] certain Windows components/features/functions will not work, and Windows Server users may experience errors in multiuser/networked/shared/enterprise/server environments:
<http://develloppaper.com/windows-ad-error-message-resolution-uac-file-virtualization-service-failed-to-start-this-driver-is-blocked-from-loading/>
<http://www.wincert.net/windows-server/event-id-7000-uac-file-virtualization-error/>
<http://www.microsoftpressstore.com/articles/article.aspx?p=2228450&seqNum=9>
<http://www.programmersought.com/article/27216104324/>
<http://www.askvg.com/tip-disable-modern-uac-prompt-and-credential-ui-in-windows-10/>

Examples:

- Internet Explorer (IE) [discontinued!] sandbox mode = DISABLED;
- Live/Metro/Screen/Start/Tile (Store) UWP (Universal Windows Platform) apps = DISABLED;
- certain Windows Server components + functions [unnecessary + wasteful of computing resources for Windows 7/newer Basic/Core/Desktop/Education/Home/Premium/Pro(fessional)/Starter/Ultimate editions] = DISABLED.

CAUTION:

This requires adequate/advanced knowledge about critical computing, operating systems, shared environments, networks, cybersecurity.

<http://www.mdgx.com/importnt.php>

Recommended for single user environments without any add-ons/components/extensions/extras/features/services which may require specific configurations/items/properties/settings for proper operation. Not recommended for multiuser/networked/shared/enterprise/server environments processing/storing/delivering encrypted/protected/secure critical/private/sensitive/vital analysis/data/information.

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer

<http://www.mdgx.com/toy.htm#TXT>

to create a plain text Registry file containing the lines between Cut & Paste delimiters below -> save it as plain text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click it -> Run as Administrator -> answer Yes/OK to all prompts to register/merge/import its information into your registry.

-----Begin cut & paste here-----

REGEDIT4

; MUST restart/reboot Windows after turning UAC ON or OFF !

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Policies\System]
"EnableLUA"=dword:0

; Restore classic UAC graphical user interface (GUI) from Windows Vista/7:

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Authentication\LogonUI\TestHooks]

"XamlCredUIAvailable"=dword:0

; Disable User Account Control file virtualization (LUAFV) Service:

[-HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\luafv\Security]

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\luafv]

"LaunchProtected"=dword:0

"Start"=dword:4

[-HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Services\luafv\Security]

[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Services\luafv]

"LaunchProtected"=dword:0

"Start"=dword:4

[-HKEY_LOCAL_MACHINE\SYSTEM\ControlSet002\Services\luafv\Security]

[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet002\Services\luafv]

"LaunchProtected"=dword:0

"Start"=dword:4

;

-----End cut & paste here-----

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer

<http://www.mdgx.com/toy.htm#TXT>

to create a plain text BATch (.bat) or CoMmanD (.cmd) script file containing the lines between Cut & Paste delimiters below

-> save it as plain text/ASCII file (Encode: -> ANSI) with the BAT (.bat) or CMD (.cmd) extension -> right-click it ->

Run as Administrator -> wait for completion.

-----Begin cut & paste here-----

```
@ECHO OFF
```

```
IF NOT "%OS%"=="Windows_NT" GOTO END
```

```
:: MUST restart/reboot Windows after turning UAC ON or OFF !
```

```
:: Disable User Account Control file virtualization (LUAfv) Service:
```

```
ECHO Y|NET.EXE STOP luafv
```

```
SC.EXE CONFIG luafv START= disabled
```

```
:: Disable UAC:
```

```
REG.EXE ADD "HKLM\SOFTWARE\Microsoft\Windows\CurrentVersion\Policies\System" /v EnableLUA /t REG_DWORD /d 0 /f
```

```
:END
```

```
EXIT
```

-----End cut & paste here-----

Restart/reboot Windows for all changes to take effect.

FIX:

Fix UAC prompt greyed out or missing Yes button in Windows 10:

<http://www.tenforums.com/tutorials/108280-fix-uac-prompt-has-grayed-out-missing-yes-button-windows-10-a.html>

* Turn OFF Microsoft text input application memory resident process executable (.exe) used by portable device, touch, software + virtual keyboards, and which load after every Windows (re)boot/(re)start/login, and consume hardware (processing:

CPU, GPU) + software (operating system: memory, timers) resources:

<http://computerverge.com/microsoft-text-input-application-how-to-disable-or-fix-high-cpu-consumption/>

<http://itectec.com/superuser/windows-10-how-to-prevent-microsoft-text-input-application-from-starting/>

<http://www.reddit.com/r/Windows10/comments/abx8ct/>

This executable might bear a different name and/or be located in a different directory/folder depending on your installed

Windows 10/11 build/edition/release/update/version (examples):

InputApp.exe

TextInputHost.exe

WindowsInternal.ComposableShell.Experiences.TextInput.InputApp.exe

These executables (.exe) can be located in 1 of these directories/folders

[%WinDir% = usually C:\WINDOWS] (examples):

%WinDir%\SystemApps\InputApp_cw5n1h2txyewy

%WinDir%\SystemApps\MicrosoftWindows.Client.CBS_cw5n1h2txyewy

Do this from a DOS console (command prompt) -> right-click CMD shortcut/CMD.EXE

-> Run as Administrator -> run commands

below -> press Enter after each line:

```
TASKKILL.EXE /IM InputApp.exe /F /T
```

```
TASKKILL.EXE /IM TextInputHost.exe /F /T
```

```
TASKKILL.EXE /IM
```

```
"WindowsInternal.ComposableShell.Experiences.TextInput.InputApp.exe" /F /T
```

```
TAKEOWN.EXE /f "%WinDir%\SystemApps\InputApp_cw5n1h2txyewy" /r /d y
```

```
ICACLS.EXE "%WinDir%\SystemApps\InputApp_cw5n1h2txyewy" /grant:r %UserName%:F /t /c /q
```

```
REN "%WinDir%\SystemApps\InputApp_cw5n1h2txyewy" "InputApp_cw5n1h2txyewy_OLD"
```

```
TAKEOWN.EXE /f "%WinDir%\SystemApps\
```

```
MicrosoftWindows.Client.CBS_cw5n1h2txyewy" /r /d y
```

```
ICACLS.EXE "%WinDir%\SystemApps\MicrosoftWindows.Client.CBS_cw5n1h2txyewy"
```

```
/grant:r %UserName%:F /t /c /q
```

```
REN "%WinDir%\SystemApps\MicrosoftWindows.Client.CBS_cw5n1h2txyewy"
```

"MicrosoftWindows.Client.CBS_cw5n1h2txyewy_OLD"

ICACLS.EXE:

<http://www.ss64.com/nt/icacls.html>

<http://learn.microsoft.com/windows-server/administration/windows-commands/icacls/>

<http://adamtheautomator.com/icacls/>

TAKEOWN.EXE:

<http://www.ss64.com/nt/takeown.html>

<http://learn.microsoft.com/windows-server/administration/windows-commands/takeown/>

Alternative method: use the registry to redirect these executables (.exe) to execute/run/start another app/program

executable instead, for example 1 that is an intrinsic part of Windows

[systray.exe]:

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer

<http://www.mdgx.com/toy.htm#TXT>

to create a plain text Registry file containing the lines between Cut & Paste delimiters below -> save it as plain

text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click

it -> Run as Administrator -> answer Yes/OK

to all prompts to register/merge/import its information into your registry.

-----Begin cut & paste here-----

REGEDIT4

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Image File Execution Options\InputApp.exe]

"Debugger"="systray.exe"

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Image File Execution Options\TextInputHost.exe]

"Debugger"="systray.exe"

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Image File Execution Options\

WindowsInternal.ComposableShell.Experiences.TextInput.InputApp.exe]

"Debugger"="systray.exe"

;

-----End cut & paste here-----

BEWARE:

Repair DCOM (Distributed Component Object Model) errors in DCOMcnfg.exe + comexp.msc:

<http://www.makeuseof.com/tag/fix-distributedcom-error-10016-windows/>

<http://social.technet.microsoft.com/wiki/contents/articles/50926-windows-component-services-troubleshooting-unable-to-edit-dcom-security-permissions.aspx>

DCOMcnfg.exe + comexp.msc:

<http://learn.microsoft.com/cpp/atl/dcomcnfg/>

<http://learn.microsoft.com/windows/win32/com/enabling-com-security-using-dcomcnfg/>

<http://learn.microsoft.com/windows/win32/com/setting-processwide-security-using-dcomcnfg/>

http://webconnection.west-wind.com/docs/_4kg0z4g3p.htm

DCOM:

http://en.wikipedia.org/wiki/Distributed_Component_Object_Model

* Add frequently used/must-have/favorite/useful apps/programs/tools, Control Panel (CP), Windows Settings (WS) a.k.a.

Immersive Control Panel (ICP) a.k.a. native Control Panel items/links/shortcuts to Desktop right-click menu (examples): ->

see "Control Panel (CP) + Omnipotent/Master/Mega/'god mode' (OMg) Control Panel" chapter ->

"* Control Panel (CP) CLSID (GUID) keys, commands, shortcuts + folders in Windows 7/newer (examples):" topic -> WINDOWS7.TXT

(included):

<http://www.mdgx.com/7.php>

<http://www.mdgx.com/WINDOWS7.TXT>

See also Windows 10/11 Settings Uniform Resource Identifier (URI) commands listed in WIN10SET.HTM (included):
<http://www.mdgx.com/WIN10SET.HTM>
List of my all-time favorite + must-have tools [free(ware)]:
I use all these free(ware) programs + tools on all my computers + laptops (almost) every day for (too) many years: ;-/

- Thorium AVX2 (Chromium fork) 64-bit web browser:
<http://www.mdgx.com/nettoys.htm#CHR>
- Supermium (Chromium fork) 64-bit web browser:
<http://www.mdgx.com/nettoys.htm#CHR>
- X-Chromium (X-Launcher) Portable launcher:
<http://www.winpenpack.com/en/download.php?view.1082>
- Chromium/Chrome/X-Chromium/Thorium/Supermium Privacy, Safety + Security Extensions + (Java)Scripts:
<http://www.mdgx.com/nettoys.htm#PRV>
- Mercury AVX (Firefox fork) 64-bit web browser:
<http://www.mdgx.com/nettoys.htm#MOZ>
- Firefox Privacy, Safety + Security Add-ons + (Java)Scripts:
<http://www.mdgx.com/nettoys.htm#PSF>
- MDGx custom HOSTS file [frequently updated]:
<http://www.mdgx.com/hosts.php>
- 7-Zip 64-bit:
<http://www.7-zip.org/>
- Universal Extractor 2 (UniExtract2) 64-bit:
<http://bioruebe.com/dev/uniextract/>
- AutoRuns 64-bit:
<http://learn.microsoft.com/sysinternals/downloads/autoruns/>
- ServiWin 64-bit:
<http://www.nirsoft.net/utils/serviwin.html>
- NTFS Permissions Tools (NPT):
http://www.majorgeeks.com/files/details/ntfs_permissions_tools.html
- Default Programs Editor (DPE):
<http://www.defaultprogramseeditor.com/>
- Classic Task Manager (TM) 64-bit:
<http://www.winaero.com/how-to-restore-the-good-old-task-manager-in-windows-8/>
- Open-Shell 64-bit:
<http://open-shell.github.io/Open-Shell-Menu/>
- 7+ Taskbar Tweaker (7TT) 64-bit:
<http://ramensoftware.com/7-taskbar-tweaker/>
- Winaero Tweaker 64-bit:
<http://www.winaero.com/winaero-tweaker/>
- Win10 All Settings (WAS):
<http://www.wintools.info/index.php/win10-all-settings/>
- Windows Update Blocker (WUB) 64-bit:
<http://www.sordum.org/9470/>
- Programmer's File Editor 32-bit (PFE32):
<http://www.lancs.ac.uk/people/steveb/cpaap/pfe/>
- IObit Unlocker:
<http://www.iobit.com/iobit-unlocker.php>
- grepWin 64-bit:
<http://tools.stefankueng.com/grepWin.html>
- T-Clock Redux 64-bit:
<http://github.com/White-Tiger/T-Clock/>
- TransparentMenu (TM):
<http://www.moo0.com/software/TransparentMenu/>
- TrayIcon:
<http://www.mdgx.com/files/TI25.ZIP>
- ClickOff:
http://johanneshuebner.com/quickcms/index.html%3Fde_downloads,2.html
- Wallpaper SlideShow LT:
<http://www.gphotoshow.com/wallpaperss.htm>
- MDGx File Manager (FM) 32-bit:
<http://www.mdgx.com/xptoy.htm#FMNT>
- Microsoft File Manager (FM) 64-bit:

<http://www.mdgx.com/xptoy.htm#FMMS>
- FreeCommander (FC) XE 32-bit:
<http://www.freecommander.com/>
- NexusFile:
<http://www.xiles.app/>
- NetMeter:
<http://www.metal-machine.de/readerror/>
- CurrPorts 64-bit:
<http://www.nirsoft.net/utils/cports.html>
- Network Activity Indicator (NAI) 64-bit:
<http://www.itsamples.com/network-activity-indicator.html>
- JPEGView 64-bit:
<http://sourceforge.net/projects/jpegview/>
- IrfanView 64-bit:
<http://www.irfanview.com/>
- Darktable 64-bit:
<http://www.darktable.org/>
- GIMP Portable 64-bit:
http://www.portableapps.com/apps/graphics_pictures/gimp_portable/
- XnView MP Portable 64-bit:
<http://www.xnview.com/en/xnviewmp/#downloads>
- IcoFX Portable:
http://www.portableapps.com/apps/graphics_pictures/icofx_portable/
- K-Lite Codec Pack (KLCP) Mega + Media Player Classic Home Cinema (MPC-HC) Lite 64-bit:
http://www.codecguide.com/download_k-lite_codec_pack_mega.htm
- MKVToolNix 64-bit:
<http://www.mkvtoolnix.download/>
- gMKVExtractGUI:
<http://forum.doom9.org/showthread.php?t=170249>
- HandBrake Portable 64-bit:
<http://handbrake.fr/downloads.php>
- Pazera Free Audio + Video Conversion Pack Portable 64-bit:
<http://www.pazera-software.com/products/free-audio-video-pack/>
- MKV Cutter:
<http://www.videohelp.com/software/MKV-Cutter>
- FFmpeg 64-bit:
<http://www.ffmpeg.org/download.html#build-windows>
- foobar2000 64-bit:
<http://www.foobar2000.org/>
- ReNamer 5.60:
<http://files.fyxm.net/121/121773/renamer.zip>
- Desktop Background Tuner (DBT) [from "Windows 8" folder]:
<http://www.winaero.com/desktop-background-tuner/>
- Swiss File Knife (SFK):
<http://www.stahlworks.com/dev/swiss-file-knife.html>
- NirCmd 64-bit:
<http://www.nirsoft.net/utils/nircmd.html>
- AdvancedRun 64-bit:
http://www.nirsoft.net/utils/advanced_run.html
- Calibre Portable 64-bit:
http://www.calibre-ebook.com/download_portable/
- Libre Office Portable:
http://www.portableapps.com/apps/office/libreoffice_portable/
- JDownloader2 (JD2):
<http://www.jdownloader.org/>
- Tixati Portable 64-bit:
<http://www.tixati.com/download/portable.html>
- FileZilla 64-bit:
<http://www.filezilla-project.org/>
Here is my Windows 10 Desktop right-click menu [JPEG screen capture]:
http://www.mdgx.com/Desktop_right-click_extended_Win10_3840x2160.jpg
More like these [all text (.txt) files included]:
- MDGx "List of Useful Windows NTx Tools" in TOOLS.TXT:

http://www.mdgx.com/tools.php
http://www.mdgx.com/TOOLS.TXT
- MDGx "1000+ Windows NTx Power Toys + Tweaking Tools" in SOFTWARE.TXT:
http://www.mdgx.com/toy.htm
- MDGx "Windows NTx Internet Power Toys" in SOFTWARE.TXT:
http://www.mdgx.com/nettoys.htm
- MDGx "Free(ware) Windows NTx Extras" in SOFTWARE.TXT:
http://www.mdgx.com/xptoy.htm
- MDGx "List of Digital Photography, Imaging + Video Tools for Windows NTx" in
PHOTO.TXT:
http://www.mdgx.com/photo.php
http://www.mdgx.com/PHOTO.TXT

LIMITATION:

Desktop/Explorer/icon/item/link/shortcut right-click shell context submenus
(subfolders) allow a maximum of 16 items each in
all Windows NTx builds/editions/releases/versions -> example: see "|□□□□
Windows Settings (WS) = NATIVE □□□□>" item from
JPEG above.

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer
http://www.mdgx.com/toy.htm#TXT
to create a plain text Registry file containing the lines between Cut & Paste
delimiters below -> save it as plain
text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click
it -> Run as Administrator -> answer Yes/OK
to all prompts to register/merge/import its information into your registry.
-----Begin cut & paste here-----

REGEDIT4

```
[HKEY_CLASSES_ROOT\DesktopBackground\shell\addprogs]
@="Add/Uninstall Programs + Features = CLASSIC"
"SuppressionPolicy"=dword:0
"Icon"="appwiz.cpl,0"
"NoWorkingDirectory"=""
[HKEY_CLASSES_ROOT\DesktopBackground\shell\addprogs\command]
@="RUNDLL32.EXE SHELL32.DLL,Control_RunDLL appwiz.cpl,,0"
"IsolatedCommand"=-
[HKEY_CLASSES_ROOT\DesktopBackground\shell\assocfext]
@="Associate File Extension With... (Default Program)"
"SuppressionPolicy"=dword:0
"Icon"="imageres.dll,60"
"NoWorkingDirectory"=""
[HKEY_CLASSES_ROOT\DesktopBackground\shell\assocfext\command]
@="CONTROL.EXE /name Microsoft.DefaultPrograms /page pageFileAssoc"
"IsolatedCommand"=-
[HKEY_CLASSES_ROOT\DesktopBackground\shell\audio]
@="Audio Volume Mixer = CLASSIC"
"SuppressionPolicy"=dword:0
"Icon"="SNDVOL.EXE,0"
"NoWorkingDirectory"=""
[HKEY_CLASSES_ROOT\DesktopBackground\shell\audio\command]
@="SNDVOL.EXE"
"IsolatedCommand"=-
[HKEY_CLASSES_ROOT\DesktopBackground\shell\bluetooth_CLS]
@="Bluetooth Settings = CLASSIC"
"SuppressionPolicy"=dword:0
"Icon"="bthprops.cpl,2"
"NoWorkingDirectory"=""
[HKEY_CLASSES_ROOT\DesktopBackground\shell\bluetooth_CLS\command]
@="RUNDLL32.EXE SHELL32.DLL,Control_RunDLL bthprops.cpl,,1"
"IsolatedCommand"=-
[HKEY_CLASSES_ROOT\DesktopBackground\shell\clrtype]
@="ClearType Text Tuner = CLASSIC"
"SuppressionPolicy"=dword:0
"Icon"="CTTUNE.EXE,0"
```

```

"NoWorkingDirectory"=""
[HKEY_CLASSES_ROOT\DesktopBackground\shell\clrtype\command]
@="CTTUNE.EXE"
"IsolatedCommand"=-
[HKEY_CLASSES_ROOT\DesktopBackground\shell\colors_transp]
@="Colors, Appearance + Transparency = Aero = CLASSIC"
"SuppressionPolicy"=dword:0
"Icon"="imageres.dll,18"
"NoWorkingDirectory"=""
[HKEY_CLASSES_ROOT\DesktopBackground\shell\colors_transp\command]
@="EXPLORER.EXE SHELL::{26EE0668-A00A-44D7-9371-BEB064C98683}\\1\\:::{ED834ED6-4B5A-4bfe-8F11-A626DCB6A921}\\pageColorization"
"IsolatedCommand"=-
[HKEY_CLASSES_ROOT\DesktopBackground\shell\ctrlpanel_CLS]
@="Control Panel (CP) = CLASSIC"
"SuppressionPolicy"=dword:0
"Icon"="CONTROL.EXE,0"
"NoWorkingDirectory"=""
[HKEY_CLASSES_ROOT\DesktopBackground\shell\ctrlpanel_CLS\command]
@="EXPLORER.EXE SHELL::{21EC2020-3AEA-1069-A2DD-08002B30309D}"
"IsolatedCommand"=-
[HKEY_CLASSES_ROOT\DesktopBackground\shell\ctrlpanel_WS]
@="Windows Settings = a.k.a. Control Panel (CP) (Native)"
"SuppressionPolicy"=dword:0
"Icon"="CONTROL.EXE,0"
"NoWorkingDirectory"=""
[HKEY_CLASSES_ROOT\DesktopBackground\shell\ctrlpanel_WS\command]
@="EXPLORER.EXE ms-settings:"
"IsolatedCommand"=-
[HKEY_CLASSES_ROOT\DesktopBackground\shell\desktopicons]
@="Desktop Icons Settings = CLASSIC"
"SuppressionPolicy"=dword:0
"Icon"="DESK.CPL,0"
"NoWorkingDirectory"=""
[HKEY_CLASSES_ROOT\DesktopBackground\shell\desktopicons\command]
@="RUNDLL32.EXE SHELL32.DLL,Control_RunDLL DESK.CPL,,0"
"IsolatedCommand"=-
[HKEY_CLASSES_ROOT\DesktopBackground\shell\DevMgr]
@="Device Manager (DevMgmt.msc)"
"SuppressionPolicy"=dword:0
"Icon"="hdwwiz.cpl,0"
"NoWorkingDirectory"=""
[HKEY_CLASSES_ROOT\DesktopBackground\shell\DevMgr\command]
@="MMC.EXE /S DEVMGMT.MSC"
"IsolatedCommand"=-
[HKEY_CLASSES_ROOT\DesktopBackground\shell\dev+_prn]
@="Devices + Printers"
"SuppressionPolicy"=dword:0
"Icon"="CONTROL.EXE,0"
"NoWorkingDirectory"=""
[HKEY_CLASSES_ROOT\DesktopBackground\shell\dev+_prn\command]
@="CONTROL.EXE Printers"
"IsolatedCommand"=-
[HKEY_CLASSES_ROOT\DesktopBackground\shell\diskman]
@="Disk Manager (DiskMgmt.msc)"
"SuppressionPolicy"=dword:0
"Icon"="MMC.EXE,0"
"NoWorkingDirectory"=""
[HKEY_CLASSES_ROOT\DesktopBackground\shell\diskman\command]
@="MMC.EXE /S DISKMGMT.MSC"
"IsolatedCommand"=-
[HKEY_CLASSES_ROOT\DesktopBackground\shell\DOS_CMD]
@="DOS Console (CMD) = Administrator"
"SuppressionPolicy"=dword:0

```

```

"Icon"="CMD.EXE,0"
"NoWorkingDirectory"=""
[HKEY_CLASSES_ROOT\DesktopBackground\shell\DOS_CMD\command]
@="CMD.EXE /K CD /D COLOR 07 && TITLE \"Administrator DOS Console\"""
"IsolatedCommand"=-
[HKEY_CLASSES_ROOT\DesktopBackground\shell\easyaccess]
@="Ease of Access Center (Native)"
"SuppressionPolicy"=dword:0
"Icon"="UTILMAN.EXE,0"
"NoWorkingDirectory"=""
[HKEY_CLASSES_ROOT\DesktopBackground\shell\easyaccess\command]
@="UTILMAN.EXE"
"IsolatedCommand"=-
[HKEY_CLASSES_ROOT\DesktopBackground\shell\firewall_adv]
@="Firewall + Advanced Security (WF.msc)"
"SuppressionPolicy"=dword:0
"Icon"="FirewallControlPanel.dll,0"
"NoWorkingDirectory"=""
[HKEY_CLASSES_ROOT\DesktopBackground\shell\firewall_adv\command]
@="MMC.EXE /S WF.MSC"
"IsolatedCommand"=-
[HKEY_CLASSES_ROOT\DesktopBackground\shell\foldopt]
@="Files, Folders + Explorer Options = CLASSIC"
"SuppressionPolicy"=dword:0
"Icon"="fde.dll,0"
"NoWorkingDirectory"=""
[HKEY_CLASSES_ROOT\DesktopBackground\shell\foldopt\command]
@="RUNDLL32.EXE SHELL32.DLL,Options_RunDLL 7"
"IsolatedCommand"=-
[HKEY_CLASSES_ROOT\DesktopBackground\shell\MasterMode]
@="Omnipotent/Master/Mega/☐god mode☐ (OMg) Control Panel"
"SuppressionPolicy"=dword:0
"Icon"="WSCUI.CPL,0"
"NoWorkingDirectory"=""
[HKEY_CLASSES_ROOT\DesktopBackground\shell\MasterMode\command]
@="EXPLORER.EXE SHELL:::{ED7BA470-8E54-465E-825C-99712043E01C}"
"IsolatedCommand"=-
[HKEY_CLASSES_ROOT\DesktopBackground\shell\msconfig]
@="System Configuration (MSConfig)"
"SuppressionPolicy"=dword:0
"Icon"="MSCONFIG.EXE,0"
"NoWorkingDirectory"=""
[HKEY_CLASSES_ROOT\DesktopBackground\shell\msconfig\command]
@="MSCONFIG.EXE"
"IsolatedCommand"=-
[HKEY_CLASSES_ROOT\DesktopBackground\shell\netcenter]
@="Network + Internet Center = CLASSIC"
"SuppressionPolicy"=dword:0
"Icon"="ncpa.cpl,0"
"NoWorkingDirectory"=""
[HKEY_CLASSES_ROOT\DesktopBackground\shell\netcenter\command]
@="CONTROL.EXE /name Microsoft.NetworkAndSharingCenter"
"IsolatedCommand"=-
[HKEY_CLASSES_ROOT\DesktopBackground\shell\optcomp]
@="Optional Features + Components = CLASSIC"
"SuppressionPolicy"=dword:0
"Icon"="OptionalFeatures.exe,0"
"NoWorkingDirectory"=""
[HKEY_CLASSES_ROOT\DesktopBackground\shell\optcomp\command]
@="OptionalFeatures.exe"
"IsolatedCommand"=-
[HKEY_CLASSES_ROOT\DesktopBackground\shell\Powershell]
@="PowerShell Console (CMD) = Administrator"
"Icon"="powershell.exe,0"

```

```
"NoWorkingDirectory"=""
[HKEY_CLASSES_ROOT\DesktopBackground\shell\Powershell\command]
@="powershell.exe -noExit -ExecutionPolicy Unrestricted -ImportSystemModules -
command Set-Location -literalPath '%V'"
"IsolatedCommand"=-
[HKEY_CLASSES_ROOT\DesktopBackground\shell\regedit]
@="Registry Editor (RegEdit)"
"SuppressionPolicy"=dword:0
"Icon"="C:\WINDOWS\SYSTEM32\REGEDIT.EXE,0"
"NoWorkingDirectory"=""
[HKEY_CLASSES_ROOT\DesktopBackground\shell\regedit\command]
@="C:\WINDOWS\REGEDIT.EXE"
"IsolatedCommand"=-
[HKEY_CLASSES_ROOT\DesktopBackground\shell\services]
@="Services (Services.msc)"
"SuppressionPolicy"=dword:0
"Icon"="MMC.EXE,0"
"NoWorkingDirectory"=""
[HKEY_CLASSES_ROOT\DesktopBackground\shell\services\command]
@="MMC.EXE /S SERVICES.MSC"
"IsolatedCommand"=-
[HKEY_CLASSES_ROOT\DesktopBackground\shell\sounds]
@="Sounds = CLASSIC"
"SuppressionPolicy"=dword:0
"Icon"="mmsys.cpl,0"
"NoWorkingDirectory"=""
[HKEY_CLASSES_ROOT\DesktopBackground\shell\sounds\command]
@="RUNDLL32.EXE SHELL32.DLL,Control_RunDLL mmsys.cpl,,0"
"IsolatedCommand"=-
[HKEY_CLASSES_ROOT\DesktopBackground\shell\sysinfo]
@="System Info (MSInfo)"
"SuppressionPolicy"=dword:0
"Icon"="MSINF032.EXE,0"
"NoWorkingDirectory"=""
[HKEY_CLASSES_ROOT\DesktopBackground\shell\sysinfo\command]
@="MSINF032.EXE"
"IsolatedCommand"=-
[HKEY_CLASSES_ROOT\DesktopBackground\shell\sysprop]
@="System Properties + OS Info = CLASSIC"
"SuppressionPolicy"=dword:0
"Icon"="sysdm.cpl,0"
"NoWorkingDirectory"=""
[HKEY_CLASSES_ROOT\DesktopBackground\shell\sysprop\command]
@="EXPLORER.EXE SHELL:::{BB06C0E4-D293-4f75-8A90-CB05B6477EEE}"
"IsolatedCommand"=-
[HKEY_CLASSES_ROOT\DesktopBackground\shell\syspropadv]
@="System Properties Advanced = CLASSIC"
"SuppressionPolicy"=dword:0
"Icon"="imageres.dll,81"
"NoWorkingDirectory"=""
[HKEY_CLASSES_ROOT\DesktopBackground\shell\syspropadv\command]
@="SystemPropertiesAdvanced.exe"
"IsolatedCommand"=-
[HKEY_CLASSES_ROOT\DesktopBackground\shell\taskbarstart]
@="Taskbar + Start Button/Icon/Logo/Menu/Orb Properties (Native)"
"SuppressionPolicy"=dword:0
"Icon"="imageres.dll,75"
"NoWorkingDirectory"=""
[HKEY_CLASSES_ROOT\DesktopBackground\shell\taskbarstart\command]
@="RUNDLL32.EXE SHELL32.DLL,Options_RunDLL 1"
"IsolatedCommand"=-
[HKEY_CLASSES_ROOT\DesktopBackground\shell\taskschd]
@="Task Scheduler (TaskSchd.msc)"
"SuppressionPolicy"=dword:0
```

```
"Icon"="SETUPAPI.DLL,0"
"NoWorkingDirectory"=""
[HKEY_CLASSES_ROOT\DesktopBackground\shell\taskschd\command]
@="MMC.EXE /S taskschd.msc"
"IsolatedCommand"=-
[HKEY_CLASSES_ROOT\DesktopBackground\shell\themes_CLS]
"MuiVerb"="Themes = CLASSIC"
"SuppressionPolicy"=dword:0
"ControlPanelName"="Microsoft.Personalization"
"Icon"="themecpl.dll,0"
"NoWorkingDirectory"=""
[HKEY_CLASSES_ROOT\DesktopBackground\shell\themes_CLS\command]
@="EXPLORER.EXE SHELL:::{ED834ED6-4B5A-4bfe-8F11-A626DCB6A921}"
"IsolatedCommand"=-
[HKEY_CLASSES_ROOT\DesktopBackground\shell\wallpaper_CLS]
@="Wallpaper = CLASSIC"
"SuppressionPolicy"=dword:0
"Icon"="imageres.dll,-110"
"NoWorkingDirectory"=""
[HKEY_CLASSES_ROOT\DesktopBackground\shell\wallpaper_CLS\command]
@="EXPLORER.EXE SHELL:::{ED834ED6-4B5A-4bfe-8F11-A626DCB6A921} -
Microsoft.Personalization\pageWallpaper"
"IsolatedCommand"=-
[HKEY_CLASSES_ROOT\DesktopBackground\shell\defprog]
@="Default Programs (Associate with...) = CLASSIC"
"SuppressionPolicy"=dword:0
"Icon"="imageres.dll,19"
[HKEY_CLASSES_ROOT\DesktopBackground\shell\defprog\command]
@="CONTROL.EXE /name Microsoft.DefaultPrograms"
"IsolatedCommand"=-
[HKEY_CLASSES_ROOT\DesktopBackground\shell\power]
@="Power = CLASSIC"
"SuppressionPolicy"=dword:0
"Icon"="powercfg.cpl,0"
[HKEY_CLASSES_ROOT\DesktopBackground\shell\power\command]
@="RUNDLL32.EXE SHELL32.DLL,Control_RunDLL powercfg.cpl"
"IsolatedCommand"=-
[HKEY_CLASSES_ROOT\DesktopBackground\shell\inetprop]
@="Internet Explorer (IE) Properties = CLASSIC"
"SuppressionPolicy"=dword:0
"Icon"="inetcpl.cpl,0"
[HKEY_CLASSES_ROOT\DesktopBackground\shell\inetprop\command]
@="RUNDLL32.EXE SHELL32.DLL,Control_RunDLL inetcpl.cpl,,0"
"IsolatedCommand"=-
[HKEY_CLASSES_ROOT\DesktopBackground\shell\instupdt]
@="Installed Updates = CLASSIC"
"SuppressionPolicy"=dword:0
"Icon"="wuapi.dll,1"
[HKEY_CLASSES_ROOT\DesktopBackground\shell\instupdt\command]
@="EXPLORER.EXE SHELL:::{d450a8a1-9568-45c7-9c0e-b4f9fb4537bd}"
"IsolatedCommand"=-
[HKEY_CLASSES_ROOT\DesktopBackground\shell\mouse]
@="Mouse Pointers = CLASSIC"
"SuppressionPolicy"=dword:0
"Icon"="main.cpl,0"
[HKEY_CLASSES_ROOT\DesktopBackground\shell\mouse\command]
@="CONTROL.EXE MAIN.CPL,,1"
"IsolatedCommand"=-
[HKEY_CLASSES_ROOT\DesktopBackground\shell\network]
@="Network Connections = CLASSIC"
"SuppressionPolicy"=dword:0
"Icon"="ncpa.cpl,0"
[HKEY_CLASSES_ROOT\DesktopBackground\shell\network\command]
@="RUNDLL32.EXE SHELL32.DLL,Control_RunDLL ncpa.cpl,,0"
```

```

"IsolatedCommand"=-
[HKEY_CLASSES_ROOT\DesktopBackground\shell\taskman]
@="Task Manager (TaskMgr)"
"SuppressionPolicy"=dword:0
"Icon"="TASKMGR.EXE,0"
[HKEY_CLASSES_ROOT\DesktopBackground\shell\taskman\command]
@="TASKMGR.EXE"
"IsolatedCommand"=-
[HKEY_CLASSES_ROOT\DesktopBackground\shell\useraccounts]
@="User Accounts = CLASSIC"
"SuppressionPolicy"=dword:0
"Icon"="netplwiz.exe,0"
[HKEY_CLASSES_ROOT\DesktopBackground\shell\useraccounts\command]
@="netplwiz.exe"
"IsolatedCommand"=-
[HKEY_CLASSES_ROOT\DesktopBackground\shell\plugunplug]
@="Plug/Unplug Removable Devices/Storage Media = CLASSIC"
"SuppressionPolicy"=dword:0
"Icon"="HotPlug.dll,0"
[HKEY_CLASSES_ROOT\DesktopBackground\shell\plugunplug\command]
@="RUNDLL32.EXE SHELL32.DLL,Control_RunDLL HotPlug.dll"
"IsolatedCommand"=-
[HKEY_CLASSES_ROOT\DesktopBackground\shell\dpiscale]
@="Display + HD Color (Native)"
"SuppressionPolicy"=dword:0
"Icon"="DpiScaling.exe,0"
[HKEY_CLASSES_ROOT\DesktopBackground\shell\dpiscale\command]
@="DpiScaling.exe"
"IsolatedCommand"=-
[HKEY_CLASSES_ROOT\DesktopBackground\shell\useraccountctrl]
@="User Account Control (UAC) = CLASSIC"
"SuppressionPolicy"=dword:0
"Icon"="UserAccountControlSettings.exe,0"
[HKEY_CLASSES_ROOT\DesktopBackground\shell\useraccountctrl\command]
@="UserAccountControlSettings.exe"
"IsolatedCommand"=-
[HKEY_CLASSES_ROOT\DesktopBackground\shell\notif_ico_CLS]
@="Notification Area Icons = CLASSIC"
"SuppressionPolicy"=dword:0
"Icon"="taskbarcpl.dll,-1"
"NoWorkingDirectory"=""
[HKEY_CLASSES_ROOT\DesktopBackground\shell\notif_ico_CLS\command]
@="EXPLORER.EXE SHELL::{05d7b0f4-2121-4eff-bf6b-ed3f69b894d9}"
"IsolatedCommand"=-
[HKEY_CLASSES_ROOT\DesktopBackground\shell\sys_ico_CLS]
@="System Icons = CLASSIC"
"SuppressionPolicy"=dword:0
"Icon"="taskbarcpl.dll,-1"
"NoWorkingDirectory"=""
[HKEY_CLASSES_ROOT\DesktopBackground\shell\sys_ico_CLS\command]
@="EXPLORER.EXE SHELL::{05d7b0f4-2121-4eff-bf6b-ed3f69b894d9} \\SystemIcons,,0"
"IsolatedCommand"=-
[HKEY_CLASSES_ROOT\DesktopBackground\shell\KILL_UNResp]
@="KILL UNresponsive Task(s) !"
"SuppressionPolicy"=dword:0
"Icon"="imageres.dll,-98"
"NoWorkingDirectory"=""
[HKEY_CLASSES_ROOT\DesktopBackground\shell\KILL_UNResp\command]
@="CMD.EXE /C TASKKILL.EXE /F /FI \"status eq NOT RESPONDING\" && COLOR B3 && EXIT"
"IsolatedCommand"=-
[HKEY_CLASSES_ROOT\DesktopBackground\shell\Win_Modes]
@=""
"MuiVerb"="Windows Mode: DARK ☐Side☐ || LIGHT ☐Force☐ ☐☐☐☐☐☐>"

```

```

"SuppressionPolicy"=dword:0
"Icon"="themecpl.dll,-1"
"SubCommands"=""
[HKEY_CLASSES_ROOT\DesktopBackground\shell\Win_Modes\shell\DARK_Side]
@=""
"MUIVerb"="DARK □Side□ Mode"
"SuppressionPolicy"=dword:0
"Icon"="imageres.dll,-5412"
[HKEY_CLASSES_ROOT\DesktopBackground\shell\Win_Modes\shell\DARK_Side\command]
@="REG.EXE ADD HKCU\SOFTWARE\Microsoft\Windows\CurrentVersion\Themes\Personalize /v SystemUsesLightTheme /t REG_DWORD /d 0 /f && REG.EXE ADD HKCU\SOFTWARE\Microsoft\Windows\CurrentVersion\Themes\Personalize /v AppsUseLightTheme /t REG_DWORD /d 0 /f && EXIT"
"IsolatedCommand"=-
[HKEY_CLASSES_ROOT\DesktopBackground\shell\Win_Modes\shell\LITE_Force]
@=""
"MUIVerb"="LIGHT □Force□ Mode"
"SuppressionPolicy"=dword:0
"Icon"="imageres.dll,-5411"
[HKEY_CLASSES_ROOT\DesktopBackground\shell\Win_Modes\shell\LITE_Force\command]
@="REG.EXE ADD HKCU\SOFTWARE\Microsoft\Windows\CurrentVersion\Themes\Personalize /v SystemUsesLightTheme /t REG_DWORD /d 1 /f && REG.EXE ADD HKCU\SOFTWARE\Microsoft\Windows\CurrentVersion\Themes\Personalize /v AppsUseLightTheme /t REG_DWORD /d 1 /f && EXIT"
"IsolatedCommand"=-
[HKEY_CLASSES_ROOT\DesktopBackground\shell\REBOOT_Adv_Opt]
@="ReBOOT/ReSTART with Advanced BOOT Options"
"SuppressionPolicy"=dword:0
"Icon"="diagperf.dll,0"
"NoWorkingDirectory"=""
[HKEY_CLASSES_ROOT\DesktopBackground\shell\REBOOT_Adv_Opt\command]
@="SHUTDOWN.EXE /R /O /F /T 1"
"IsolatedCommand"=-
;
-----End cut & paste here-----

```

* Switch between Windows 10/11 Dark/Night ["The Dark Side" ;-/] + Light/Day ["The Light Force" ;-/] GUI (Graphical User Interface) Modes everywhere on your Desktop, in Explorer, Start/Tiles, Windows Settings (WS), compatible/compliant/supported apps, programs, tools, utilities, games, web browsers + web pages/sites, etc:
<http://www.windowscentral.com/how-switch-between-light-and-dark-colors-schedule-automatically-windows-10/>
<http://www.askvg.com/windows-10-tip-enjoy-dark-theme-in-all-websites-and-software-programs/>
<http://www.laptopmag.com/articles/windows-10-dark-theme/>
<http://www.laptopmag.com/articles/enable-light-mode-windows-10/>
<http://www.digitalcitizen.life/how-enable-disable-dark-mode-windows-10/>
<http://www.pcmag.com/how-to/how-to-enable-dark-mode-in-windows-10/>
<http://www.ionos.com/digitalguide/server/configuration/windows-10-dark-mode/>
<http://www.guidingtech.com/disable-dark-mode-windows-10-macos-android-ios/>
<http://silicophilic.com/dark-mode-guide-for-windows-10/>
<http://windowsreport.com/dark-mode-chrome-turn-off/>
Start button/icon/logo/menu/orb -> Settings -> Personalization [Background, Lock Screen, Colors] -> left hand Colors menu,
or type
EXPLORER.EXE ms-settings:personalization-colors
-> Choose your color drop down menu -> Dark (example).
Chromium/Chrome + Chromium alternative/derivative/fork/variant web browsers extensions (free):
http://chromewebstore.google.com/collection/dark_themes
http://chromewebstore.google.com/search/dark+mode?_category=extensions
<http://chromewebstore.google.com/search/dark%20theme%20chrome>
Firefox + Firefox alternative/derivative/fork/variant web browsers add-ons


```
@ECHO OFF
IF NOT "%OS%"=="Windows_NT" GOTO END
:: Turn ON The Dark "Side" Mode:
REG.EXE ADD "HKCU\Software\Microsoft\Windows\CurrentVersion\Themes\
Personalize" /v SystemUsesLightTheme /t REG_DWORD /d 0 /f
REG.EXE ADD "HKCU\Software\Microsoft\Windows\CurrentVersion\Themes\
Personalize" /v AppsUseLightTheme /t REG_DWORD /d 0 /f
REG.EXE ADD "HKU\DEFAULT\Software\Microsoft\Windows\CurrentVersion\Themes\
Personalize" /v SystemUsesLightTheme /t REG_DWORD /d 0 /f
REG.EXE ADD "HKU\DEFAULT\Software\Microsoft\Windows\CurrentVersion\Themes\
Personalize" /v AppsUseLightTheme /t REG_DWORD /d 0 /f
:END
EXIT
```

-----End cut & paste here-----

Turn ON The Light "Force" Mode batch file:

"The Force will be with you. Always." ;-/

<http://www.youtube.com/watch?v=ycCAHYvAUL4>

-----Begin cut & paste here-----

```
@ECHO OFF
IF NOT "%OS%"=="Windows_NT" GOTO END
:: Turn ON The Light "Force" Mode:
REG.EXE ADD "HKCU\Software\Microsoft\Windows\CurrentVersion\Themes\
Personalize" /v SystemUsesLightTheme /t REG_DWORD /d 1 /f
REG.EXE ADD "HKCU\Software\Microsoft\Windows\CurrentVersion\Themes\
Personalize" /v AppsUseLightTheme /t REG_DWORD /d 1 /f
REG.EXE ADD "HKU\DEFAULT\Software\Microsoft\Windows\CurrentVersion\Themes\
Personalize" /v SystemUsesLightTheme /t REG_DWORD /d 1 /f
REG.EXE ADD "HKU\DEFAULT\Software\Microsoft\Windows\CurrentVersion\Themes\
Personalize" /v AppsUseLightTheme /t REG_DWORD /d 1 /f
:END
EXIT
```

-----End cut & paste here-----

* FIX: Turn OFF annoying/nagging "Let's make Windows even better..." full screen pop-up in Windows 10/11 with certain

Microsoft Updates [example: April 2022 Cumulative Update: KB5012653, KB5012596, KB5012647, KB5012591 + KB5012599] installed:

<http://www.windowslatest.com/2022/04/25/windows-10s-full-screen-setup-nag-screen-returns-heres-how-to-disable-it/>

<http://www.tenforums.com/tutorials/76252-turn-off-windows-welcome-experience-windows-10-a.html>

http://www.majorgeeks.com/content/page/turn_windows_welcome_experience_page_on_or_off_in_windows_10.html

Start -> Windows Settings (WS) or -> Run... [hold WinKey + press R] -> type ms-settings

-> press Enter -> System -> Notifications & Actions -> "Show me the Windows welcome experience after updates..." -> turn OFF.

http://www.tenforums.com/attachments/tutorials/284489d1592760462-turn-off-windows-welcome-experience-windows-10-a-windows_welcome_experience_settings.jpg

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer

<http://www.mdgx.com/toy.htm#TXT>

to create a plain text Registry file containing the lines between Cut & Paste delimiters below -> save it as plain

text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click it -> Run as Administrator -> answer Yes/OK

to all prompts to register/merge/import its information into your registry.

-----Begin cut & paste here-----

```
REGEDIT4
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\
ContentDeliveryManager]
```

```
"SubscribedContent-310093Enabled"=dword:0
```

```
[HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\
```

```
ContentDeliveryManager]
"SubscribedContent-310093Enabled"=dword:0
[HKEY_USERS\.DEFAULT\Software\Microsoft\Windows\CurrentVersion\
ContentDeliveryManager]
"SubscribedContent-310093Enabled"=dword:0
;
-----End cut & paste here-----
```

```
* FIX: Repair Start Menu, Pin to Taskbar any file
type/shortcut/document/link/website/icon/item/object/folder from
right-click shell context menu, and Date + Time popups NOT working properly:
http://superuser.com/questions/1452901/
http://techcult.com/fix-pin-to-taskbar-missing-in-windows-10/
http://learn.microsoft.com/answers/questions/87376/powershell-command-to-pin-apps-to-windows-taskbar.html
http://stackoverflow.com/questions/31720595/
http://windowsreport.com/taskbar-not-working-windows-10/
http://thegeekpage.com/fix-right-click-not-working-on-start-menu-taskbar-in-windows-10/
http://www.winaero.com/enable-secret-hidden-continuum-ui-new-start-screen-in-windows-10-tp3/
http://www.winaero.com/pin-file-taskbar-windows-10/
http://www.digitalcitizen.life/how-pin-special-windows-shortcuts-taskbar/
http://www.tenforums.com/tutorials/96525-pin-file-taskbar-windows-10-a.html
http://www.tenforums.com/tutorials/3449-pin-taskbar-unpin-taskbar-apps-windows-10-a.html
http://thewindowscentral.com/windows-10-start-menu-not-working/
http://www.thewindowsclub.com/cant-pin-apps-to-taskbar-in-windows-10/
http://windowsreport.com/cant-pin-tiles-start-windows-10/
http://www.digitaltrends.com/computing/how-to-pin-a-website-to-the-taskbar/
Pin to... tool for Windows NTx 64-bit (x64) editions:
Pin to Taskbar Command Prompt Utility [syspin.exe] DOS console command line tool
64-bit for Windows 7/newer 64-bit:
http://www.technosys.net/products/utils/pintotaskbar
File:
http://www.technosys.net/download.aspx?file=syspin.exe
syspin.exe command line options, switches + parameters:
http://www.technosys.net/images/products/syspin1.jpg
-----snippity-snip-----
Usage:
syspin.exe ["letter:\filepath\filename.extension"] #####
or
syspin.exe ["letter:\filepath\filename.extension"] "command string"
#####s (numbers) and corresponding command strings:
5386 : Pin to Taskbar:
"%UserProfile%\AppData\Roaming\Microsoft\Internet Explorer\Quick Launch\User Pinned\TaskBar"
5387 : Unpin from Taskbar
51201 : Pin to Start:
"%UserProfile%\AppData\Roaming\Microsoft\Windows\Start Menu\Programs"
51394 : Unpin from Start
Samples:
syspin.exe "%ProgramFiles%\Internet Explorer\iexplore.exe" 5386
syspin.exe "C:\WINDOWS\notepad.exe" "Pin to Taskbar"
syspin.exe "%WinDir%\SYSTEM32\notepad.exe" "Pin to Start"
syspin.exe "%WinDir%\SYSTEM32\notepad.exe" "Unpin from Taskbar"
syspin.exe "C:\WINDOWS\SYSTEM32\notepad.exe" 51201
NOTE:
You canNOT pin any live/metro/screen/start/tile UWP (Universal Windows Platform)
app/gadget/widget or batch/script
file/item. :-(
-----snippity-snip-----
Add "Pin File/Item to Taskbar = SysPin [syspin.exe] 64-bit" item to the right-
click shell context menu for all file types
```

[*] (I have used C:\TOOLS_10 directory/folder as syspin.exe file location in this example):

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer

<http://www.mdgx.com/toy.htm#TXT>

to create a plain text Registry file containing the lines between Cut & Paste delimiters below -> save it as plain

text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click it -> Run as Administrator -> answer Yes/OK

to all prompts to register/merge/import its information into your registry.

-----Begin cut & paste here-----

REGEDIT4

[HKEY_LOCAL_MACHINE\SOFTWARE\Classes*\shell\Pin_syspin64]

@="Pin File/Item to Taskbar = SysPin [syspin.exe] 64-bit"

"SuppressionPolicy"=dword:0

"Icon"="\"C:\\TOOLS_10\\syspin.exe\",0"

"NoWorkingDirectory"=""

[HKEY_LOCAL_MACHINE\SOFTWARE\Classes*\shell\Pin_syspin64\command]

@="\"C:\\TOOLS_10\\syspin.exe\" \"%1\" 5386"

"IsolatedCommand"=-

;

-----End cut & paste here-----

Pin to... tool for Windows NTx 32-bit (x86) editions:

PinOnTen [pinonten.exe] Pin to Taskbar DOS console command line tool 32-bit for Windows 10/11:

<http://apps.codigobit.info/2016/07/pinonten-pin-or-unpin-to-taskbar-on.html>

Download:

<http://www.softpedia.com/get/System/OS-Enhancements/PinOnTen.shtml>

NOTE:

You canNOT pin any live/metro/screen/start/tile UWP (Universal Windows Platform) app/gadget/widget or batch/script

file/item. :-(

Date + Time Popup Does Not Work: Fix 3 - Restore [default] Registry Settings:

<http://www.technipages.com/windows-10-date-popup-does-not-work/>

File:

<http://www.technipages.com/wp-content/uploads/2016/07/TimeZoneRestore.zip>

Extract TimeZoneRestore.reg from ZIP archive above -> right-click

TimeZoneRestore.reg -> Run as Administrator -> answer

Yes/OK to all prompts to register/merge/import its information into your registry.

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer

<http://www.mdgx.com/toy.htm#TXT>

to create a plain text Registry file containing the lines between Cut & Paste delimiters below -> save it as plain

text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click it -> Run as Administrator -> answer Yes/OK

to all prompts to register/merge/import its information into your registry.

-----Begin cut & paste here-----

REGEDIT4

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\ImmersiveShell\Launcher]

"UseExperience"=dword:0

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Policies\Explorer]

"HideClock"=-

"HideSCAVolume"=-

"HideSCANetwork"=-

"LockTaskbar"=-

"NoAutoTrayNotify"=-

"NoCloseDragDropBands"=-

"NoTaskGrouping"=-

"NoToolbarsOnTaskbar"=-

"NoTrayContextMenu"=-

"NoTrayItemsDisplay"=-

```

"TaskbarLockAll"=-
"TaskbarNoAddRemoveToolbar"=-
"TaskbarNoRedock"=-
"TaskbarNoResize"=-
"TaskbarNoNotification"=-
[HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Policies\Explorer]
"HideClock"=-
"HideSCAVolume"=-
"HideSCANetwork"=-
"LockTaskbar"=-
"NoAutoTrayNotify"=-
"NoCloseDragDropBands"=-
"NoTaskGrouping"=-
"NoToolbarsOnTaskbar"=-
"NoTrayContextMenu"=-
"NoTrayItemsDisplay"=-
"TaskbarLockAll"=-
"TaskbarNoAddRemoveToolbar"=-
"TaskbarNoRedock"=-
"TaskbarNoResize"=-
"TaskbarNoNotification"=-
[HKEY_USERS\.DEFAULT\Software\Microsoft\Windows\CurrentVersion\Policies\
Explorer]
"HideClock"=-
"HideSCAVolume"=-
"HideSCANetwork"=-
"LockTaskbar"=-
"NoAutoTrayNotify"=-
"NoCloseDragDropBands"=-
"NoTaskGrouping"=-
"NoToolbarsOnTaskbar"=-
"NoTrayContextMenu"=-
"NoTrayItemsDisplay"=-
"TaskbarLockAll"=-
"TaskbarNoAddRemoveToolbar"=-
"TaskbarNoRedock"=-
"TaskbarNoResize"=-
"TaskbarNoNotification"=-
[HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows\Explorer]
"DisableNotificationCenter"=-
"EnableLegacyBalloonNotifications"=-
"NoPinningStoreToTaskbar"=-
"NoSystraySystemPromotion"=-
"NoPinningToDestinations"=-
"TaskbarNoPinnedList"=-
[HKEY_CURRENT_USER\Software\Policies\Microsoft\Windows\Explorer]
"DisableNotificationCenter"=-
"EnableLegacyBalloonNotifications"=-
"NoPinningStoreToTaskbar"=-
"NoSystraySystemPromotion"=-
"NoPinningToDestinations"=-
"TaskbarNoPinnedList"=-
[HKEY_USERS\.DEFAULT\Software\Policies\Microsoft\Windows\Explorer]
"DisableNotificationCenter"=-
"EnableLegacyBalloonNotifications"=-
"NoPinningStoreToTaskbar"=-
"NoSystraySystemPromotion"=-
"NoPinningToDestinations"=-
"TaskbarNoPinnedList"=-
;

```

-----End cut & paste here-----

Right-click PowerShell shortcut or C:\WINDOWS\SYSTEM32\WindowsPowerShell\v1.0\PowerShell.exe [default location in Windows

10/11] -> Run as Administrator -> run this command -> press Enter:

PowerShell.exe -ExecutionPolicy Unrestricted
After PowerShell console comes up -> run this command -> press Enter:
Get-AppXPackage -AllUsers | Foreach {Add-AppXPackage -DisableDevelopmentMode -
Register "\$(\$_.InstallLocation)\AppXManifest.xml"}
-> exit PowerShell.
Restart/reboot Windows for all changes to take effect.

* Turn ON Always show all Taskbar (Notification area) icons +
messages/notifications for all users in Desktop mode + Tablet
mode in Windows 10/11:
<http://www.tenforums.com/tutorials/5313-notification-area-icons-hide-show-windows-10-a.html>
<http://www.tenforums.com/tutorials/5313-hide-show-notification-area-icons-taskbar-windows-10-a.html>
<http://www.tenforums.com/general-support/15582-windows-10-tray-icons-hide-automatically-how-do-i-disable.html>
<http://www.howtogeek.com/225568/how-to-configure-and-customize-the-taskbar-in-windows-10/>
<http://www.online-tech-tips.com/windows-7/customize-notifications-action-center-windows-10/>
Run... [hold WinKey + press R] -> type this command:
ms-settings:taskbar
-> press Enter OR right-click on an empty Taskbar spot -> Taskbar settings -> Notification area -> Select which icons appear on the Taskbar -> turn ON/OFF individual icon(s) OR -> turn ON Always show all icons in the notification area.

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer

<http://www.mdgx.com/toy.htm#TXT>

to create a plain text Registry file containing the lines between Cut & Paste delimiters below -> save it as plain

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to all prompts to register/merge/import its information into your registry.

-----Begin cut & paste here-----

REGEDIT4

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Policies\Explorer]

"NoAutoTrayNotify"=-

[HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Policies\Explorer]

"NoAutoTrayNotify"=-

[HKEY_USERS\.DEFAULT\Software\Microsoft\Windows\CurrentVersion\Policies\Explorer]

"NoAutoTrayNotify"=-

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer]

"EnableAutoTray"=dword:0

[HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Explorer]

"EnableAutoTray"=dword:0

[HKEY_USERS\.DEFAULT\Software\Microsoft\Windows\CurrentVersion\Explorer]

"EnableAutoTray"=dword:0

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\Advanced]

"UseTabletModeNotificationIcons"=dword:0

[HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Explorer\Advanced]

"UseTabletModeNotificationIcons"=dword:0

[HKEY_USERS\.DEFAULT\Software\Microsoft\Windows\CurrentVersion\Explorer\Advanced]

"UseTabletModeNotificationIcons"=dword:0

;

-----End cut & paste here-----

Log off -> log back on into your same user account for these changes to take effect.

* Turn ON/enable system wide, per user + per process Dots Per Inch (DPI) display scaling [DpiScaling.exe], improve ClearType [CTTune.exe] text font clarity/readability + fix/UNblur blurry/fuzzy/unclear

apps in Windows 10/11:

<http://windowsreport.com/microsoft-apps-blurry/>

<http://thegeekpage.com/fix-apps-might-be-blurry-problem-in-windows-10/>

<http://www.tenforums.com/tutorials/100793-turn-off-fix-scaling-apps-blurry-windows-10-a.html>

<http://wpvkkp.com/fix-blurry-text-windows-10/>

<http://admx.help/?>

Category=Windows_10_2016&Policy=Microsoft.Policies.Display::DisplayPerProcessSystemDpiSettings

<http://www.eightforums.com/threads/global-dpi-scaling-disable-for-win8-1-for-all-files-users.42452/>

<http://pureinfotech.com/fix-windows-10-dpi-scaling-virtual-machine-high-definition-displays/>

<http://superuser.com/questions/1244934/>

<http://stackoverflow.com/questions/20516428/>

CTTune [CTTUNE.EXE] + DpiScaling [DPISCALING.EXE] Control Panel (CP) tools are both located in the %WinDir%\SYSTEM32

directory/folder [%WinDir% = usually C:\WINDOWS], listed in your system PATH.

Run ClearType Text Tuner: Run... [hold WinKey + press R] -> type this command: CTTUNE.EXE

-> press Enter -> tweak text clarity/readability to match your visual preferences -> press Finish.

Access Advanced Scaling settings: Run... [hold WinKey + press R] -> type this command:

ms-settings:display-advanced

-> press Enter -> turn ON Fix Scaling for apps/programs/games/tools/etc that are blurry, or if Reg Green Blue (RGB) colors do not overlay (superimpose) properly.

Windows 10 DPI Fix:

<http://windows10-dpi-fix.xpexplorer.com/>

File:

http://www.xpexplorer.com/installers/2.1/Windows10_DPI_FIX.exe

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer

<http://www.mdgx.com/toy.htm#TXT>

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to all prompts to register/merge/import its information into your registry.

-----Begin cut & paste here-----

REGEDIT4

[HKEY_CURRENT_USER\Control Panel\Desktop]

"EnablePerProcessSystemDPI"=dword:1

[HKEY_USERS\.DEFAULT\Control Panel\Desktop]

"EnablePerProcessSystemDPI"=dword:1

[HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows\Control Panel\Desktop]

"EnablePerProcessSystemDPI"=dword:1

[HKEY_CURRENT_USER\Software\Policies\Microsoft\Windows\Control Panel\Desktop]

"EnablePerProcessSystemDPI"=dword:1

[HKEY_USERS\.DEFAULT\Software\Policies\Microsoft\Windows\Control Panel\Desktop]

"EnablePerProcessSystemDPI"=dword:1

[HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows\Display]

"EnablePerProcessSystemDPIForProcesses"=dword:1

"DisablePerProcessSystemDPIForProcesses"=dword:0

[HKEY_CURRENT_USER\Software\Policies\Microsoft\Windows\Display]

"EnablePerProcessSystemDPIForProcesses"=dword:1

"DisablePerProcessSystemDPIForProcesses"=dword:0

[HKEY_USERS\.DEFAULT\Software\Policies\Microsoft\Windows\Display]

"EnablePerProcessSystemDPIForProcesses"=dword:1

"DisablePerProcessSystemDPIForProcesses"=dword:0

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\DWM]

"UseDpiScaling"=dword:1

[HKEY_CURRENT_USER\Software\Microsoft\Windows\DWM]

```

"UseDpiScaling"=dword:1
[HKEY_USERS\.DEFAULT\Software\Microsoft\Windows\DWM]
"UseDpiScaling"=dword:1
[HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Explorer\
VisualEffects]
"VisualFXSetting"=dword:3
[HKEY_USERS\.DEFAULT\Software\Microsoft\Windows\CurrentVersion\Explorer\
VisualEffects]
"VisualFXSetting"=dword:3
[HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Explorer\
VisualEffects\FontSmoothing]
"DefaultValue"=dword:1
"DefaultApplied"=dword:1
[HKEY_USERS\.DEFAULT\Software\Microsoft\Windows\CurrentVersion\Explorer\
VisualEffects\FontSmoothing]
"DefaultValue"=dword:1
"DefaultApplied"=dword:1
[HKEY_CURRENT_USER\Control Panel\Desktop]
"FontSmoothing"="2"
; "FontSmoothingType"=dword:2
[HKEY_USERS\.DEFAULT\Control Panel\Desktop]
"FontSmoothing"="2"
; "FontSmoothingType"=dword:2
;
/

```

-----End cut & paste here-----

Try also:

GDIPP (Graphics Device Interface ++) 32-bit + 64-bit [unmaintained!] for Windows Vista/newer improves

anti-aliasing/rasterizing/smoothing rendering + clarity/readability of all Windows desktop/display/monitor/screen/system fonts:

<http://code.google.com/archive/p/gdipp/>

<http://github.com/CoolOppo/GDIPP/>

- GDIPP 32-bit for Windows Vista/newer 32-bit (x86) [MSI Installer]:

http://storage.googleapis.com/google-code-archive-downloads/v2/code.google.com/gdipp/gdipp_x86_0.9.1.msi

- GDIPP 64-bit for Windows Vista/newer 64-bit (x64) [MSI Installer]:

http://storage.googleapis.com/google-code-archive-downloads/v2/code.google.com/gdipp/gdipp_x64_0.9.1.msi

GDIPP Guide:

<http://www.makeuseof.com/tag/make-windows-fonts-look-like-mac-fonts/>

* Turn ON/enable + tweak Night (Blue) Light display/monitor/screen custom gamma (color space) correction/dimming/reduction

filter/mode in Windows 10/11 (example):

<http://win10faq.com/windows-10-night-light-not-working/>

<http://community.windows.com/stories/the-night-light-rises/>

<http://www.digitalcitizen.life/simple-questions-what-night-light-windows-10-and-how-use-it/>

<http://techtipvault.com/windows/enable-night-light-windows-10/>

<http://www.alphr.com/change-gamma-windows-10/>

Wikipedia: Gamma Correction:

http://en.wikipedia.org/wiki/Gamma_correction

Start button/icon/logo/menu/orb -> Windows Settings [gear icon] -> System ->

Display -> Color -> Night Light -> turn

ON/slide right -> Night Light settings -> Turn ON now -> Strength -> drag slider right or left until satisfied with gamma

color space mode -> Schedule -> turn ON/slide right -> Set hours -> select preferred time table.

OR Run... [hold WinKey + press R] -> type this command:

EXPLORER.EXE ms-settings:nightlight

-> press Enter -> Night Light settings -> Turn ON now -> Strength -> drag slider right or left until satisfied with gamma

color space mode -> Schedule -> turn ON/slide right -> Set hours -> select

preferred time table.

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer

<http://www.mdgx.com/toy.htm#TXT>

to create a plain text Registry file containing the lines between Cut & Paste delimiters below -> save it as plain

text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click

it -> Run as Administrator -> answer Yes/OK

to all prompts to register/merge/import its information into your registry.

-----Begin cut & paste here-----

; Night (Blue) Light = custom preset settings (example):

REGEDIT4

[HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\CloudStore\Store\Cache\DefaultAccount\\$\$windows.data.bluelightreduction.bluelightreductionstate\Current]

"Data"=hex:02,00,00,00,54,83,08,4a,03,ba,d2,01,00,00,00,00,43,42,01,00,10,00,\d0,0a,02,c6,14,b8,8e,9d,d0,b4,c0,ae,e9,01,00

[HKEY_USERS\DEFAULT\Software\Microsoft\Windows\CurrentVersion\CloudStore\Store\Cache\DefaultAccount\\$\$windows.data.bluelightreduction.bluelightreductionstate\Current]

"Data"=hex:02,00,00,00,54,83,08,4a,03,ba,d2,01,00,00,00,00,43,42,01,00,10,00,\d0,0a,02,c6,14,b8,8e,9d,d0,b4,c0,ae,e9,01,00

;

-----End cut & paste here-----

10 Best Free(ware) Blue Light Filter tools:

<http://www.winosbite.com/best-free-blue-light-filter/>

Examples:

- f.lux 32-bit for Windows 10/11 adjusts/dims/brightens display/monitor brightness/color temperature (hue) depending on

time of day (warm: sun light) or night (cold: blue light), highly customizable:

<http://justgetflux.com/>

File:

<http://justgetflux.com/dlwin.html>

f.lux FAQ:

<http://justgetflux.com/faq.html>

f.lux Reviews:

<http://www.ghacks.net/2009/04/06/computer-monitor-lighting-software-flux/>

<http://www.ghacks.net/2013/06/01/warm-light-app-f-lux-3-beta-introduces-movie-mode/>

<http://www.ghacks.net/2017/04/05/f-lux-4-brings-presets-and-program-whitelist-2/>

- LightBulb 32-bit for Windows 10/11 adjusts/dims/brightens display/monitor brightness/color temperature (hue) continuously

depending on environment light, highly customizable:

<http://github.com/Tyrrrz/LightBulb/>

Download:

<http://github.com/Tyrrrz/LightBulb/releases/latest/>

LightBulb Review:

<http://www.ghacks.net/2017/04/23/lightbulb-open-source-f-lux-alternative-for-windows/>

- Gammy 32-bit for Windows 10/11 adjusts/dims/brightens display/monitor brightness/color temperature (hue) automatically or

manually, highly customizable:

<http://github.com/Fushko/gammy/>

Download:

<http://github.com/Fushko/gammy/releases/latest/>

Gammy Review:

<http://www.ghacks.net/2020/03/16/gammy-is-an-adaptive-brightness-application-for-windows-and-linux/>

* Turn OFF/block/disable/stop/uninstall/remove +

repair/customize/improve/upgrade Microsoft (Windows) Defender (WD)

background monitors, services, drivers, Windows Security (WS) + Security Center (SC) in Windows 10/11:

<http://technet.microsoft.com/itpro/powershell/windows/defender/set-mpreference/>

<http://www.howtogeek.com/15788/how-to-uninstall-disable-and-remove-windows-defender.-also-how-turn-it-off/>
<http://www.windowscentral.com/how-permanently-disable-windows-defender-windows-10/>
<http://gist.github.com/pe3zx/7c5e0080c3b0869ccba1f1dc2ea0c5e0/>
<http://www.askvg.com/tip-disable-or-remove-windows-defender-security-center-app-in-windows-10/>
<http://admx.help/HKLM/Software/Policies/Microsoft/Windows%20Defender>
<http://admx.help/HKLM/Software/Policies/Microsoft/Windows%20Defender/Real-Time%20Protection>
<http://www.tenforums.com/tutorials/5918-how-turn-off-microsoft-defender-antivirus-windows-10-a.html>
... And then replace these basic/crippled/generic/limited built-in/pre-installed tools with better/professional grade independent/3rd party anti-malware/anti-virus tools [free(ware)]:
<http://www.safetydetectives.com/blog/windows-defender-vs-antiviruses-is-defender-enough-for-you/>
<http://www.safetydetectives.com/blog/best-really-free-antivirus-for-windows/>
<http://www.mdgx.com/vir.htm#AVS>
Examples:
- TotalAV:
<http://www.totalav.com/free-download>
- BitDefender:
<http://www.bitdefender.com/solutions/free.html>
- MalwareBytes:
<http://www.malwarebytes.com/mwb-download/>
- ClamWin:
<http://clamwin.com/content/view/18/46/>
Turn OFF/block/disable/customize/repair Microsoft (Windows) Defender (WD) tools [free(ware)]:
Defender Control [dControl.exe] for Windows Vista/newer blocks/unblocks Microsoft (Windows) Defender (WD):
<http://www.sordum.org/9480/>
File:
<http://www.sordum.org/files/download/d-control/dControl.zip>
Screen shot:
http://www.sordum.org/wp-content/uploads/2021/01/defender_control_menu.png
Defender Exclusion Tool (DET) [ExcTool.exe] removes/adds file(s)/folder(s) from/to Microsoft (Windows) Defender lists of scanned/exceptions apps/executables/programs/residents/services/tasks/tools to avoid critical errors/slow performance/false positives/erratic behavior:
<http://www.sordum.org/10636/>
File:
<http://www.sordum.org/files/download/defender-exclusion-tool/ExcTool.zip>
1st Things 1st:

BACKUP YOUR REGISTRY BEFORE MAKING ANY CHANGES! -> See "BACKUP/EXPORT + RESTORE/IMPORT REGISTRY/REGISTRY KEY(S)" in WINDOWS7.TXT (included):
<http://www.mdgx.com/7.php#:~:text=BACKUP%2FEXPORT%20%2B%20RESTORE%2FIMPORT%20REGISTRY%2FREGISTRY%20KEY%28S%29%20%21>
TIP:
Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer
<http://www.mdgx.com/toy.htm#TXT>
to create a plain text Registry file containing the lines between Cut & Paste delimiters below -> save it as plain text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click it -> Run as Administrator -> answer Yes/OK
to all prompts to register/merge/import its information into your registry.
-----Begin cut & paste here-----
REGEDIT4
[HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows Defender]
"DisableAntiSpyware"=dword:1

"DisableAntiVirus"=dword:1
[HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows Defender\MpEngine]
"MpEnablePus"=dword:0
[HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows Defender\Real-Time Protection]
"DisableScanOnRealttimeEnable"=dword:1
"DisableRealttimeMonitoring"=dword:1
"DisableRawWriteNotification"=dword:1
"DisableOnAccessProtection"=dword:1
"DisableIOAVProtection"=dword:1
"DisableBehaviorMonitoring"=dword:1
"LocalSettingOverrideDisableIntrusionPreventionSystem"=dword:1
"DisableIntrusionPreventionSystem"=dword:1
"DisableInformationProtectionControl"=dword:1
[HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows Defender\Reporting]
"DisableEnhancedNotifications"=dword:1
[HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows Defender\SpyNet]
"DisableBlockAtFirstSeen"=dword:1
"SpynetReporting"=dword:0
"SubmitSamplesConsent"=dword:0
[HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows Defender Security Center\Notifications]
"DisableEnhancedNotifications"=dword:1
[HKEY_LOCAL_MACHINE\System\CurrentControlSet\Control\WMI\Autologger\DefenderApiLogger]
"Start"=dword:0
[HKEY_LOCAL_MACHINE\System\CurrentControlSet\Control\WMI\Autologger\DefenderAuditLogger]
"Start"=dword:0
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\StartupApproved\Run]
"Windows Defender"=-
"WindowsDefender"=-
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Run]
"Windows Defender"=-
"WindowsDefender"=-
[HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Run]
"Windows Defender"=-
"WindowsDefender"=-
[-HKEY_LOCAL_MACHINE\SOFTWARE\System\CurrentControlSet\Services\wscsvc\Security]
[HKEY_LOCAL_MACHINE\SOFTWARE\System\CurrentControlSet\Services\wscsvc]
"LaunchProtected"=dword:0
"UserServiceFlags"=dword:0
"Start"=dword:4
[-HKEY_LOCAL_MACHINE\SOFTWARE\System\CurrentControlSet\Services\WdBoot\Security]
[HKEY_LOCAL_MACHINE\SOFTWARE\System\CurrentControlSet\Services\WdBoot]
"LaunchProtected"=dword:0
"UserServiceFlags"=dword:0
"Start"=dword:4
[-HKEY_LOCAL_MACHINE\SOFTWARE\System\CurrentControlSet\Services\WdFilter\Security]
[HKEY_LOCAL_MACHINE\SOFTWARE\System\CurrentControlSet\Services\WdFilter]
"LaunchProtected"=dword:0
"UserServiceFlags"=dword:0
"Start"=dword:4
[-HKEY_LOCAL_MACHINE\SOFTWARE\System\CurrentControlSet\Services\WdNisDrv\Security]
[HKEY_LOCAL_MACHINE\SOFTWARE\System\CurrentControlSet\Services\WdNisDrv]
"LaunchProtected"=dword:0
"UserServiceFlags"=dword:0
"Start"=dword:4
[-HKEY_LOCAL_MACHINE\SOFTWARE\System\CurrentControlSet\Services\WdNisSvc\Security]
[HKEY_LOCAL_MACHINE\SOFTWARE\System\CurrentControlSet\Services\WdNisSvc]

```
"LaunchProtected"=dword:0
"UserServiceFlags"=dword:0
"Start"=dword:4
[-HKEY_LOCAL_MACHINE\SOFTWARE\System\CurrentControlSet\Services\WinDefend\
Security]
[HKEY_LOCAL_MACHINE\SOFTWARE\System\CurrentControlSet\Services\WinDefend]
"LaunchProtected"=dword:0
"UserServiceFlags"=dword:0
"Start"=dword:4
[-HKEY_LOCAL_MACHINE\SOFTWARE\System\CurrentControlSet\Services\
SecurityHealthService\Security]
[HKEY_LOCAL_MACHINE\SOFTWARE\System\CurrentControlSet\Services\
SecurityHealthService]
"LaunchProtected"=dword:0
"UserServiceFlags"=dword:0
"Start"=dword:4
[-HKEY_LOCAL_MACHINE\SOFTWARE\System\ControlSet001\Services\wscsvc\Security]
[HKEY_LOCAL_MACHINE\SOFTWARE\System\ControlSet001\Services\wscsvc]
"LaunchProtected"=dword:0
"UserServiceFlags"=dword:0
"Start"=dword:4
[-HKEY_LOCAL_MACHINE\SOFTWARE\System\ControlSet001\Services\WdBoot\Security]
[HKEY_LOCAL_MACHINE\SOFTWARE\System\ControlSet001\Services\WdBoot]
"LaunchProtected"=dword:0
"UserServiceFlags"=dword:0
"Start"=dword:4
[-HKEY_LOCAL_MACHINE\SOFTWARE\System\ControlSet001\Services\WdFilter\Security]
[HKEY_LOCAL_MACHINE\SOFTWARE\System\ControlSet001\Services\WdFilter]
"LaunchProtected"=dword:0
"UserServiceFlags"=dword:0
"Start"=dword:4
[-HKEY_LOCAL_MACHINE\SOFTWARE\System\ControlSet001\Services\WdNisDrv\Security]
[HKEY_LOCAL_MACHINE\SOFTWARE\System\ControlSet001\Services\WdNisDrv]
"LaunchProtected"=dword:0
"UserServiceFlags"=dword:0
"Start"=dword:4
[-HKEY_LOCAL_MACHINE\SOFTWARE\System\ControlSet001\Services\WdNisSvc\Security]
[HKEY_LOCAL_MACHINE\SOFTWARE\System\ControlSet001\Services\WdNisSvc]
"LaunchProtected"=dword:0
"UserServiceFlags"=dword:0
"Start"=dword:4
[-HKEY_LOCAL_MACHINE\SOFTWARE\System\ControlSet001\Services\WinDefend\Security]
[HKEY_LOCAL_MACHINE\SOFTWARE\System\ControlSet001\Services\WinDefend]
"LaunchProtected"=dword:0
"UserServiceFlags"=dword:0
"Start"=dword:4
[-HKEY_LOCAL_MACHINE\SOFTWARE\System\ControlSet001\Services\
SecurityHealthService\Security]
[HKEY_LOCAL_MACHINE\SOFTWARE\System\ControlSet001\Services\
SecurityHealthService]
"LaunchProtected"=dword:0
"UserServiceFlags"=dword:0
"Start"=dword:4
[-HKEY_LOCAL_MACHINE\SOFTWARE\System\ControlSet002\Services\wscsvc\Security]
[HKEY_LOCAL_MACHINE\SOFTWARE\System\ControlSet002\Services\wscsvc]
"LaunchProtected"=dword:0
"UserServiceFlags"=dword:0
"Start"=dword:4
[-HKEY_LOCAL_MACHINE\SOFTWARE\System\ControlSet002\Services\WdBoot\Security]
[HKEY_LOCAL_MACHINE\SOFTWARE\System\ControlSet002\Services\WdBoot]
"LaunchProtected"=dword:0
"UserServiceFlags"=dword:0
"Start"=dword:4
[-HKEY_LOCAL_MACHINE\SOFTWARE\System\ControlSet002\Services\WdFilter\Security]
```

```

[HKEY_LOCAL_MACHINE\SOFTWARE\System\ControlSet002\Services\WdFilter]
"LaunchProtected"=dword:0
"UserServiceFlags"=dword:0
"Start"=dword:4
[-HKEY_LOCAL_MACHINE\SOFTWARE\System\ControlSet002\Services\WdNisDrv\Security]
[HKEY_LOCAL_MACHINE\SOFTWARE\System\ControlSet002\Services\WdNisDrv]
"LaunchProtected"=dword:0
"UserServiceFlags"=dword:0
"Start"=dword:4
[-HKEY_LOCAL_MACHINE\SOFTWARE\System\ControlSet002\Services\WdNisSvc\Security]
[HKEY_LOCAL_MACHINE\SOFTWARE\System\ControlSet002\Services\WdNisSvc]
"LaunchProtected"=dword:0
"UserServiceFlags"=dword:0
"Start"=dword:4
[-HKEY_LOCAL_MACHINE\SOFTWARE\System\ControlSet002\Services\WinDefend\Security]
[HKEY_LOCAL_MACHINE\SOFTWARE\System\ControlSet002\Services\WinDefend]
"LaunchProtected"=dword:0
"UserServiceFlags"=dword:0
"Start"=dword:4
[-HKEY_LOCAL_MACHINE\SOFTWARE\System\ControlSet002\Services\
SecurityHealthService\Security]
[HKEY_LOCAL_MACHINE\SOFTWARE\System\ControlSet002\Services\
SecurityHealthService]
"LaunchProtected"=dword:0
"UserServiceFlags"=dword:0
"Start"=dword:4
;
-----End cut & paste here-----

```

* Turn OFF/disable Narrator [Narrator.exe], prevent it from starting before/after sign-in/log in, quick start, keyboard shortcuts + online services in Windows 7/newer:

<http://www.tenforums.com/tutorials/88188-turn-off-narrator-windows-10-a.html>
<http://www.tenforums.com/tutorials/113745-turn-off-start-narrator-after-sign-windows-10-a.html>
<http://www.tenforums.com/tutorials/120822-turn-off-narrator-caps-lock-warnings-while-typing-windows-10-a.html>
<http://www.winaero.com/disable-narrator-home-in-windows-10/>
<http://www.winaero.com/download-start-narrator-before-sign-in/>
<http://www.winaero.com/disable-narrator-keyboard-shortcut-windows-10/>
<http://www.winaero.com/disable-narrator-quickstart-guide-windows-10/>
<http://www.winaero.com/start-narrator-before-sign-windows-10/>
<http://www.howtoedge.com/disable-online-services-for-narrator-in-windows-10/>
<http://www.pccerror-fix.com/complete-steps-to-disable-and-enable-narrator-in-windows-10/>
<http://www.techjunkie.com/turn-off-narrator/>

Narrator [NARRATOR.EXE] is located in the %WinDir%\SYSTEM32 directory/folder [where %WinDir% = usually C:\WINDOWS].

- Windows 10/11 users: Run... [hold WinKey + press R] -> type this command:
ms-settings:easeofaccess-narrator
-> press Enter -> Narrator settings -> turn OFF/ON or tweak the ones you want:
<http://support.microsoft.com/help/22798/>

- Windows 7/8/8.1 users:
<http://www.thewindowsclub.com/narrator-in-windows-8-7/>

TIP:
Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer
<http://www.mdgx.com/toy.htm#TXT>
to create a plain text Registry file containing the lines between Cut & Paste delimiters below -> save it as plain text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click it -> Run as Administrator -> answer Yes/OK to all prompts to register/merge/import its information into your registry.

-----Begin cut & paste here-----
REGEDIT4

```

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Narrator\NoRoam]
"CapsLockAlert"=dword:2
"OnlineServicesEnabled"=dword:0
"WinEnterLaunchEnabled"=dword:0
[HKEY_CURRENT_USER\Software\Microsoft\Narrator\NoRoam]
"CapsLockAlert"=dword:2
"OnlineServicesEnabled"=dword:0
"WinEnterLaunchEnabled"=dword:0
[HKEY_USERS\.DEFAULT\Software\Microsoft\Narrator\NoRoam]
"CapsLockAlert"=dword:2
"WinEnterLaunchEnabled"=dword:0
"OnlineServicesEnabled"=dword:0
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Accessibility]
"Configuration"=""
[HKEY_CURRENT_USER\Software\Microsoft\Windows NT\CurrentVersion\Accessibility]
"Configuration"=""
[HKEY_USERS\.DEFAULT\Software\Microsoft\Windows NT\CurrentVersion\Accessibility]
"Configuration"=""
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Narrator\NarratorHome]
"AutoStart"=dword:0
[HKEY_CURRENT_USER\Software\Microsoft\Narrator\NarratorHome]
"AutoStart"=dword:0
[HKEY_USERS\.DEFAULT\Software\Microsoft\Narrator\NarratorHome]
"AutoStart"=dword:0
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Narrator\QuickStart]
"SkipQuickStart"=dword:1
[HKEY_CURRENT_USER\Software\Microsoft\Narrator\QuickStart]
"SkipQuickStart"=dword:1
[HKEY_USERS\.DEFAULT\Software\Microsoft\Narrator\QuickStart]
"SkipQuickStart"=dword:1
; * Turn OFF Narrator -> remove semicolon + space [; ] in front of next 2 lines:
; [HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Image File
Execution Options\Narrator.exe]
; "Debugger"="systray.exe"
; * Turn ON Narrator -> remove semicolon + space [; ] in front of next line:
; [-HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Image File
Execution Options\Narrator.exe]
;
-----End cut & paste here-----

```

* Turn OFF + uninstall Miracast Connect Receiver (Connect app) + Project to this PC in Windows 10/11:

<http://www.tenforums.com/tutorials/49088-change-when-ask-project-pc-windows-10-a.html>

<http://www.tenforums.com/tutorials/49466-enable-disable-projecting-pc-windows-10-a.html>

<http://www.tenforums.com/tutorials/157692-install-uninstall-connect-wireless-display-feature-windows-10-a.html>

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer

<http://www.mdgx.com/toy.htm#TXT>

to create a plain text Registry file containing the lines between Cut & Paste delimiters below -> save it as plain

text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click it -> Run as Administrator -> answer Yes/OK

to all prompts to register/merge/import its information into your registry.

-----Begin cut & paste here-----

REGEDIT4

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\MiracastReceiver]
```

```
"ConsentToast"=dword:0
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows\Connect]
```

```
"AllowProjectionToPC"=dword:0
```

```
;
```

-----End cut & paste here-----

Uninstall Miracast Connect Receiver (Connect app) from a DOS console (command prompt) -> right-click CMD shortcut/CMD.EXE ->
Run as Administrator -> run this command -> press Enter:
DISM.EXE /Online /Remove-Capability
/CapabilityName:App.WirelessDisplay.Connect~~~~0.0.1.0
DISM (Deployment Image Servicing and Management) [DISM.EXE] executable is located in the %WinDir%\SYSTEM32 directory/folder
[%WinDir% = usually C:\WINDOWS].
View all directories/folders listed in your system PATH from a DOS console command prompt [%WinDir%\SYSTEM32\CMD.EXE]:
right-click CMD shortcut/CMD.EXE -> Run as Administrator -> type this command
PATH
-> press Enter.

* Turn OFF annoying, undesirable, unnecessary, useless, unwanted Windows 10/11 built-in system/user/"special" directories/folders from Desktop, Explorer, This PC + independent/3rd party similar tools:

<http://www.techspot.com/guides/1703-remove-3d-objects-shortcut-windows-file-explorer/>

<http://superuser.com/questions/1506090/>

<http://learn.microsoft.com/windows/win32/shell/knownfolderid/>

List of system, user + special directories/folders registry values [some are unique to specific Windows NTx editions]:

http://en.wikipedia.org/wiki/Special_folder

Desktop	{B4BFCC3A-DB2C-424C-B029-7FE99A87C641}
This PC	{0AC0837C-BBF8-452A-850D-79D08E667CA7}
Downloads	{374DE290-123F-4565-9164-39C4925E467B}
Documents	{FDD39AD0-238F-46AF-ADB4-6C85480369C7}
Local Downloads	{7d83ee9b-2244-4e70-b1f5-5393042af1e4}
3D Objects	{31C0DD25-9439-4F12-BF41-7FF4EDA38722}
My Music	{4BD8D571-6D19-48D3-BE97-422220080E43}
Local Pictures	{0ddd015d-b06c-45d5-8c4c-f59713854639}
My Pictures	{33E28130-4E1E-4676-835A-98395C3BC3BB}
Local Music	{a0c69a99-21c8-4671-8703-7934162fcf1d}
My Video	{18989B1D-99B5-455B-841C-AB7C74E4DDFC}
Personal	{FDD39AD0-238F-46AF-ADB4-6C85480369C7}
Local Documents	{f42ee2d3-909f-4907-8871-4c22fc0bf756}
Local Videos	{35286a68-3c57-41a1-bbb1-0eae73d76c95}

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer

<http://www.mdgx.com/toy.htm#TXT>

to create a plain text Registry file containing the lines between Cut & Paste delimiters below -> save it as plain

text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click it -> Run as Administrator -> answer Yes/OK

to all prompts to register/merge/import its information into your registry.

-----Begin cut & paste here-----

REGEDIT4

; 3D Objects:

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\MyComputer\NameSpace\{0DB7E03F-FC29-4DC6-9020-FF41B59E513A}]

"System.IsPinnedToNameSpaceTree"=dword:0

; WOW6432Node registry subkey exists only in Windows NTx 64-bit (x64):

[HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\Windows\CurrentVersion\Explorer\MyComputer\NameSpace\{0DB7E03F-FC29-4DC6-9020-FF41B59E513A}]

"System.IsPinnedToNameSpaceTree"=dword:0

[-HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\MyComputer\NameSpace\{0DB7E03F-FC29-4DC6-9020-FF41B59E513A}]

; WOW6432Node registry subkey exists only in Windows NTx 64-bit (x64):

[-HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\Windows\CurrentVersion\Explorer\MyComputer\NameSpace\{0DB7E03F-FC29-4DC6-9020-FF41B59E513A}]

; Documents:

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\

```
MyComputer\NameSpace\{d3162b92-9365-467a-956b-92703aca08af}]
"System.IsPinnedToNameSpaceTree"=dword:0
; WOW6432Node registry subkey exists only in Windows NTx 64-bit (x64):
[HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\Windows\CurrentVersion\
Explorer\MyComputer\NameSpace\{d3162b92-9365-467a-956b-92703aca08af}]
"System.IsPinnedToNameSpaceTree"=dword:0
[-HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\
MyComputer\NameSpace\{d3162b92-9365-467a-956b-92703aca08af}]
; WOW6432Node registry subkey exists only in Windows NTx 64-bit (x64):
[-HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\Windows\CurrentVersion\
Explorer\MyComputer\NameSpace\{d3162b92-9365-467a-956b-92703aca08af}]
; Downloads:
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\
MyComputer\NameSpace\{088e3905-0323-4b02-9826-5d99428e115f}]
"System.IsPinnedToNameSpaceTree"=dword:0
; WOW6432Node registry subkey exists only in Windows NTx 64-bit (x64):
[HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\Windows\CurrentVersion\
Explorer\MyComputer\NameSpace\{088e3905-0323-4b02-9826-5d99428e115f}]
"System.IsPinnedToNameSpaceTree"=dword:0
[-HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\
MyComputer\NameSpace\{088e3905-0323-4b02-9826-5d99428e115f}]
; WOW6432Node registry subkey exists only in Windows NTx 64-bit (x64):
[-HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\Windows\CurrentVersion\
Explorer\MyComputer\NameSpace\{088e3905-0323-4b02-9826-5d99428e115f}]
; Libraries:
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\CLSID\{031E4825-7B94-4dc3-B131-
E946B44C8DD5}]
"System.IsPinnedToNameSpaceTree"=dword:0
; WOW6432Node registry subkey exists only in Windows NTx 64-bit (x64):
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\WOW6432Node\CLSID\{031E4825-7B94-4dc3-B131-
E946B44C8DD5}]
"System.IsPinnedToNameSpaceTree"=dword:0
[HKEY_CURRENT_USER\Software\Classes\CLSID\{031E4825-7B94-4dc3-B131-
E946B44C8DD5}]
"System.IsPinnedToNameSpaceTree"=dword:0
[HKEY_USERS\.DEFAULT\Software\Classes\CLSID\{031E4825-7B94-4dc3-B131-
E946B44C8DD5}]
"System.IsPinnedToNameSpaceTree"=dword:0
[-HKEY_LOCAL_MACHINE\SOFTWARE\Classes\CLSID\{031E4825-7B94-4dc3-B131-
E946B44C8DD5}]
; WOW6432Node registry subkey exists only in Windows NTx 64-bit (x64):
[-HKEY_LOCAL_MACHINE\SOFTWARE\Classes\WOW6432Node\CLSID\{031E4825-7B94-4dc3-
B131-E946B44C8DD5}]
[-HKEY_CURRENT_USER\Software\Classes\CLSID\{031E4825-7B94-4dc3-B131-
E946B44C8DD5}]
[-HKEY_USERS\.DEFAULT\Software\Classes\CLSID\{031E4825-7B94-4dc3-B131-
E946B44C8DD5}]
; Music:
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\
MyComputer\NameSpace\{3dfdf296-dbec-4fb4-81d1-6a3438bcf4de}]
"System.IsPinnedToNameSpaceTree"=dword:0
; WOW6432Node registry subkey exists only in Windows NTx 64-bit (x64):
[HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\Windows\CurrentVersion\
Explorer\MyComputer\NameSpace\{3dfdf296-dbec-4fb4-81d1-6a3438bcf4de}]
"System.IsPinnedToNameSpaceTree"=dword:0
[-HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\
MyComputer\NameSpace\{3dfdf296-dbec-4fb4-81d1-6a3438bcf4de}]
; WOW6432Node registry subkey exists only in Windows NTx 64-bit (x64):
[-HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\Windows\CurrentVersion\
Explorer\MyComputer\NameSpace\{3dfdf296-dbec-4fb4-81d1-6a3438bcf4de}]
; OneDrive:
[HKEY_CLASSES_ROOT\CLSID\{018D5C66-4533-4307-9B53-224DE2ED1FE6}]
"System.IsPinnedToNameSpaceTree"=dword:0
; WOW6432Node registry subkey exists only in Windows NTx 64-bit (x64):
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\CLSID\{018D5C66-4533-4307-9B53-224DE2ED1FE6}]
"System.IsPinnedToNameSpaceTree"=dword:0
[-HKEY_CLASSES_ROOT\CLSID\{018D5C66-4533-4307-9B53-224DE2ED1FE6}]
; WOW6432Node registry subkey exists only in Windows NTx 64-bit (x64):
[-HKEY_CLASSES_ROOT\Wow6432Node\CLSID\{018D5C66-4533-4307-9B53-224DE2ED1FE6}]
; Pictures:
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\
MyComputer\NameSpace\{24ad3ad4-a569-4530-98e1-ab02f9417aa8}]
"System.IsPinnedToNameSpaceTree"=dword:0
; WOW6432Node registry subkey exists only in Windows NTx 64-bit (x64):
[HKEY_LOCAL_MACHINE\SOFTWARE\wow6432Node\Microsoft\Windows\CurrentVersion\
Explorer\MyComputer\NameSpace\{24ad3ad4-a569-4530-98e1-ab02f9417aa8}]
"System.IsPinnedToNameSpaceTree"=dword:0
[-HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\
MyComputer\NameSpace\{24ad3ad4-a569-4530-98e1-ab02f9417aa8}]
; WOW6432Node registry subkey exists only in Windows NTx 64-bit (x64):
[-HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\Windows\CurrentVersion\
Explorer\MyComputer\NameSpace\{24ad3ad4-a569-4530-98e1-ab02f9417aa8}]
; Videos:
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\
MyComputer\NameSpace\{f86fa3ab-70d2-4fc7-9c99-fcbf05467f3a}]
"System.IsPinnedToNameSpaceTree"=dword:0
; WOW6432Node registry subkey exists only in Windows NTx 64-bit (x64):
[HKEY_LOCAL_MACHINE\SOFTWARE\wow6432Node\Microsoft\Windows\CurrentVersion\
Explorer\MyComputer\NameSpace\{f86fa3ab-70d2-4fc7-9c99-fcbf05467f3a}]
"System.IsPinnedToNameSpaceTree"=dword:0
[-HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\
MyComputer\NameSpace\{f86fa3ab-70d2-4fc7-9c99-fcbf05467f3a}]
; WOW6432Node registry subkey exists only in Windows NTx 64-bit (x64):
[-HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\Windows\CurrentVersion\
Explorer\MyComputer\NameSpace\{f86fa3ab-70d2-4fc7-9c99-fcbf05467f3a}]
; 0 / 1 Enumeration:
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\
AllowedEnumeration]
"{0AC0837C-BBF8-452A-850D-79D08E667CA7}"=dword:1
"{B4BFCC3A-DB2C-424C-B029-7FE99A87C641}"=dword:1
"{374DE290-123F-4565-9164-39C4925E467B}"=dword:1
"{FDD39AD0-238F-46AF-ADB4-6C85480369C7}"=dword:0
"{7d83ee9b-2244-4e70-b1f5-5393042af1e4}"=dword:0
"{31C0DD25-9439-4F12-BF41-7FF4EDA38722}"=dword:0
"{4BD8D571-6D19-48D3-BE97-422220080E43}"=dword:0
"{0ddd015d-b06c-45d5-8c4c-f59713854639}"=dword:0
"{33E28130-4E1E-4676-835A-98395C3BC3BB}"=dword:0
"{a0c69a99-21c8-4671-8703-7934162fcf1d}"=dword:0
"{18989B1D-99B5-455B-841C-AB7C74E4DDFC}"=dword:0
"{FDD39AD0-238F-46AF-ADB4-6C85480369C7}"=dword:0
"{f42ee2d3-909f-4907-8871-4c22fc0bf756}"=dword:0
"{35286a68-3c57-41a1-bbb1-0eae73d76c95}"=dword:0
[HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Explorer\
AllowedEnumeration]
"{0AC0837C-BBF8-452A-850D-79D08E667CA7}"=dword:1
"{B4BFCC3A-DB2C-424C-B029-7FE99A87C641}"=dword:1
"{374DE290-123F-4565-9164-39C4925E467B}"=dword:1
"{FDD39AD0-238F-46AF-ADB4-6C85480369C7}"=dword:0
"{7d83ee9b-2244-4e70-b1f5-5393042af1e4}"=dword:0
"{31C0DD25-9439-4F12-BF41-7FF4EDA38722}"=dword:0
"{4BD8D571-6D19-48D3-BE97-422220080E43}"=dword:0
"{0ddd015d-b06c-45d5-8c4c-f59713854639}"=dword:0
"{33E28130-4E1E-4676-835A-98395C3BC3BB}"=dword:0
"{a0c69a99-21c8-4671-8703-7934162fcf1d}"=dword:0
"{18989B1D-99B5-455B-841C-AB7C74E4DDFC}"=dword:0
"{FDD39AD0-238F-46AF-ADB4-6C85480369C7}"=dword:0
"{f42ee2d3-909f-4907-8871-4c22fc0bf756}"=dword:0
"{35286a68-3c57-41a1-bbb1-0eae73d76c95}"=dword:0
```



```

[HKEY_USERS\.DEFAULT\Software\Microsoft\Windows\CurrentVersion\Explorer\
AllowedEnumeration]
"{0AC0837C-BBF8-452A-850D-79D08E667CA7}"=dword:1
"{B4BFCC3A-DB2C-424C-B029-7FE99A87C641}"=dword:1
"{374DE290-123F-4565-9164-39C4925E467B}"=dword:1
"{FDD39AD0-238F-46AF-ADB4-6C85480369C7}"=dword:0
"{7d83ee9b-2244-4e70-b1f5-5393042af1e4}"=dword:0
"{31C0DD25-9439-4F12-BF41-7FF4EDA38722}"=dword:0
"{4BD8D571-6D19-48D3-BE97-422220080E43}"=dword:0
"{0ddd015d-b06c-45d5-8c4c-f59713854639}"=dword:0
"{33E28130-4E1E-4676-835A-98395C3BC3BB}"=dword:0
"{a0c69a99-21c8-4671-8703-7934162fcf1d}"=dword:0
"{18989B1D-99B5-455B-841C-AB7C74E4DDFC}"=dword:0
"{FDD39AD0-238F-46AF-ADB4-6C85480369C7}"=dword:0
"{f42ee2d3-909f-4907-8871-4c22fc0bf756}"=dword:0
"{35286a68-3c57-41a1-bbb1-0eae73d76c95}"=dword:0
; Hide / Show Policy:
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\
FolderDescriptions\{B4BFCC3A-DB2C-424C-B029-7FE99A87C641}\PropertyBag]
"ThisPCPolicy"="Show"
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\
FolderDescriptions\{0AC0837C-BBF8-452A-850D-79D08E667CA7}\PropertyBag]
"ThisPCPolicy"="Show"
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\
FolderDescriptions\{374DE290-123F-4565-9164-39C4925E467B}\PropertyBag]
"ThisPCPolicy"="Show"
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\
FolderDescriptions\{FDD39AD0-238F-46AF-ADB4-6C85480369C7}\PropertyBag]
"ThisPCPolicy"="Hide"
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\
FolderDescriptions\{7d83ee9b-2244-4e70-b1f5-5393042af1e4}\PropertyBag]
"ThisPCPolicy"="Hide"
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\
FolderDescriptions\{31C0DD25-9439-4F12-BF41-7FF4EDA38722}\PropertyBag]
"ThisPCPolicy"="Hide"
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\
FolderDescriptions\{4BD8D571-6D19-48D3-BE97-422220080E43}\PropertyBag]
"ThisPCPolicy"="Hide"
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\
FolderDescriptions\{0ddd015d-b06c-45d5-8c4c-f59713854639}\PropertyBag]
"ThisPCPolicy"="Hide"
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\
FolderDescriptions\{33E28130-4E1E-4676-835A-98395C3BC3BB}\PropertyBag]
"ThisPCPolicy"="Hide"
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\
FolderDescriptions\{a0c69a99-21c8-4671-8703-7934162fcf1d}\PropertyBag]
"ThisPCPolicy"="Hide"
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\
FolderDescriptions\{18989B1D-99B5-455B-841C-AB7C74E4DDFC}\PropertyBag]
"ThisPCPolicy"="Hide"
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\
FolderDescriptions\{FDD39AD0-238F-46AF-ADB4-6C85480369C7}\PropertyBag]
"ThisPCPolicy"="Hide"
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\
FolderDescriptions\{f42ee2d3-909f-4907-8871-4c22fc0bf756}\PropertyBag]
"ThisPCPolicy"="Hide"
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\
FolderDescriptions\{35286a68-3c57-41a1-bbb1-0eae73d76c95}\PropertyBag]
"ThisPCPolicy"="Hide"
;
-----End cut & paste here-----

```

* Turn OFF Sync (Synchronization) settings if not using a Microsoft Azure/Bing/Hotmail/Live/MSN/Microsoft

Start/Outlook/Windows Mail/WIP account, OneDrive/SkyDrive/similar network/remote cloud storage
account/app/membership/service/subscription, connected/linked/networked/shared computer(s)/device(s) and/or interconnected/interdependent accounts/apps/enrollments/memberships/services/subscriptions:
<http://www.tenforums.com/tutorials/4077-turn-off-sync-settings-microsoft-account-windows-10-a.html>
<http://www.tenforums.com/tutorials/117903-enable-disable-syncing-theme-windows-10-sync-your-settings.html>
Run... [hold WinKey + press R] -> type this command:
ms-settings:sync
-> press Enter -> Sync settings -> turn OFF all individual Sync settings -> turn OFF all global Sync settings.

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer

<http://www.mdgx.com/toy.htm#TXT>

to create a plain text Registry file containing the lines between Cut & Paste delimiters below -> save it as plain

text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click it -> Run as Administrator -> answer Yes/OK

to all prompts to register/merge/import its information into your registry.

-----Begin cut & paste here-----

REGEDIT4

[HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows\SettingSync]

"DisablePersonalizationSettingSync"=dword:2

"DisablePersonalizationSettingSyncUserOverride"=dword:1

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\SettingSync]

"EnableQuotaFailureDialog"=dword:0

"ReducePrivileges"=dword:0

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\SettingSync\Groups\Accessibility]

"EnableOnUpgrade"=dword:0

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\SettingSync\Groups\AppSync]

"EnableOnUpgrade"=dword:0

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\SettingSync\Groups\Credentials]

"EnableOnUpgrade"=dword:0

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\SettingSync\Groups\Language]

"EnableOnUpgrade"=dword:0

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\SettingSync\Groups\PackageState]

"EnableOnUpgrade"=dword:0

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\SettingSync\Groups\Personalization]

"EnableOnUpgrade"=dword:0

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\SettingSync\Groups\Windows]

"EnableOnUpgrade"=dword:0

;

-----End cut & paste here-----

* Turn OFF/disable/uninstall OneDrive/SkyDrive in Windows 10/11, unless you are actually using it:

<http://account.cloud.ppi.net/knowledgebase/109/Turn-off-disable-or-uninstall-OneDrive.html>

<http://thegeekpage.com/disable-onedrive/>

<http://www.howtogeek.com/224798/how-to-uninstall-windows-10s-built-in-apps-and-how-to-reinstall-them/>

<http://www.reddit.com/r/windows/comments/3f6gsl/>

<http://web.archive.org/web/20190420050553/http://gist.github.com/CHEF-KOCH/ca8fbf6bb7f6fa7bab06/>

IMPORTANT:

1st backup all files, directories/folders + registry settings below if you plan to use OneDrive/SkyDrive in the future.

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer

<http://www.mdgx.com/toy.htm#TXT>

to create a plain text BATch (.bat) or CoMmanD (.cmd) script file containing the lines between Cut & Paste delimiters below

-> save it as plain text/ASCII file (Encode: -> ANSI) with the BAT (.bat) or CMD (.cmd) extension -> right-click it ->

Run as Administrator -> wait for completion.

-----Begin cut & paste here-----

```
@ECHO OFF
IF NOT "%OS%"=="Windows_NT" GOTO END
SET x86="%SystemRoot%\SYSTEM32\OneDriveSetup.exe"
SET x64="%SystemRoot%\SysWOW64\OneDriveSetup.exe"
TASKKILL.EXE /IM OneDrive.exe /T /F
PING.EXE 127.0.0.1 -n 5
IF EXIST %x64% (
%x64% /uninstall
) else (
%x86% /uninstall
)
PING.EXE 127.0.0.1 -n 5
RD "%UserProfile%\OneDrive" /Q /S
RD "C:\OneDriveTemp" /Q /S
RD "%LocalAppData%\Microsoft\OneDrive" /Q /S
RD "%ProgramData%\Microsoft OneDrive" /Q /S
:END
EXIT
-----End cut & paste here-----
```

TIP:

Windows NTx built-in/default/pre-installed/preset machine/system (apply to all users on the same machine) + local/user (apply only to the current/logged on user) environment variables used for target system/user directories/folders:

<http://www.ss64.com/nt/syntax-variables.html>

<http://pureinfotech.com/list-environment-variables-windows-10/>

<http://www.computerhope.com/issues/ch000549.htm>

- %LocalAppData% = usually %UserProfile%\AppData\Local [same as C:\Users\
%UserName%\AppData\Local] OR

%WinDir%\SYSTEM32\Config\SystemProfile\AppData\Local .

- %ProgramData% = usually C:\ProgramData .

- %ProgramFiles% = usually C:\Program Files [exists in Windows 32-bit (x86) + Windows 64-bit (x64)].

- %ProgramFiles(x86)% = usually C:\Program Files (x86) [exists only in Windows 64-bit (x64)].

- %SystemDrive% = usually C:\ root.

- %SystemRoot% = usually C:\WINDOWS [same as %WinDir%].

- %UserName% = your user name.

- %UserProfile% = usually C:\Users\%UserName% .

- %WinDir% = usually C:\WINDOWS [same as %SystemRoot%].

CAUTION:

Windows operating system (OS) integrity, proper functionality + correct operation *depend* on the *validity* of *all* these variables!

INvalid/wrong parameters can render Windows INoperable or/and UNbootable, and you may have to reinstall from scratch or repair your operating system (OS), eventually using the original storage media containing Windows Setup files!

Some of these variables can be added/customized/deleted/modified by using a Control Panel (CP)/Windows Settings (WS) tool:

Run... [hold WinKey + press R] -> type this command
SystemPropertiesAdvanced.exe
-> press Enter -> Advanced tab -> Environment Variables... button -> edit variables -> highlight respective line -> Edit button -> change parameters -> OK -> OK.
View the list of all your Windows operating system (OS) environment variables from a DOS console command prompt
[%WinDir%\SYSTEM32\CMD.EXE]: right-click CMD shortcut/CMD.EXE -> Run as Administrator -> type this command
SET
-> press Enter.
OR
Save it to a plain text/ASCII (.txt) file: from a DOS console command prompt
[%WinDir%\SYSTEM32\CMD.EXE]: right-click CMD shortcut/CMD.EXE -> Run as Administrator -> type same command above followed by the name of the file (in this example it will be saved in C:\ root)
SET>C:\Windows_Environment_Variables.txt
-> press Enter -> use Notepad/similar/better free(ware) plain text/ASCII editor/viewer
<http://www.mdgx.com/toy.htm#TXT>
to view saved text file contents.
Example of Windows Vista/newer list of relevant environment variables [replace all User_Name instances with your actual user name]:

```

-----snippity-snip-----
ALLUSERSPROFILE=C:\ProgramData
APPDATA=C:\Users\PC\AppData\Roaming [OR: APPDATA=C:\Windows\system32\config\systemprofile\AppData\Roaming]
CommonProgramFiles=C:\Program Files\Common Files
CommonProgramFiles(x86)=C:\Program Files (x86)\Common Files [exists only in Windows 64-bit (x64)]
CommonProgramW6432=C:\Program Files\Common Files
ComSpec=C:\Windows\system32\cmd.exe
DriverData=C:\Windows\System32\Drivers\DriverData
HOMEDRIVE=C:
HOMEPATH=\WINDOWS\SYSTEM32 [OR: HOMEPATH=\Users\User_Name]
LOCALAPPDATA=C:\Users\PC\AppData\Local [OR: LOCALAPPDATA=C:\Windows\system32\config\systemprofile\AppData\Local]
OS=Windows_NT
ProgramData=C:\ProgramData
ProgramFiles=C:\Program Files
ProgramFiles(x86)=C:\Program Files (x86) [exists only in Windows 64-bit (x64)]
ProgramW6432=C:\Program Files
PSModulePath=%ProgramFiles%\WindowsPowerShell\Modules;C:\Windows\system32\WindowsPowerShell\v1.0\Modules
PUBLIC=C:\Users\Public
SystemDrive=C:
SystemRoot=C:\Windows
TEMP=C:\Users\PC\AppData\Local\Temp [OR: TEMP=C:\Windows\TEMP]
TMP=C:\Users\PC\AppData\Local\Temp [OR: TMP=C:\Windows\TEMP]
USERNAME=User_Name
USERPROFILE=C:\Users\User_Name [OR: USERPROFILE=C:\Windows\system32\config\systemprofile]
windir=C:\Windows
-----snippity-snip-----

```

TIP:
Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer
<http://www.mdgx.com/toy.htm#TXT>
to create a plain text Registry file containing the lines between Cut & Paste delimiters below -> save it as plain text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click it -> Run as Administrator -> answer Yes/OK to all prompts to register/merge/import its information into your registry.

-----Begin cut & paste here-----

REGEDIT4

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows\OneDrive]
"DisableFileSync"=dword:1
"DisableFileSyncNGSC"=dword:1
; 3D Objects:
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\
MyComputer\NameSpace\{0DB7E03F-FC29-4DC6-9020-FF41B59E513A}]
"System.IsPinnedToNameSpaceTree"=dword:0
; WOW6432Node registry subkey exists only in Windows NTx 64-bit (x64):
[HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\Windows\CurrentVersion\
Explorer\MyComputer\NameSpace\{0DB7E03F-FC29-4DC6-9020-FF41B59E513A}]
"System.IsPinnedToNameSpaceTree"=dword:0
[-HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\
MyComputer\NameSpace\{0DB7E03F-FC29-4DC6-9020-FF41B59E513A}]
; WOW6432Node registry subkey exists only in Windows NTx 64-bit (x64):
[-HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\Windows\CurrentVersion\
Explorer\MyComputer\NameSpace\{0DB7E03F-FC29-4DC6-9020-FF41B59E513A}]
; OneDrive:
[HKEY_CLASSES_ROOT\CLSID\{018D5C66-4533-4307-9B53-224DE2ED1FE6}]
"System.IsPinnedToNameSpaceTree"=dword:0
; WOW6432Node registry subkey exists only in Windows NTx 64-bit (x64):
[HKEY_CLASSES_ROOT\Wow6432Node\CLSID\{018D5C66-4533-4307-9B53-224DE2ED1FE6}]
"System.IsPinnedToNameSpaceTree"=dword:0
[-HKEY_CLASSES_ROOT\CLSID\{018D5C66-4533-4307-9B53-224DE2ED1FE6}]
; WOW6432Node registry subkey exists only in Windows NTx 64-bit (x64):
[-HKEY_CLASSES_ROOT\Wow6432Node\CLSID\{018D5C66-4533-4307-9B53-224DE2ED1FE6}]
;
```

-----End cut & paste here-----

* Turn ON/enable Check Boxes item selection in Explorer to be able to select all/highlighted/multiple files + (sub)folders in Windows 8/newer:

<http://www.tenforums.com/tutorials/20616-turn-off-select-items-using-check-boxes-windows-10-a.html>

<http://www.dummies.com/computers/operating-systems/windows-10/how-to-use-check-boxes-to-select-files-in-windows-10/>

<http://www.thewindowsclub.com/windows-explorer-disable-checkbox/>

Explorer -> upper right hand corner down arrow -> Expand the Ribbon [hold Ctrl + press F1] -> View tab -> Select Tiles -> check "Item check boxes" box.

OR:

Run... [hold WinKey + press R] -> type this command:

RUNDLL32.EXE SHELL32.DLL,Options_RunDLL 7

OR:

Start button/icon/logo/menu/orb -> Control Panel (CP);

OR:

Run... [hold WinKey + press R] -> type this command:

CONTROL.EXE folders

-> press Enter -> File Explorer Options -> View tab -> Advanced settings: -> check "Use check boxes to select items" box.

Control Panel executable [CONTROL.EXE] is located in the %WinDir%\SYSTEM32 directory/folder [%WinDir% = usually C:\WINDOWS].

View all directories/folders listed in your system PATH from a DOS console command prompt [%WinDir%\SYSTEM32\CMD.EXE]:

right-click CMD shortcut/CMD.EXE -> Run as Administrator -> type this command PATH

-> press Enter.

OR:

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer

<http://www.mdgx.com/toy.htm#TXT>

to create a plain text Registry file containing the lines between Cut & Paste delimiters below -> save it as plain

text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click it -> Run as Administrator -> answer Yes/OK to all prompts to register/merge/import its information into your registry.
-----Begin cut & paste here-----

```
REGEDIT4
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\Advanced]
"AutoCheckSelect"=dword:1
[HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Explorer\Advanced]
"AutoCheckSelect"=dword:1
[HKEY_USERS\.DEFAULT\Software\Microsoft\Windows\CurrentVersion\Explorer\
Advanced]
"AutoCheckSelect"=dword:1
;
```

-----End cut & paste here-----

* Turn OFF/uninstall/remove/disable Windows Store app/automatic updates if not using/planning to use UWP (Universal Windows Platform) apps that depend on them:
<http://www.tenforums.com/tutorials/127437-enable-disable-microsoft-store-apps-windows-10-a.html>
<http://blog.techinline.com/2019/03/19/how-to-disable-or-uninstall-windows-store-in-windows-10/>
<http://www.urtech.ca/2015/09/solved-how-to-disable-the-store-app-in-windows-10/>
<http://www.thewindowsclub.com/disable-automatic-microsoft-store-updates/>
http://en.wikipedia.org/wiki/Universal_Windows_Platform_apps
Right-click PowerShell shortcut or C:\WINDOWS\SYSTEM32\WindowsPowerShell\v1.0\PowerShell.exe [default location in Windows 10/11] -> Run as Administrator -> run this command -> press Enter:
Get-AppXPackage *windowsstore* | Remove-AppXPackage
TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer
<http://www.mdgx.com/toy.htm#TXT>
to create a plain text Registry file containing the lines between Cut & Paste delimiters below -> save it as plain text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click it -> Run as Administrator -> answer Yes/OK to all prompts to register/merge/import its information into your registry.
-----Begin cut & paste here-----

```
REGEDIT4
[HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\WindowsStore]
"DisableStoreApps"=dword:1
"RemoveWindowsStore"=dword:1
"AutoDownload"=dword:2
;
```

-----End cut & paste here-----

* Turn OFF/disable Remote Assistance, Remote (Auto) Connection Manager, Remote Registry, Remote Management (WinRM) + uninstall Quick Assist in Windows 10/11:
<http://www.windowscentral.com/how-disable-remote-assistance-windows-10/>
<http://www.curatrix.co.uk/windows-quick-assist/>
<http://www.tenforums.com/tutorials/116749-enable-disable-remote-assistance-connections-windows.html>
<http://www.winaero.com/disable-remote-assistance-windows-10/>
<http://4sysops.com/archives/remote-control-windows-10-with-quick-assist/>
http://en.wikipedia.org/wiki/Quick_Assist
Quick Assist [quickassist.exe] is located in the %WinDir%\SYSTEM32 directory/folder [%WinDir% = usually C:\WINDOWS].
Run Quick Assist: hold Ctrl + WinKey + press Q keyboard shortcut combo.
Right-click CMD shortcut/CMD.EXE -> Run as Administrator -> run these commands -> press Enter after each line:
NETSH.EXE advfirewall firewall set rule group="Remote Assistance" new enable=no
NETSH.EXE advfirewall firewall set rule group="Remote Administration" new enable=no

```

NETSH.EXE advfirewall firewall set rule group="Remote Desktop" new enable=no
NETSH.EXE advfirewall firewall set rule group="Remote Management" new enable=no
NETSH.EXE advfirewall set allprofiles settings remotemanagement disable
DISM.EXE /Online /Remove-Capability
/CapabilityName:App.Support.QuickAssist~~~~0.0.1.0
DISM (Deployment Image Servicing and Management) [DISM.EXE] executable is
located in the %WinDir%\SYSTEM32 directory/folder
[%WinDir% = usually C:\WINDOWS].
View all directories/folders listed in your system PATH from a DOS console
command prompt [%WinDir%\SYSTEM32\CMD.EXE]:
right-click CMD shortcut/CMD.EXE -> Run as Administrator -> type this command
PATH
-> press Enter.
2nd command above can be performed using PowerShell: right-click PowerShell
shortcut or
C:\WINDOWS\SYSTEM32\windowsPowerShell\v1.0\PowerShell.exe [default location in
Windows 10/11] -> Run as Administrator ->
run this command -> press Enter:
Remove-WindowsCapability -online -name App.Support.QuickAssist~~~~0.0.1.0
See also "Windows (Defender) Firewall (WF) Tweaks + Tools" chapter -> "*"
Control/optimize/secure advanced Windows Firewall
(WF) behavior using Network Shell (NetSh) [NETSH.EXE] DOS console command line
tool in Windows 7/newer:" section in
WINDOWS7.TXT (included):
http://www.mdgx.com/7.php
http://www.mdgx.com/WINDOWS7.TXT
To completely turn OFF/disable all Windows Remote Assistance, Administration,
Desktop + Management services:
TIP:
Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer
http://www.mdgx.com/toy.htm#TXT
to create a plain text BATch (.bat) or CoMmanD (.cmd) script file containing the
lines between Cut & Paste delimiters below
-> save it as plain text/ASCII file (Encode: -> ANSI) with the BAT (.bat) or CMD
(.cmd) extension -> right-click it ->
Run as Administrator -> wait for completion.
-----Begin cut & paste here-----
@ECHO OFF
IF NOT "%OS%"=="Windows_NT" GOTO END
ECHO Y|NET.EXE STOP RasAuto
SC.EXE CONFIG RasAuto START= disabled
ECHO Y|NET.EXE STOP RasMan
SC.EXE CONFIG RasMan START= disabled
ECHO Y|NET.EXE STOP RemoteRegistry
SC.EXE CONFIG RemoteRegistry START= disabled
ECHO Y|NET.EXE STOP RemoteAccess
SC.EXE CONFIG RemoteAccess START= disabled
ECHO Y|NET.EXE STOP WinRM
SC.EXE CONFIG WinRM START= disabled
REG.EXE ADD "HKLM\SYSTEM\CurrentControlSet\Services\RasAuto" /v Start /t
REG_DWORD /d 4 /f
REG.EXE ADD "HKLM\SYSTEM\ControlSet001\Services\RasAuto" /v Start /t
REG_DWORD /d 4 /f
REG.EXE ADD "HKLM\SYSTEM\ControlSet002\Services\RasAuto" /v Start /t
REG_DWORD /d 4 /f
REG.EXE ADD "HKLM\SYSTEM\CurrentControlSet\Services\RasMan" /v Start /t
REG_DWORD /d 4 /f
REG.EXE ADD "HKLM\SYSTEM\ControlSet001\Services\RasMan" /v Start /t REG_DWORD /d
4 /f
REG.EXE ADD "HKLM\SYSTEM\ControlSet002\Services\RasMan" /v Start /t REG_DWORD /d
4 /f
REG.EXE ADD "HKLM\SYSTEM\CurrentControlSet\Services\RemoteRegistry" /v Start /t
REG_DWORD /d 4 /f
REG.EXE ADD "HKLM\SYSTEM\ControlSet001\Services\RemoteRegistry" /v Start /t

```

```

REG_DWORD /d 4 /f
REG.EXE ADD "HKLM\SYSTEM\ControlSet002\Services\RemoteRegistry" /v Start /t
REG_DWORD /d 4 /f
REG.EXE ADD "HKLM\SYSTEM\CurrentControlSet\Services\RemoteAccess" /v Start /t
REG_DWORD /d 4 /f
REG.EXE ADD "HKLM\SYSTEM\ControlSet001\Services\RemoteAccess" /v Start /t
REG_DWORD /d 4 /f
REG.EXE ADD "HKLM\SYSTEM\ControlSet002\Services\RemoteAccess" /v Start /t
REG_DWORD /d 4 /f
REG.EXE ADD "HKLM\SYSTEM\CurrentControlSet\Services\WinRM" /v Start /t REG_DWORD
/d 4 /f
REG.EXE ADD "HKLM\SYSTEM\ControlSet001\Services\WinRM" /v Start /t REG_DWORD /d
4 /f
REG.EXE ADD "HKLM\SYSTEM\ControlSet002\Services\WinRM" /v Start /t REG_DWORD /d
4 /f
:END
EXIT

```

-----End cut & paste here-----

Restart/reboot Windows for all changes to take effect.

To completely disable all Windows Remote Assistance, Administration, Desktop + Management registry settings:

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer

<http://www.mdgx.com/toy.htm#TXT>

to create a plain text Registry file containing the lines between Cut & Paste delimiters below -> save it as plain

text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click it -> Run as Administrator -> answer Yes/OK

to all prompts to register/merge/import its information into your registry.

-----Begin cut & paste here-----

REGEDIT4

; * Turn OFF remote administration/assistance/desktop/management:

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Control\Remote Assistance]

"CreateEncryptedOnlyTickets"=dword:1

"fAllowFullControl"=dword:0

"fAllowToGetHelp"=dword:0

"fEnableChatControl"=dword:0

"MaxTicketExpiry"=dword:0

"MaxTicketExpiryUnits"=dword:0

[HKEY_LOCAL_MACHINE\SOFTWARE\System\ControlSet001\Control\Remote Assistance]

"CreateEncryptedOnlyTickets"=dword:1

"fAllowFullControl"=dword:0

"fAllowToGetHelp"=dword:0

"fEnableChatControl"=dword:0

"MaxTicketExpiry"=dword:0

"MaxTicketExpiryUnits"=dword:0

[HKEY_LOCAL_MACHINE\SOFTWARE\System\ControlSet002\Control\Remote Assistance]

"CreateEncryptedOnlyTickets"=dword:1

"fAllowFullControl"=dword:0

"fAllowToGetHelp"=dword:0

"fEnableChatControl"=dword:0

"MaxTicketExpiry"=dword:0

"MaxTicketExpiryUnits"=dword:0

; * Turn OFF remote administration/assistance/desktop/management services:

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\RasAuto]

"Start"=dword:4

[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Services\RasAuto]

"Start"=dword:4

[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet002\Services\RasAuto]

"Start"=dword:4

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\RasMan]

"Start"=dword:4

[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Services\RasMan]

"Start"=dword:4


```
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet002\Services\RasMan]
"Start"=dword:4
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\RemoteRegistry]
"Start"=dword:4
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Services\RemoteRegistry]
"Start"=dword:4
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet002\Services\RemoteRegistry]
"Start"=dword:4
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\RemoteAccess]
"Start"=dword:4
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Services\RemoteAccess]
"Start"=dword:4
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet002\Services\RemoteAccess]
"Start"=dword:4
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\WinRM]
"Start"=dword:4
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Services\WinRM]
"Start"=dword:4
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet002\Services\WinRM]
"Start"=dword:4
;
-----End cut & paste here-----
```

* Turn OFF Internet Connection Sharing (ICS) [SharedAccess] service + internet/network connection shared control with other/remote entities/user(s) in order to enhance/improve digital/online privacy, safety + security, and reduce risks + vulnerabilities:
<http://www.its.hku.hk/faq/network/remote/disable-ics-win/>
<http://www.windowscentral.com/how-turn-your-windows-10-pc-wireless-hotspot/>
<http://getalltech.com/how-to-enable-disable-internet-connection-sharing-windows/>
<http://www.tenable.com/audits/items/>
 CIS_MS_Windows_7_v3.2.0_Level_1_Bitlocker.audit:40eaa83195178488179b237f745526e6
 /

<http://www.techtarget.com/searchcontentmanagement/tip/7-common-file-sharing-security-risks/>
 Start menu -> Control Panel (CP) -> Network and Sharing Center -> View your active networks -> Connections: -> (double-)click your active connection name link -> Properties button -> Sharing tab -> uncheck these 2 boxes: "Allow other network users to connect through this computer's Internet connection" + "Allow other network users to control or disable the shared Internet connection" -> click OK or press Enter.

TIP:
 Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer
<http://www.mdgx.com/toy.htm#TXT>
 to create a plain text Registry file containing the lines between Cut & Paste delimiters below -> save it as plain text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click it -> Run as Administrator -> answer Yes/OK to all prompts to register/merge/import its information into your registry.
 -----Begin cut & paste here-----

```
REGEDIT4
[-HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\SharedAccess\Security]
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\SharedAccess]
"LaunchProtected"=dword:0
"UserServiceFlags"=dword:0
"Start"=dword:4
[-HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Services\SharedAccess\Security]
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Services\SharedAccess]
"LaunchProtected"=dword:0
"UserServiceFlags"=dword:0
"Start"=dword:4
[-HKEY_LOCAL_MACHINE\SYSTEM\ControlSet002\Services\SharedAccess\Security]
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet002\Services\SharedAccess]
"LaunchProtected"=dword:0
"UserServiceFlags"=dword:0
"Start"=dword:4
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Control\Network\
SharedAccessConnection]
"EnableControl"=dword:0
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Network\SharedAccessConnection]
"EnableControl"=dword:0
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet002\Control\Network\SharedAccessConnection]
"EnableControl"=dword:0
;
-----End cut & paste here-----
Restart/reboot Windows for all changes to take effect.
```

* Save/export + restore/import custom/personal Power plan/scheme settings in Windows 10/11:

<http://www.winaero.com/save-power-plan-settings-text-file-windows-10/>
<http://www.winaero.com/export-import-power-plan-windows-10/>
<http://learn.microsoft.com/windows-hardware/design/device-experiences/powercfg-command-line-options/>
<http://technet.microsoft.com/library/cc748940.aspx>
<http://en.wikipedia.org/wiki/Powercfg>
<http://www.ss64.com/nt/powercfg.html>
<http://web.archive.org/web/20080212041212/http://xpregistry.uw.hu/xpr0035.html>

Perform all these operations from a DOS console (command prompt) -> right-click CMD shortcut/CMD.EXE -> Run as Administrator

-> run these commands -> press Enter after each line (examples):

Save/export active Power scheme custom settings details to text file (example):

```
POWERCFG.EXE /QH>C:\POWER_10\POWER_10.TXT
```

Save/export active Power Scheme Global Unique ID (GUID) number to text file (example):

```
POWERCFG.EXE /L>C:\POWER_10\POWER_10_GUID.TXT
```

Export/save active Power scheme custom settings to binary file [replace GUID_# below with your actual GUID_# number from

POWER_10_GUID.TXT text file above] (example):

```
POWERCFG.EXE /EXPORT "C:\POWER_10\POWER_10.POW" GUID_#
```

Import/restore Power scheme custom settings from POWER_10.POW binary file above:

```
POWERCFG.EXE /IMPORT "C:\POWER_10\POWER_10.POW"
```

Power Configuration (PowerCfg) [POWERCFG.EXE] is located in the %WinDir% directory/folder [%WinDir% = usually C:\WINDOWS].

* Turn ON large Taskbar buttons/icons, Network Taskbar icon, Network Taskbar icon Network flyout + Turn OFF Network Taskbar

icon yellow exclamation sign warnings in Windows 10/11:

<http://www.tenforums.com/tutorials/25233-use-large-small-taskbar-buttons-windows-10-a.html>

<http://www.winaero.com/enable-small-taskbar-buttons-windows-10/>

<http://www.quora.com/How-can-I-use-regedit-to-make-the-taskbar-icons-small-Im-using-unactivated-Windows-10/>

<http://windowsreport.com/windows-10-taskbar-button-width/>

<http://superuser.com/questions/1201848/>

<http://admx.help/?>

Category=Windows_10_2016&Policy=Microsoft.Policies.TaskBar2::HideSCANetwork

<http://www.winaero.com/disable-the-yellow-warning-sign-from-the-network-icon-in-windows-10/>

<http://www.winaero.com/change-network-icon-click-action-in-windows-10/>

<http://www.onmsft.com/how-to/how-fix-network-selector-and-bring-back-flyout-windows-10-build-9869/>

"ReplaceVan" DWORD [REG_DWORD] numeric values (see below):

0 = Network flyout [default];

1 = Network settings [classic = Windows 8 style];

2 = Network drop down [sidebar].

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer
<http://www.mdgx.com/toy.htm#TXT>
to create a plain text Registry file containing the lines between Cut & Paste delimiters below -> save it as plain text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click it -> Run as Administrator -> answer Yes/OK to all prompts to register/merge/import its information into your registry.
-----Begin cut & paste here-----

```
REGEDIT4
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\Advanced]
"TaskbarSmallIcons"=dword:0
[HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Explorer\Advanced]
"TaskbarSmallIcons"=dword:0
[HKEY_USERS\.DEFAULT\Software\Microsoft\Windows\CurrentVersion\Explorer\Advanced]
"TaskbarSmallIcons"=dword:0
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\SideBySide]
"PreferExternalManifest"=dword:0
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Policies\Explorer]
"HideSCANetwork"=dword:0
[HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Policies\Explorer]
"HideSCANetwork"=dword:0
[HKEY_USERS\.DEFAULT\Software\Microsoft\Windows\CurrentVersion\Policies\Explorer]
"HideSCANetwork"=dword:0
[HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows\Network Connections]
"NC_DoNotShowLocalOnlyIcon"=dword:1
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Control Panel\Settings\Network]
"ReplaceVan"=dword:0
;
-----End cut & paste here-----
```

* FIX: Repair Storage service [StorSvc] in Windows 10/11:
<http://answers.microsoft.com/en-us/windows/forum/all/storage-service-in-services-is-always-set-to/a8d9fdeb-75f5-45bf-92e6-45729db08193/>
<http://batcmd.com/windows/10/services/storsvc/>
Reinstall preinstalled/default Store apps by using 1 of these methods, or all 3 if needed:

1. Right-click PowerShell shortcut or C:\WINDOWS\SYSTEM32\WindowsPowerShell\v1.0\PowerShell.exe [default location in Windows 10/11] -> Run as Administrator -> run this command -> press Enter:
Get-AppXPackage -AllUsers | Foreach {Add-AppXPackage -DisableDevelopmentMode -Register "\$(\$_.InstallLocation)\AppXManifest.xml"}
2. Download reinstall-preinstalledApps.zip archive ZIP (.zip) file
<http://download.microsoft.com/download/5/F/0/5F04003A-035E-4A0F-9662-43E32C546F6C/reinstall-preinstalledApps.zip>
-> install 7-Zip unZIPPING/unARCHiving/unRARing tool (free GPL):
<http://www.7-zip.org/>
-> Explorer -> right-click reinstall-preinstalledApps.zip -> select 7-Zip -> select Open archive -> extract
reinstall-preinstalledApps.ps1 PowerShell PS1 (.ps1) script file -> right-click on reinstall-preinstalledApps.ps1 ->
Run as Administrator -> restart/reboot if prompted.

3. Download Appsdagnostic10.diagcab CAB (.cab) archive file
http://web.archive.org/web/20201111182535if_/https://download.microsoft.com/download/F/2/4/F24D0C03-4181-4E5B-A23B-5C3A6B5974E3/Appsdagnostic10.diagcab
-> right-click on Appsdagnostic10.diagcab -> Run as Administrator -> follow steps to repair/reinstall apps ->
restart/reboot if prompted.

Set Storage service [StorSvc] to Manual (on demand: will be started by an app/program/service when needed):

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer

<http://www.mdgx.com/toy.htm#TXT>
to create a plain text BATch (.bat) or CoMmanD (.cmd) script file containing the lines between Cut & Paste delimiters below
-> save it as plain text/ASCII file (Encode: -> ANSI) with the BAT (.bat) or CMD (.cmd) extension -> right-click it ->
Run as Administrator -> wait for completion.

-----Begin cut & paste here-----

```
@ECHO OFF
IF NOT "%OS%"=="Windows_NT" GOTO END
REG.EXE ADD "HKLM\SYSTEM\CurrentControlSet\Services\StorSvc" /v Start /t
REG_DWORD /d 3 /f
REG.EXE ADD "HKLM\SYSTEM\ControlSet001\Services\StorSvc" /v Start /t
REG_DWORD /d 3 /f
REG.EXE ADD "HKLM\SYSTEM\ControlSet002\Services\StorSvc" /v Start /t
REG_DWORD /d 3 /f
:END
EXIT
```

-----End cut & paste here-----

OR:

-----Begin cut & paste here-----

```
@ECHO OFF
IF NOT "%OS%"=="Windows_NT" GOTO END
ECHO Y|NET.EXE START StorSvc
SC.EXE CONFIG StorSvc START= demand
:END
EXIT
```

-----End cut & paste here-----

OR:

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer

<http://www.mdgx.com/toy.htm#TXT>

to create a plain text Registry file containing the lines between Cut & Paste

delimiters below -> save it as plain

text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click

it -> Run as Administrator -> answer Yes/OK

to all prompts to register/merge/import its information into your registry.

-----Begin cut & paste here-----

```
REGEDIT4
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\StorSvc]
"Start"=dword:3
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Services\StorSvc]
"Start"=dword:3
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet002\Services\StorSvc]
"Start"=dword:3
;
```

-----End cut & paste here-----

* FIX: Repair/customize/force Windows 7/newer to remember (cache) + store up to 20000 (maximum allowed for all Windows

Vista/newer builds/editions/releases/versions) Folders View instances on

Desktop, in Explorer, Start Menu + everywhere in

the Shell GUI (Graphical User Interface):

<http://www.kapilarya.com/fix-windows-10-wont-remember-folder-view-settings/>

[http://www.tenforums.com/windows-10-news/170119-how-increase-folder-view-](http://www.tenforums.com/windows-10-news/170119-how-increase-folder-view-settings-cache-memory-size-windows.html)

[settings-cache-memory-size-windows.html](http://www.tenforums.com/windows-10-news/170119-how-increase-folder-view-settings-cache-memory-size-windows.html)

<http://www.thewindowsclub.com/windows-7-forgets-folder-view-settings/>

<http://mspx.kapilarya.com/FIX-Windows-10-Wont-Remember-Folder-View-Settings.png>

Windows 10/11 users:

Explorer -> go to any directory/folder located on 1 of your

drives/partitions/volumes (if more than 1) -> select desired

option:

Extra Large Icons

Large Icons

Medium Icons

Small Icons

List

Details

Tiles

Content

-> View -> Options -> Change directory/folder and search options -> View tab -> click "Apply to Folders" button -> Apply/OK

-> repeat steps above for all your drives/partitions/volumes (if more than 1).

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer

<http://www.mdgx.com/toy.htm#TXT>

to create a plain text Registry file containing the lines between Cut & Paste delimiters below -> save it as plain

text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click it -> Run as Administrator -> answer Yes/OK

to all prompts to register/merge/import its information into your registry.

-----Begin cut & paste here-----

```
REGEDIT4
```

```
; "BagMRU Size" DWORD [REG_DWORD] hexadecimal (binary) value corresponds to 20000 (decimal) cached Folder View instances:
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\Local Settings\Software\Microsoft\Windows\Shell]
```

```
"BagMRU Size"=dword:00004e20
```

```
[HKEY_CURRENT_USER\Software\Classes\Local Settings\Software\Microsoft\Windows\Shell]
```

```
"BagMRU Size"=dword:00004e20
```

```
[HKEY_USERS\.DEFAULT\Software\Classes\Local Settings\Software\Microsoft\Windows\Shell]
```

```
"BagMRU Size"=dword:00004e20
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\Local Settings\Software\Microsoft\Windows\Shell\BagMRU]
```

```
"BagMRU Size"=dword:00004e20
```

```
[HKEY_CURRENT_USER\Software\Classes\Local Settings\Software\Microsoft\Windows\Shell\BagMRU]
```

```
"BagMRU Size"=dword:00004e20
```

```
[HKEY_USERS\.DEFAULT\Software\Classes\Local Settings\Software\Microsoft\Windows\Shell\BagMRU]
```

```
"BagMRU Size"=dword:00004e20
```

```
;
```

-----End cut & paste here-----

* FIX: Restore corrupted registry + system settings in Windows 10/11:

<http://thegeekpage.com/fix-corrupted-registry-in-windows-10-solved/>

<http://windowsreport.com/windows-10-registry-permissions/>

<http://www.winhelponline.com/blog/edit-registry-offline-windows-re/>

CAUTION:

Use this method ONLY if Windows exhibits major/serious errors, and ONLY if ALL other methods did not work!

Restore the registry to default values from a DOS console (command prompt) -> right-click CMD shortcut/CMD.EXE ->

Run as Administrator -> run this command -> press Enter:

```
DISM.EXE /Online /Cleanup-Image /ScanHealth
```

```
DISM (Deployment Image Servicing and Management) [DISM.EXE] executable is located in the %WinDir%\SYSTEM32 directory/folder
```

```
[%WinDir% = usually C:\WINDOWS].
```

View all directories/folders listed in your system PATH from a DOS console

command prompt [%WinDir%\SYSTEM32\CMD.EXE]:

right-click CMD shortcut/CMD.EXE -> Run as Administrator -> type this command PATH

-> press Enter.

* FIX: (Re)Set/(re)install/repair Windows 10/11 from the blue (pre-)Login Screen, before logging in into Windows:

<http://support.microsoft.com/windows/reset-or-reinstall-windows-10-cd352bd8-4cb6-411a-f2f5-1814bd8d453c>
<http://www.theverge.com/21264104/windows-10-reset-os-reboot-troubleshoot-microsoft/>
<http://www.support.com/how-to/how-to-fix-a-windows-pc-that-keeps-rebooting-12992/>
<http://www.addictivetips.com/windows-tips/how-to-reset-windows-10-from-the-login-screen/>
<http://www.thewindowsclub.com/reset-windows-10/>
<http://www.helpdeskgeek.com/windows-10/how-to-factory-reset-windows-10-without-the-admin-password/>
<http://www.top-password.com/blog/how-to-reset-windows-10-without-logging-in/>
<http://www.winhelp.us/repair-your-computer-in-windows-10.html>
<http://www.yourwindowsguide.com/2016/06/how-to-do-repair-install-using-windows.html>

<http://www.laptopmag.com/articles/repair-windows-10/>
http://answers.microsoft.com/windows/forum/windows_10/how-to-perform-a-clean-install-using-reset-this-pc/6f6335fc-8d15-4598-af16-033d1d8c16bf/
<http://devblogs.microsoft.com/oldnewthing/20161206-00/?p=94865>
<http://www.asus.com/support/FAQ/1013064/>
<http://www.asus.com/support/FAQ/1044563/>
<http://www.makeuseof.com/tag/3-ways-to-reset-the-forgotten-windows-administrator-password/>
<http://www.mydigitallife.net/install-windows-10-windows-8-1-local-account-bypass-microsoft-account-sign/>
PCs/laptops/netbooks/notebooks/portables/tablets/devices with pre-installed Windows 10/11 OEM (Original Equipment Manufacturer) editions can be reset to factory defaults from the manufacturer/vendor hidden partition which contains a pre-installed Windows OS image [refer to your specific vendor documentation/guidelines for details]: login screen -> Power button -> hold Shift + click Restart button -> Troubleshoot button -> Reset this PC button -> Keep my files button -> this reinstalls Windows 10/11, resets all system settings to their defaults, and keeps all your files/folders + some user settings, desktop icons, and some of your custom system/software settings +/- changes -> restart/reboot normal.
In case this doesn't work, or if you have been locked out of your computer -> Power button -> press repeatedly F9 or F12 (depending on your computer/device/portable brand + model) -> BIOS Setup -> Boot tab/screen -> Windows Boot Manager button/item -> Enter -> Recovery -> See advanced repair options button -> Troubleshoot button -> Reset this PC button -> Keep my files button -> reinstall Windows 10/11 (see above) -> restart/reboot normal.

OR Power button -> press repeatedly F3 (depending on your computer/device/portable brand + model) -> See advanced repair options button -> Troubleshoot button -> Reset this PC button -> Keep my files button -> reinstall Windows 10/11 (see above) -> restart/reboot normal.

Afterwards you may need to customize (some of) your hardware/interface/system/user/apps/software settings, and reinstall your 3rd party/custom/favorite app(lication)s/programs/drivers/items, and eventually customize (some of) them again.
But in the end these are minor inconveniences compared to having to reinstall and reconfigure your Windows OS (Operating System) and all your software apps, drivers, programs, games, tools, updates, etc from scratch. ;-/

* FIX: Repair Windows Settings (WS) a.k.a. Immersive Control Panel (ICP) a.k.a. native Control Panel (CP) errors:
<http://windowsreport.com/problems-settings-feature-windows-10/>
<http://www.windowphoneinfo.com/threads/immersive-control-panel-error.288207/>
<http://forums.mydigitallife.net/threads/discussion-windows-10-enterprise-n-ltsc->

* FIX: Perform Windows 10 in-place upgrade:

<http://www.thewindowsclub.com/perform-windows-10-in-place-upgrade/>

* FIX: Explorer (explorer.exe) blank message with Yellow Exclamation Mark on Startup:

<http://www.thewindowsclub.com/explorer-exe-blank-message-with-yellow-exclamation-mark/>

* FIX: Fix Slow File Copy Speed in Windows 10:

<http://thegeekpage.com/fix-slow-file-copy-speed-in-windows-10/>

* FIX: Fix Most Common Windows 10 Problems:

<http://www.securedyou.com/top-common-windows-10-problems-and-solutions/>

* FIX: Repair 7 Windows 10 annoyances:

<http://www.zdnet.com/article/seven-windows-10-annoyances-and-how-to-fix-them/>

* FIX: Block/stop Microsoft from tracking + spying on you behind your back using Windows (Defender) Firewall [W(D)F] custom firewall rules in Windows 7/newer:

<http://www.winaero.com/blog/stop-windows-10-spying-on-you-using-just-windows-firewall/>

File:

<http://www.winaero.com/download.php?view.1839>

http://www.winaero.com/downloads/block_telemetry.zip

1. Use an unZIPping/unARCHiving/unRARing tool [free(ware)]

<http://www.mdgx.com/toy.htm#ZIP>

to open "block_telemetry.zip" archive and extract "add rules.cmd" + "rules.ps1" into the same dedicated/empty directory/folder.

2. Open Explorer/similar/replacement -> right-click "add rules.cmd" -> Run as Administrator -> wait for all W(D)F rules to be created -> exit BATch CoMmanD script file.

3. Done.

* FIX: MDGx customized/tweaked list of all Windows Defender Firewall (WDF)

Inbound + Outbound Core Networking rules [Allowed + Blocked connections] for improved efficiency, performance, and most importantly, increased privacy, safety + security on

my customized/tweaked Windows 10 gaming laptop (examples):

<http://voyager.deanza.edu/~hso/cis170f/lecture/ch08/win08/advanced.html>

<http://www.digitalcitizen.life/manage-rules-windows-firewall-advanced-security/>

1. Start button/icon/logo/menu/orb -> Windows Administrative Tools -> Windows Defender Firewall with Advanced Security ->

Inbound Rules -> Outbound Rules.

2. Control Panel (CP) OR Start button/icon/logo/menu/orb -> Run... [hold WinKey + press R] -> type:

control.exe

-> OK/Enter -> System and Security -> Windows Defender Firewall (WDF) ->

Advanced settings -> Inbound Rules -> Outbound Rules.

3. Start button/icon/logo/menu/orb -> Run... [hold WinKey + press R] -> type:

wf.msc

-> OK/Enter -> Windows Defender Firewall (WDF) with Advanced Security -> Inbound Rules -> Outbound Rules.

ALLOW CONNECTION:

Here are my WDF Core Networking rules set to "Allow the connection", both Inbound + Outbound:

- Inbound Rules [set to "Allow the connection"]:

http://www.mdgx.com/Win10_FW_Inbound_rules.jpg

Core Networking - IPv6 (IPv6-In)

Core Networking - IPHTTPS (TCP-In)
Core Networking - Teredo (UDP-In)
Core Networking - Dynamic Host Configuration Protocol for IPv6(DHCPV6-In)
Core Networking - Dynamic Host Configuration Protocol (DHCP-In)
Core Networking - Destination Unreachable Fragmentation Needed (ICMPv4-In)
Core Networking - Parameter Problem (ICMPv6-In)
Core Networking - Time Exceeded (ICMPv6-In)
Core Networking - Packet Too Big (ICMPv6-In)
Core Networking - Destination Unreachable (ICMPv6-In)
- Outbound Rules [set to "Allow the connection"]:
http://www.mdgx.com/Win10_FW_Outbound_rules.jpg
Core Networking - DNS (UDP-Out)
Core Networking - Group Policy (TCP-Out)
Core Networking - Group Policy (NP-Out)
Core Networking - IPv6 (IPv6-Out)
Core Networking - IPHTTPS (TCP-Out)
Core Networking - Teredo (UDP-Out)
Core Networking - Dynamic Host Configuration Protocol for IPv6(DHCPV6-Out)
Core Networking - Dynamic Host Configuration Protocol (DHCP-Out)
Core Networking - Parameter Problem (ICMPv6-Out)
Core Networking - Time Exceeded (ICMPv6-Out)
Core Networking - Packet Too Big (ICMPv6-Out)

BLOCK CONNECTION:

I have set all other WDF Core Networking rules to "Block the connection", both Inbound + Outbound (examples):

- Inbound Rules [set to "Block the connection"]:
Core Networking - Internet Group Management Protocol (IGMP-In)
Core Networking - Multicast Listener Done (ICMPv6-In)
Core Networking - Multicast Listener Report v2 (ICMPv6-In)
Core Networking - Multicast Listener Report (ICMPv6-In)
Core Networking - Multicast Listener Query (ICMPv6-In)
Core Networking - Router Advertisement (ICMPv6-In)
Core Networking - Router Solicitation (ICMPv6-In)
Core Networking - Neighbor Discovery Advertisement (ICMPv6-In)
Core Networking - Neighbor Discovery Solicitation (ICMPv6-In)
- Outbound Rules [set to "Block the connection"]:
Core Networking - Group Policy (LSASS-Out)
Core Networking - Group Policy (TCP-Out)
Core Networking - Group Policy (NP-Out)
Core Networking - Internet Group Management Protocol (IGMP-Out)
Core Networking - Multicast Listener Done (ICMPv6-Out)
Core Networking - Multicast Listener Report v2 (ICMPv6-Out)
Core Networking - Multicast Listener Report (ICMPv6-Out)
Core Networking - Multicast Listener Query (ICMPv6-Out)
Core Networking - Router Advertisement (ICMPv6-Out)
Core Networking - Router Solicitation (ICMPv6-Out)
Core Networking - Neighbor Discovery Advertisement (ICMPv6-Out)
Core Networking - Neighbor Discovery Solicitation (ICMPv6-Out)

MDGx tweaked Windows 10 gaming laptop specs:

<http://www.mdgx.com/pc.htm#LAP>

NOTE:

All these examples apply strictly to my customized/tweaked computers, devices, operating systems, hardware, software, services + subscriptions requirements, needs + preferences.

You can create a list with all "Core Networking" rules in a plain text/ASCII file: from a DOS console command prompt ->

right-click CMD shortcut/CMD.EXE -> Run as Administrator -> run this command (example):

```
NETSH.EXE advfirewall firewall show rule name=all | FIND.EXE /I "Core Networking  
->>%TEMP%\Win10_FW_Core_Networking_rules.txt
```

-> press Enter.

In this example Win10_FW_Core_Networking_rules.txt is saved in your Temp(orary) [%TEMP%] directory/folder, usually

%UserProfile%\AppData\Local\Temp

OR:

%AppData%\Local\Temp

in Windows Vista/newer, where %UserProfile% = your actual user name.

View your default/preset (unless you changed it) system Temp(orary) [%TEMP%] directory/folder location: from a DOS console

command prompt [%WinDir%\SYSTEM32\CMD.EXE] right-click CMD shortcut/CMD.EXE -> Run as Administrator -> run this command ->

press Enter:

PATH

Scroll down to these 2 environment variables (generic example):

TEMP=C:\Users\User_Name\AppData\Local\Temp

TMP=C:\Users\User_Name\AppData\Local\Temp

User_Name is replaced with your actual user name.

Network Shell (NetSh) [NETSH.EXE] + FIND.EXE are both located in the %WinDir%\SYSTEM32 directory/folder [%WinDir% = usually C:\WINDOWS].

See also MDGx "Windows (Defender) Firewall (WF) Tweaks + Tools" chapter in WINDOWS7.TXT (included):

<http://www.mdgx.com/7.php>

<http://www.mdgx.com/WINDOWS7.TXT>

* FIX: Replace Explorer Breadcrumbs Bar with Full Path Address Bar in Windows 10:

<http://www.winaero.com/show-full-path-address-bar-windows-10-file-explorer/>

* FIX: Backup/repair/reinstall/restart/reset/reregister Start Menu (Layout) + Taskbar,

interconnected/interdependent/interrelated apps + critical errors in Windows 10: Start Menu Experience Host [StartMenuExperienceHost.exe] + Shell Experience Host [ShellExperienceHost.exe]:

<http://superuser.com/questions/955139/>

<http://superuser.com/questions/1106996/>

http://answers.microsoft.com/en-us/windows/forum/windows_10-performance-winpc/howto-reinstall-shellexperiencehost-and/da04d448-bb46-40b1-85db-0fee8cdc915c/

<http://www.winhelponline.com/blog/start-and-taskbar-stuck-windows-10-fix-shellexperiencehost/>

<http://www.kapilarya.com/re-register-start-menu-windows-10/>

<http://davejsteele.wordpress.com/2016/06/27/windows-10-start-menu-tool/>

<http://www.apeswithcomputers.com/article/start-menu-or-applications-wont-launch/>

<http://www.winhelponline.com/blog/start-and-taskbar-stuck-windows-10-fix-shellexperiencehost/>

<http://www.winosbite.com/what-is-startmenuexperiencehost-exe/>

<http://thewindowscentral.com/windows-shell-experience-host-high-cpu-usage/>

<http://www.winaero.com/backup-restore-start-menu-layout-windows-10/>

<http://www.majorgeeks.com/content/page/>

[how_to_backup_and_restore_the_start_menu_in_windows_10.html](http://www.winhelponline.com/blog/backup-start-menu-layout-windows-10/how_to_backup_and_restore_the_start_menu_in_windows_10.html)

<http://www.winhelponline.com/blog/backup-start-menu-layout-windows-10/>

<http://www.top-password.com/blog/tag/restore-start-menu-windows-10/>

<http://www.thewindowsclub.com/system-tray-icons-do-not-work-in-windows-10/>

Winaero Tweaker 32-bit + 64-bit for Windows 7/8/8.1/10/11 [select Portable at install time!]:

<http://www.winaero.com/winaero-tweaker/>

Download:

<http://www.winaero.com/download-winaero-tweaker/>

Winaero Tweaker Features:

<http://www.winaero.com/the-list-of-winaero-tweaker-features/>

Right-click PowerShell shortcut or C:\WINDOWS\SYSTEM32\WindowsPowerShell\v1.0\PowerShell.exe [default location in Windows

10/11] -> Run as Administrator -> run these commands -> press Enter after each line:

```
Get-AppXPackage Microsoft.Windows.StartMenuExperienceHost | Foreach {Add-AppXPackage -DisableDevelopmentMode -Register "$($_.InstallLocation)\AppXManifest.xml"}
```

```

Get-AppXPackage Microsoft.Windows.ShellExperienceHost | Foreach {Add-AppXPackage
-DisableDevelopmentMode -Register "$($_.InstallLocation)\AppXManifest.xml"}
Get-AppXPackage -all *shellexperience* -packagetype bundle |% {add-AppXPackage -
register -DisableDevelopmentMode ($_.installlocation + "\appxmetadata\
appxbundlemanifest.xml")}
Get-AppXPackage -AllUsers | Foreach {Add-AppXPackage -DisableDevelopmentMode -
Register "$($_.InstallLocation)\AppXManifest.xml"}
Download reinstall-preinstalledApps.zip archive ZIP (.zip) file
http://download.microsoft.com/download/5/F/0/5F04003A-035E-4A0F-9662-
43E32C546F6C/reinstall-preinstalledApps.zip
-> install 7-Zip unZIPping/unARCHiving/unRARing tool (free GPL):
http://www.7-zip.org/
-> Explorer -> right-click reinstall-preinstalledApps.zip -> select 7-Zip ->
select Open archive -> extract
reinstall-preinstalledApps.ps1 PowerShell PS1 (.ps1) script file -> right-click
on reinstall-preinstalledApps.ps1 ->
Run as Administrator -> restart/reboot if prompted.
Download Appsdiaagnostic10.diagcab CAB (.cab) archive file
http://web.archive.org/web/20201111182535if_/https://download.microsoft.com/
download/F/2/4/F24D0C03-4181-4E5B-A23B-5C3A6B5974E3/Appsdiaagnostic10.diagcab
-> right-click on Appsdiaagnostic10.diagcab -> Run as Administrator -> follow
steps to repair/reinstall apps ->
restart/reboot if prompted.
Run... [hold WinKey + press R] -> type:
%WinDir%\SystemApps\Microsoft.Windows.StartMenuExperienceHost_cw5n1h2txyewy\
StartMenuExperienceHost.exe
%WinDir%\SystemApps\ShellExperienceHost_cw5n1h2txyewy\ShellExperienceHost.exe
-> press Enter after each line.
Backup + Restore TileDataLayer database (.edb) using a BATch file:
TIP:
Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer
http://www.mdgx.com/toy.htm#TXT
to create a plain text BATch (.bat) or CoMmanD (.cmd) script file containing the
lines between Cut & Paste delimiters below
-> save it as plain text/ASCII file (Encode: -> ANSI) with the BAT (.bat) or CMD
(.cmd) extension -> right-click it ->
Run as Administrator -> wait for completion.
I. Backup TileDataLayer database (.edb):
-----Begin cut & paste here-----
@ECHO OFF
IF NOT "%OS%"=="Windows_NT" GOTO END
TASKKILL.EXE /IM explorer.exe /F /T
C:
CD "C:\Users\%UserName%\AppData\Local\TileDataLayer\Database"
SC.EXE STOP tiledatamodelsvc
MD "%UserProfile%\Desktop\StartMenuBAK"
COPY /Y *.* "%UserProfile%\Desktop\StartMenuBAK"
DEL /F /Q *.*
SC.EXE START tiledatamodelsvc
explorer.exe
:END
EXIT
-----End cut & paste here-----
II. Restore TileDataLayer database (.edb):
-----Begin cut & paste here-----
@ECHO OFF
IF NOT "%OS%"=="Windows_NT" GOTO END
TASKKILL.EXE /IM explorer.exe /F /T
C:
CD "C:\Users\%UserName%\AppData\Local\TileDataLayer\Database"
SC.EXE STOP tiledatamodelsvc
COPY /Y "%UserProfile%\Desktop\StartMenuBAK\*.*"
SC.EXE START tiledatamodelsvc
explorer.exe

```

:END

EXIT

-----End cut & paste here-----

Backup TileDataLayer database (.edb) + related files + directories/folders:

<http://www.exefiles.com/en/edb/vedatamodel-edb/>

<http://superuser.com/questions/1194556/>

List of files + directories/folders:

%UserProfile%\AppData\Local\TileDataLayer\Database\vedatamodel.edb

%WinDir%\ImmersiveControlPanel\Application.manifest

%UserProfile%\AppData\Local\Microsoft\Windows\CloudStore

%UserProfile%\AppData\Local\Microsoft\Windows\Caches

%UserProfile%\AppData\Local\Microsoft\Windows\Explorer

Right-click PowerShell shortcut or C:\WINDOWS\SYSTEM32\WindowsPowerShell\v1.0\PowerShell.exe [default location in Windows

10/11] -> Run as Administrator -> run these commands -> press Enter after each line:

MD "C:\StartLayoutBAK"

Export-StartLayout -Path C:\StartLayoutBAK\start.xml

Import-StartLayout -LayoutPath .\start.xml -MountPath C:\StartLayoutBAK

<http://www.winhelponline.com/blog/backup-start-menu-layout-windows-10/>

Backup Start Menu Layout (BackupSML) 32-bit + 64-bit:

<http://www.sordum.org/10997/>

File:

<http://www.sordum.org/files/downloads.php?backup-start-menu-layout>

<http://www.sordum.org/files/download/backup-start-menu-layout/BackupSML.zip>

StartTileBackup [Backup.bat + Restore.bat]:

<http://github.com/TurboLabIt/StartTileBackup/>

File:

<http://github.com/TurboLabIt/StartTileBackup/releases/latest/>

Troubleshoot Start Menu errors:

<http://learn.microsoft.com/windows/configuration/start-layout-troubleshoot/>

Right-click PowerShell shortcut or C:\WINDOWS\SYSTEM32\WindowsPowerShell\v1.0\PowerShell.exe [default location in Windows

10/11] -> Run as Administrator -> run this command -> press Enter:

get-AppXPackage -Name Microsoft.Windows.ShellExperienceHost

Start Menu issues with Tile Data Layer corruption:

<http://learn.microsoft.com/windows/configuration/start-layout-troubleshoot/>

Download tdlrecover.exe build that matches the Windows NTx operating system(s) [OS(es)] build/edition/release/update/version

+ bit strength [32-bit (x86) +/- 64-bit (x64)] you are using:

<http://www.pconlife.com/viewfileinfo/tdlrecover-exe/>

Copy tdlrecover.exe to %WinDir%\SYSTEM32 (only if not present; do NOT overwrite it if present!) from a DOS console (command

prompt) -> right-click CMD shortcut/CMD.EXE -> Run as Administrator -> run this command -> press Enter (using default

directory/folder names):

COPY "%UserProfile%\Downloads\tdlrecover.exe" %WinDir%\SYSTEM32

Run... [hold WinKey + press R] -> type:

%WinDir%\SYSTEM32\tdlrecover.exe -reregister -resetlayout -resetcache

-> press Enter.

* FIX: Get back/repair/restore Windows Help Viewer (WinHlp32), Windows Help (HLP) + Compiled HTML Help (CHM) functionality in Windows 10/11 -> see MDGx "Restore/Update HTML Help (.CHM) + Windows Help (.HLP) Guides, Fixes + Tools" section in SOFTWARE.TXT (included):

<http://www.mdgx.com/add.htm#HHU>

BUG:

In all Windows Vista/newer builds/editions/releases/versions you canNOT use Windows Help files (*.CNT, *.HLP) because

Microsoft removed Windows Help 32-bit (WinHlp32.exe) from these OSes. :-(\

FIX:

Windows Help Viewer (WinHlp32) for Windows 10/11 restores Windows Help (HLP) + Compiled HTML Help (CHM) functionality:

http://raxsoft.com/raxccm/software_app.php?progid=13

File:

<http://assets.raxsoft.com/bin/winhelp32/winhelp32.msi>

FYI:

Windows 10/2016/2019/11/2022 MS Help (local) + Get Help (online/remote) canNOT function without Edge web browser! :-)

Registry fixes necessary to enable WinHlp32.exe macros, Intranet access + CHM (Compiled HTML Help) XML, XSL, CSS, JPG + PNG functionality:

<http://www.vistax64.com/tutorials/87497-help-support-vista.html>

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer

<http://www.mdgx.com/toy.htm#TXT>

to create a plain text Registry file containing the lines between Cut & Paste delimiters below -> save it as plain

text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click it -> Run as Administrator -> answer Yes/OK

to all prompts to register/merge/import its information into your registry.

-----Begin cut & paste here-----

REGEDIT4

; WinHelp32 Macro FIX for Windows Vista/2008/7/8/8.1 32-bit (x86):

[HKEY_LOCAL_MACHINE\Software\Microsoft\WinHelp]

"AllowProgrammaticMacros"=dword:1

"AllowIntranetAccess"=dword:1

; WinHelp32 Macro FIX for Windows Vista/2008/7/8/8.1 64-bit (x64):

[HKEY_LOCAL_MACHINE\Software\Wow6432Node\Microsoft\WinHelp]

"AllowProgrammaticMacros"=dword:1

"AllowIntranetAccess"=dword:1

; HTML Help (CHM) FIX: XML, XSL, CSS, JPG + PNG for Windows Vista/2008/7/8/8.1:

[HKEY_LOCAL_MACHINE\Software\Classes\.xml]

@="xmlfile"

"Content Type"="text/xml"

"PerceivedType"="text"

[HKEY_LOCAL_MACHINE\Software\Classes\.xml\PersistentHandler]

@="{7E9D8D44-6926-426F-AA2B-217A819A5CCE}"

[HKEY_LOCAL_MACHINE\Software\Classes\.xsl]

@="xslfile"

"Content Type"="text/xml"

"PerceivedType"="text"

[HKEY_LOCAL_MACHINE\Software\Classes\.xsl\PersistentHandler]

@="{7E9D8D44-6926-426F-AA2B-217A819A5CCE}"

[HKEY_LOCAL_MACHINE\Software\Classes\.css]

@="CSSfile"

"Content Type"="text/css"

"PerceivedType"="text"

[HKEY_LOCAL_MACHINE\Software\Classes\.css\PersistentHandler]

@="{eec97550-47a9-11cf-b952-00aa0051fe20}"

[HKEY_LOCAL_MACHINE\Software\Classes\.png]

@="pngfile"

"PerceivedType"="image"

"Content Type"="image/png"

[HKEY_LOCAL_MACHINE\Software\Classes\.png\PersistentHandler]

@="{098f2470-bae0-11cd-b579-08002b30bfeb}"

[HKEY_LOCAL_MACHINE\Software\Classes\.jpg]

@="jpegfile"

"Content Type"="image/jpeg"

"PerceivedType"="image"

[HKEY_LOCAL_MACHINE\Software\Classes\.jpg\OpenWithProgids]

"jpegfile"=""

[HKEY_LOCAL_MACHINE\Software\Classes\.jpg\PersistentHandler]

@="{098f2470-bae0-11cd-b579-08002b30bfeb}"

;

-----End cut & paste here-----

Microsoft FixIt! WinHlp32.exe tools (English, right-click to save!):

- Enable macros FixIt! after installing WinHlp32.exe [964 KB]:

http://web.archive.org/web/20160314054228if_/http://download.microsoft.com/download/7/9/5/7955FD19-CE75-477A-A2BE-3B3E8BD20A04/MicrosoftFixit50105.msi

- Unblock .HLP FixIt! after installing WinHlp32.exe [964 KB]:

http://web.archive.org/web/20170610234444if_/http://download.microsoft.com/download/6/9/F/69FB8CEB-90AA-49EC-ADA5-09EF2A1ACB12/MicrosoftFixit50237.msi

- Windows Update (WU) Error 80070422 .HLP FixIt! after installing WinHlp32.exe [1 MB]:

http://web.archive.org/web/20170503080905if_/http://download.microsoft.com/download/3/5/0/35062C9F-980C-455D-9652-82A4B30888D2/MicrosoftFixit50776.msi

* FIX: Customize Windows 10/11 Taskbar, a.k.a. (system) tray, a.k.a.

notification area, transparency/translucency/opacity,

appearance, arrangement, dimensions, skin, colors, icons, etc:

<http://appuals.com/how-to-make-taskbar-translucent-or-fully-transparent-in-windows-10/>

<http://softwarekeep.com/help-center/how-to-make-the-taskbar-transparent-in-windows-10/>

<http://www.makeuseof.com/tag/windows-10-taskbar-customization/>

<http://www.makeuseof.com/customize-your-taskbar-with-taskbarx/>

Taskbar tweakers (free, open source):

- 7+ Taskbar Tweaker (7TT) 32-bit + 64-bit (Portable) for Windows 7/newer adds hidden + unavailable Taskbar tray settings

beyond Windows capabilities, highly customizable [select Portable at install time]:

<http://ramensoftware.com/7-taskbar-tweaker/>

<http://tweaker.ramensoftware.com/>

File [Install -> select Portable]:

http://ramensoftware.com/downloads/7tt_setup.exe

7+ Taskbar Tweaker (7TT) Portable:

<http://www.portableapps.com/apps/utilities/7plus-taskbar-tweaker-portable/>

7+ Taskbar Tweaker (7TT) Guide:

<http://www.winaero.com/get-a-classic-taskbar-in-windows-8-and-windows-7-that-works-like-xp/>

7+ Taskbar Tweaker (7TT) Advanced Settings:

<http://tweaker.ramensoftware.com/images/7-taskbar-tweaker.png>

7+ Taskbar Tweaker (7TT) Repository:

<http://github.com/m417z/7-Taskbar-Tweaker/>

7+ Taskbar Tweaker (7TT) Windhawk tweak mods for Windows 11 Taskbar:

<http://ramensoftware.com/windhawk-mods-for-the-windows-11-taskbar/>

BUG:

7+ Taskbar Tweaker (7TT) does NOT (yet) support NEWer Windows 11 Taskbar:

<http://ramensoftware.com/7-taskbar-tweaker-and-a-first-look-at-windows-11/>

FIX:

Restore classic Taskbar tray in Windows 11:

<http://ramensoftware.com/7-taskbar-tweaker-on-windows-11-with-windows-10s-taskbar/>

<http://www.winaero.com/winaero-tweaker-1-20-1-get-back-windows-10-start-menu-and-taskbar-in-windows-11/>

1. Install Winaero Tweaker:

<http://www.winaero.com/winaero-tweaker/>

2. Open/run/start Winaero Tweaker.

3. Go to: Windows 11 -> Classic Start Menu and Taskbar -> check "Enable Classic Taskbar and Start menu" box -> click

"Sign out now" button.

4. Log on/sign in back into Windows 11 under same user name.

5. Open/run/start 7+ Taskbar Tweaker (7TT) -> customize/tweak settings according to your needs/preferences -> done.

BONUS:

Windhawk customizes/tweaks Windows 10/11 app(lication)s/programs with mods:

<http://windhawk.net/>

Windhawk Repository:

<http://github.com/ramensoftware/windhawk/>
Windhawk Mods:
<http://windhawk.net/mods/>
Windhawk Mods Repository:
<http://github.com/ramensoftware/windhawk-mods/>
Windhawk Wiki Documentation:
<http://github.com/ramensoftware/windhawk/wiki/>
- TranslucentTB for Windows 10 makes Taskbar/toolbar tray 100% transparent or translucent, highly customizable:
<http://github.com/TranslucentTB/TranslucentTB/releases/latest/>
Requires Microsoft .NET Framework Redistributable (NFR) 4.5/newer:
<http://www.mdgx.com/add.htm#NFR>
Taskbar Transparency Guide:
<http://appuals.com/how-to-make-taskbar-translucent-or-fully-transparent-in-windows-10/>
<http://softwarekeep.com/help-center/how-to-make-the-taskbar-transparent-in-windows-10/>
- TaskbarTools for Windows 10 tweaks Taskbar/toolbar tray on all desktops/monitors to any color + transparency level:
<http://github.com/Elestriel/TaskbarTools/releases/latest/>
Requires Microsoft .NET Framework Redistributable (NFR) 4.5/newer:
<http://www.mdgx.com/add.htm#NFR>
Taskbar Transparency Guide:
<http://appuals.com/how-to-make-taskbar-translucent-or-fully-transparent-in-windows-10/>
<http://softwarekeep.com/help-center/how-to-make-the-taskbar-transparent-in-windows-10/>
- TaskbarX 32-bit + 64-bit customizes Windows 10 Taskbar/toolbar tray:
<http://chrisandriessen.nl/taskbarx>
Download:
<http://github.com/ChrisAnd1998/TaskbarX/releases/latest/>
TaskbarX ReadMe:
<http://github.com/ChrisAnd1998/TaskbarX/>
TaskbarX Guide:
<http://www.makeuseof.com/customize-your-taskbar-with-taskbarx/>
Windows 10 Taskbar Customization:
<http://www.makeuseof.com/tag/windows-10-taskbar-customization/>
- TaskbarCustomizer customizes Windows 10 Taskbar/toolbar tray:
<http://github.com/JustIntroverted/TaskbarCustomizer/>
Download:
<http://github.com/JustIntroverted/TaskbarCustomizer/releases/latest/>
Windows 10 Taskbar Customization:
<http://www.makeuseof.com/tag/windows-10-taskbar-customization/>
- Open-Shell [Classic Shell fork] 32-bit + 64-bit Start Menu + button/icon/logo/orb, Explorer + IE enhancer, replacer, supports custom skins, buttons/logos, highly customizable:
<http://open-shell.github.io/Open-Shell-Menu/>
ReadMe:
<http://github.com/Open-Shell/Open-Shell-Menu/>
Download:
<http://github.com/Open-Shell/Open-Shell-Menu/releases/>
Open-Shell Guides:
<http://askleo.com/open-shell-regain-your-start-menu-in-windows-and-much-more/>
<http://www.techrepublic.com/article/how-to-use-open-shell-as-your-windows-10-start-menu/>

* FIX: NVidia Control Panel Client Missing in Windows 10/11:
<http://www.secureyou.com/fix-nvidia-control-panel-missing-client-windows-solved/>
<http://thegeekpage.com/nvidia-control-panel-not-showing-in-windows-10/>

* FIX: Windows 7/newer NVidia Control Panel optimal settings for laptops/notebooks/portables with dual GPUs (most likely DCH in Windows 10/11) [example: Intel (primary) + NVidia (secondary)] to avoid

annoying apps/programs/games/savers/etc
(especially web browsers, multimedia 3D/audio/video players/editors/managers,
image viewers/editors/managers, games, screen
savers) that sometimes (by default) select the wrong, built-in/integrated, least
powerful (Power Saving) graphics processor
(for example Intel) for software hungry for hardware resources, and sometimes
reset/switch (between) different GPUs/video
modes and reset the active display/monitor unexpectedly, blanking out/flickering
the screen for a few seconds, especially in
the middle of performing critical/essential/vital/important work:

<http://i.imgur.com/SZRQoe2.jpg>

<http://www.howtogeek.com/351522/how-to-choose-which-gpu-a-game-uses-on-windows-10/>

<http://www.dell.com/support/kbdoc/en-us/000178995/>

<http://support.lenovo.com/us/en/solutions/ht071102/>

<http://www.thewindowsclub.com/optimize-nvidia-control-panel-best-settings-for-gaming-performance/>

NVidia Declarative Componentized Hardware (DCH) [say that 10 times fast! ;-/]
Graphic Drivers for Windows 10/11:

http://nvidia.custhelp.com/app/answers/detail/a_id/4777/

Windows 10/11 users only:

Right-click an empty spot on your Desktop -> select NVidia Control Panel (most likely DCH) or run Windows Settings (WS)

<http://www.mdgx.com/WIN10SET.HTM>

-> Display -> Run... [hold WinKey + press R] -> type this command:

ms-settings:display

-> press Enter.

All Windows 7/newer users -> go to:

- 3D Settings -> Configure Surround, PhysX -> PhysX settings -> Processor: -> GeForce/Quadro/Titan GTX/RTX xxxx/Xyyyy -> Apply/OK.

- 3D Settings -> Global Settings -> Preferred graphics processor: -> High-performance NVidia processor -> Apply/OK.

- 3D Settings -> Program settings -> (1) Select a program to customize: -> browse to select a program/app/game/tool ->

(2) Select the preferred graphics processor for this program: -> High-performance NVidia processor (if available or possible) -> Apply/OK.

- Display -> Adjust Desktop Color Settings -> Content type reported to the display: -> Auto-select (recommended) -> Apply/OK.

- Display -> Adjust Desktop Size and Position -> Size -> Select the desktop resize mode reported to the display: ->

Auto-select (recommended) -> Apply/OK.

- Display -> Change Resolution -> (3) Apply the following settings. -> check Use NVidia color settings box -> Desktop color depth: -> Highest (32-bit) -> Output color depth: -> 10 bpc (or highest available) -> Output color format: -> RGB -> Output dynamic range: -> Full (0-255) -> Apply/OK.

Run NVidia Control Panel (most likely DCH in Windows 10) app/executable/shortcut -> Multiple Displays -> press Detect button

-> your monitor name + model/type should appear -> Advanced Display Settings -> Choose display -> Select a display to view

or change the settings for it -> Display adapter properties for Display #1 [#2, etc, if more than 1] -> Monitor tab ->

Monitor Settings -> Screen refresh rate: -> select highest refresh rate available for your monitor from the drop down list

-> Apply/OK.

1st Things 1st:

Make sure you have already upgraded to the current/newest version available of the certified/official [not beta!] NVidia Graphics Driver supported by your NVidia graphics/video card/controller/GPU model/(sub)type and your installed Windows NTx

operating system(s) [OS(es)] build/edition/release/update/version + bit strength [32-bit (x86) +/- 64-bit (x64)]:
<http://www.nvidia.com/download/find.aspx>
<http://www.nvidia.com/download/index.aspx>
Only after that...
Windows 10/11 users only:
NVidia Control Panel (DCH) app for Windows 10/11 [free]:
<http://www.microsoft.com/p/nvidia-control-panel/9nf8h0h7wmlt/>
ms-windows-store://pdp?productId=9nf8h0h7wmlt
http://www.majorgeeks.com/files/details/nvidia_control_panel.html
Intel Graphics Driver (DCH) for Windows 10 [free]:
<http://www.intel.com/content/www/us/en/support/articles/000031572/programs/intel-corporation.html>
<http://www.intel.com/content/www/us/en/support/articles/000031275/graphics.html>
Intel Driver & Support Assistant (DSA):
<http://www.intel.com/content/www/us/en/support/detect.html>
All Windows 7/newer users:
NVidia Profile Inspector (NPI) forces use of High performance NVidia processor on dual GPU laptops/notebooks/portables for apps/games by modifying NVidia internal driver database profiles and accesses hidden/undocumented NVidia driver settings:
<http://www.guru3d.com/files-details/nvidia-profile-inspector-download.html>
<http://github.com/Orbmu2k/nvidiaProfileInspector/>
Download:
<http://github.com/Orbmu2k/nvidiaProfileInspector/releases/latest/>
NVidia Profile Inspector (NPI) Wiki:
http://www.pcgamingwiki.com/wiki/Nvidia_Profile_Inspector

* FIX: NVidia graphics/video (DCH) Drivers install failed + (re)install/update/upgrade NVidia graphics/video Drivers in Windows 10/11:
<http://www.ghacks.net/2017/06/30/install-only-the-driver-for-nvidia-graphics-cards/>
<http://community.spiceworks.com/topic/2164760-driver-not-compatible-with-windows-10/>
<http://www.extremetech.com/gaming/309487-how-to-download-the-nvidia-control-panel-without-the-microsoft-store/>
<http://www.iobit.com/en/knowledge-how-to-fix-nvidia-driver-install-failed-and-update-nvidia-drivers-on-windows-10-152.php>
[http://in.answers.acer.com/app/answers/detail/a_id/38288/~windows-10%3A-disable-signed-driver-enforcement/](http://in.answers.acer.com/app/answers/detail/a_id/38288/~/windows-10%3A-disable-signed-driver-enforcement/)
NVidia Declarative Componentized Hardware (DCH) Graphic Drivers for Windows 10/11:
http://nvidia.custhelp.com/app/answers/detail/a_id/4777/
To be able to install NVidia (Standard) Driver [*not* DCH] on most Windows 10/11 installations [may or may not work]:
<http://www.reddit.com/r/nvidia/comments/by2k6i/>
1. 1st you must UNinstall NVidia (DCH) Driver using 1 of these tools [freeware]:
- Display Driver Uninstaller (DDU):
<http://www.guru3d.com/files-details/display-driver-uninstaller-download.html>
File:
<http://www.guru3d.com/files-get/display-driver-uninstaller-download,19.html>
OR:
- NVCleanstall 32-bit + 64-bit:
<http://www.techpowerup.com/download/techpowerup-nvcleanstall/>
2. Make sure you have already upgraded to the current/newest version available of the certified/official [not beta] NVidia (Standard) Graphics Driver [*not* DCH!] supported by your NVidia graphics/video card/controller/GPU model/(sub)type and your installed Windows NTx operating system(s) [OS(es)] build/edition/release/update/version + bit strength [32-bit (x86) +/- 64-bit (x64)]:
<http://www.nvidia.com/download/find.aspx>
<http://www.nvidia.com/download/index.aspx>

3. Restart/reboot Windows for all changes to take effect.
4. Run NVidia Control Panel (Standard) executable/shortcut [included with NVidia (Standard) Driver] -> customize your graphics/desktop/3D/video/PhysX/program(s)/games/tools/etc settings.

NOTE:

If you wish to install NVidia (DCH) Driver...

NVidia Control Panel (DCH) app for Windows 10/11 [free]:

<http://www.microsoft.com/p/nvidia-control-panel/9nf8h0h7wmlt/>

<ms-windows-store://pdp?productId=9nf8h0h7wmlt>

http://www.majorgeeks.com/files/details/nvidia_control_panel.html

Make sure you have already upgraded to the current/newest version available of the certified/official [not beta!] NVidia

Graphics Driver supported by your NVidia graphics/video card/controller/GPU model/(sub)type and your installed Windows NTx

operating system(s) [OS(es)] build/edition/release/update/version + bit strength [32-bit (x86) +/- 64-bit (x64)]:

<http://www.nvidia.com/download/find.aspx>

<http://www.nvidia.com/download/index.aspx>

Windows 10/11 (DCH) Drivers:

http://www.majorgeeks.com/content/page/what_are_windows_dch_drivers.html

MS DOCs: Windows 10 (DCH) Drivers:

<http://learn.microsoft.com/windows-hardware/drivers/develop/dch-principles-best-practices/>

* FIX: Force apps/programs/games/tools to use high performance NVidia GPU (Graphics Processing Unit) processor and play/render video/movie/CD/DVD/BD/UHD/etc multimedia file types properly on laptops/notebooks/portables with 2 GPUs [Intel + NVidia] in Windows 10/11.

Example using Media Player Classic Home Cinema (MPC-HC) multimedia player [MPC-HC.exe 32-bit or MPC-HC64.exe 64-bit]

installed by K-Lite Codec Pack (KLCP) Mega 32-bit or 64-bit:

http://www.codecguide.com/faq_mpc.htm#item44

<http://www.tenforums.com/tutorials/103965-set-preferred-gpu-apps-windows-10-a.html>

K-Lite Codec Pack (KLCP) Mega [free(ware)]:

http://www.codecguide.com/download_k-lite_codec_pack_mega.htm

1. MPC-HC(64) -> pause file playback (if any) -> right-click -> Options (O) -> Playback -> Output -> DirectShow Video [H/W]

-> Enhanced Video Renderer (EVR) -> Apply/OK.

<http://learn.microsoft.com/windows/win32/directshow/video-mixing-renderer-filter-9/>

2. MPC-HC(64) -> pause file playback (if any) -> click red LAV Video Decoder

Taskbar icon -> Hardware Acceleration [H/W] ->

Hardware Decoder to use: -> DXVA2 (DirectX Video Acceleration 2) (copy-back) ->

Hardware Device to use: -> NVidia GeForce

(GTX) xxxx (example) [*only* if your laptop/netbook/notebook/portable is using an external connected

display/monitor/screen/TV as *primary* display!] -> check *all* Resolutions + Codecs boxes *except* DVD, MPEG-2 + VC-1 ->

Apply/OK.

<http://anime.my/tutorials/watching-h264-videos-using-compute-unified-device-architecture-cuda/>

madVR Tutorial:

<http://anime.my/tutorials/madvr/>

Use NVIDIA Profile Inspector (NPI) -> modify Media Player Classic Home Cinema [MPC-HC(64).exe] profile:

<http://www.guru3d.com/files-details/nvidia-profile-inspector-download.html>

Enable application for Optimus = SHIM_RENDERING_MODE_ENABLE (0x00000001)

1. Copy under a different name or rename your default multimedia video/movie player associated with

video/movie/CD/DVD/BD/UHD/etc file types, in this case Media Player Classic Home Cinema [MPC-HC] executable [MPC-HC.exe

32-bit or MPC-HC64.exe 64-bit] installed by K-Lite Codec Pack (KLCP) Mega 32-bit

or 64-bit,
http://www.codecguide.com/download_k-lite_codec_pack_mega.htm
to something else (example using default KLCP install directories/folders) from
a DOS console (command prompt) ->
right-click CMD shortcut/CMD.EXE -> Run as Administrator -> run 1 of the
commands below depending on your Windows NTx
edition: 64-bit (x64) or 32-bit (x86) -> press Enter (example):
- Windows NTx 64-bit (x64):
COPY /Y "C:\Program Files (x86)\K-Lite Codec Pack\MPC-HC64\mpc-hc64.exe" "C:\Program Files (x86)\K-Lite Codec Pack\MPC-HC64\MPC-HC64_NV.exe"
- Windows NTx 32-bit (x86):
COPY /Y "C:\Program Files\K-Lite Codec Pack\MPC-HC\mpc-hc.exe" "C:\Program Files\K-Lite Codec Pack\MPC-HC\MPC-HC_NV.exe"
2. Right-click an empty spot on your Desktop -> click NVidia Control Panel -> Manage 3D Settings -> Program Settings tab -> Add button -> Browse... button -> depending on your Windows NTx edition: 64-bit (x64) or 32-bit (x86) go to:
- Windows NTx 64-bit (x64):
C:\Program Files (x86)\K-Lite Codec Pack\MPC-HC64\MPC-HC64_NV.exe
- Windows NTx 32-bit (x86):
C:\Program Files\K-Lite Codec Pack\MPC-HC\MPC-HC_NV.exe
-> double-click it -> under Select the preferred graphics processor for this program: -> select High-performance NVidia processor -> Apply/OK button.
3. Make this new MPC-HC(64) executable your new default multimedia player: associate it with your video/movie/CD/DVD/BD/UHD/etc file types from within MPC-HC(64) interface: pause file playback (if any) -> press 0 -> Options -> Player -> Formats -> File extensions -> check/uncheck the boxes corresponding to desired audio/video format(s) -> Apply/OK.

* Customize/Tweak Timeout Detection and Recovery (TDR) registry parameters in case NVidia Graphics Driver crashes or freezes unexpectedly:
<http://learn.microsoft.com/windows-hardware/drivers/display/tdr-registry-keys/>
http://www.reddit.com/r/battlefield_4/comments/1xzzn4/
<http://answers.microsoft.com/en-us/windows/forum/all/registry-fix-for-videotimeoutdetectionandrecovery/deea25d5-d94a-47f8-a09f-be7ce56d5084/>
<http://www.pugetsystems.com/labs/hpc/Working-around-TDR-in-Windows-for-a-better-GPU-computing-experience-777/>
<http://github.com/MicrosoftDocs/windows-driver-docs/issues/1382/>
http://developer.download.nvidia.com/NsightVisualStudio/2.2/Documentation/UserGuide/HTML/Content/Timeout_Detection_Recovery.htm
<http://forum.giga-byte.co.uk/index.php?topic=4547.0>
<http://www.windowsphoneinfo.com/threads/i-modified-some-registry-keys-to-make-graphics-card-optimization-without-hanging-on.153714/>
1st Things 1st:

1. Make sure you have already upgraded to the current/newest stable version available of the certified/official [not beta!] NVidia Graphics Driver supported by your NVidia graphics/video card/controller/GPU model/(sub)type and your installed Windows NTx operating system(s) [OS(es)] build/edition/release/update/version + bit strength [32-bit (x86) +/- 64-bit (x64)]:
<http://www.nvidia.com/download/find.aspx>
<http://www.nvidia.com/download/index.aspx>
2. Backup registry key + its subkeys below:
HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Control\GraphicsDrivers
-> see "BACKUP/EXPORT + RESTORE/IMPORT REGISTRY/REGISTRY KEY(S)" chapter
<http://www.mdgx.com/7.php#:~:text=BACKUP%2FEXPORT%20%2B%20RESTORE%2FIMPORT%20REGISTRY%2FREGISTRY%20KEY%28S%29%20%21>
in WINDOWS7.TXT (included):

<http://www.mdgx.com/7.php>
<http://www.mdgx.com/WINDOWS7.TXT>
Only after that...

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer

<http://www.mdgx.com/toy.htm#TXT>

to create a plain text Registry file containing the lines between Cut & Paste delimiters below -> save it as plain text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click it -> Run as Administrator -> answer Yes/OK to all prompts to register/merge/import its information into your registry.

-----Begin cut & paste here-----

REGEDIT4

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Control\GraphicsDrivers]

"TdrLevel"=dword:0

"TdrDdiDelay"=dword:3c

"TdrDebugMode"=dword:3

"TdrDelay"=dword:3c

"TdrLimitTime"=dword:3c

"TdrLimitCount"=dword:3c

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Control\GraphicsDrivers\BasicDisplay]

"BasicDisplayUserNotified"=dword:0

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Control\GraphicsDrivers\DCI]

"Timeout"=dword:3c

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Control\GraphicsDrivers\TdrWatch]

"TDR_RECOVERY"=dword:1

[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\GraphicsDrivers]

"TdrLevel"=dword:0

"TdrDdiDelay"=dword:3c

"TdrDebugMode"=dword:3

"TdrDelay"=dword:3c

"TdrLimitTime"=dword:3c

"TdrLimitCount"=dword:3c

[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\GraphicsDrivers\BasicDisplay]

"BasicDisplayUserNotified"=dword:0

[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\GraphicsDrivers\DCI]

"Timeout"=dword:3c

[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\GraphicsDrivers\TdrWatch]

"TDR_RECOVERY"=dword:1

[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet002\Control\GraphicsDrivers]

"TdrLevel"=dword:0

"TdrDdiDelay"=dword:3c

"TdrDebugMode"=dword:3

"TdrDelay"=dword:3c

"TdrLimitTime"=dword:3c

"TdrLimitCount"=dword:3c

[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet002\Control\GraphicsDrivers\BasicDisplay]

"BasicDisplayUserNotified"=dword:0

[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet002\Control\GraphicsDrivers\DCI]

"Timeout"=dword:3c

[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet002\Control\GraphicsDrivers\TdrWatch]

"TDR_RECOVERY"=dword:1

;

-----End cut & paste here-----

* FIX: Repair JPEG files (.jpe, .jpeg, .jpg) downloading as JFIF files (.jfi, .jfif, .jif) error in Windows 10/newer:

<http://www.thinkmutoh.com/fix-for-windows-10-jpg-files-download-as-jfif/>

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer

<http://www.mdgx.com/toy.htm#TXT>

to create a plain text Registry file containing the lines between Cut & Paste delimiters below -> save it as plain

text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click it -> Run as Administrator -> answer Yes/OK to all prompts to register/merge/import its information into your registry.
-----Begin cut & paste here-----

REGEDIT4

[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\MIME\Database\Content Type\image/jpeg]

"Extension"=".jpg"

[HKEY_CURRENT_USER\Software\Classes\MIME\Database\Content Type\image/jpeg]

"Extension"=".jpg"

[HKEY_USERS\.DEFAULT\Software\Classes\MIME\Database\Content Type\image/jpeg]

"Extension"=".jpg"

;

-----End cut & paste here-----

Wikipedia: JPEG Files:

http://en.wikipedia.org/wiki/JPEG#JPEG_files

Wikipedia: JFIF Files:

http://en.wikipedia.org/wiki/JPEG_File_Interchange_Format

* FIX: Repair/Restore original (classic) Windows 7/8/8.1/10 Folder (File Explorer) Options (General) View tab settings

(registry values) in Windows 11:

<http://www.winaero.com/how-to-change-file-explorer-options-in-the-registry/>

File [PowerShell (.ps1) BATch scripts]:

<http://www.winaero.com/downloads/2023/06/restore-classic-folder-options.zip>

1. Use an unZIPPING/unARCHiving/unRARing tool [free(ware)]

<http://www.mdgx.com/toy.htm#ZIP>

to open "restore-classic-folder-options.zip" archive and extract "restore-checkboxes.ps1" into a dedicated/empty directory/folder.

2. Open Explorer/similar/replacement -> right-click "restore-checkboxes.ps1" -> Run as Administrator -> wait for PowerShell

BATch script file completion -> exit/quit PowerShell command line console.

3. Done.

Execute/launch/open/run/start Folder (File Explorer) Options (General) View tab to verify original settings have been

restored: from a DOS console command prompt [%WinDir%\SYSTEM32\CMD.EXE]: right-click CMD shortcut/CMD.EXE -> Run as

Administrator -> run this command CONTROL.EXE folders

OR this command

RUNDLL32.EXE SHELL32.DLL,Options_RunDLL 0

-> press Enter.

* Change/Replace Windows 10/11 Start button/icon/logo/orb using Open-Shell

[Classic Shell fork] (free, open source):

<http://askleo.com/open-shell-regain-your-start-menu-in-windows-and-much-more/>
Download:

<http://github.com/Open-Shell/Open-Shell-Menu/releases/>

Custom Start button/icon/logo/orb Tutorial:

<http://coddec.github.io/Classic-Shell/www.classicshell.net/tutorials/buttontutorial.html>

Start Buttons/Orbs:

<http://www.classicshell.net/forum/viewforum.php?f=18>

<http://www.deviantart.com/w1ck3dmatt/art/Mega-Orb-Pack-150-start-orbs-259940654/>

<http://www.door2windows.com/customization/start-buttons/>

* Turn OFF Aero Snap [align (all) open window(s) with screen margins] + Aero Shake [minimize (all) open window(s)] Desktop

features in Windows 7/newer:

<http://www.winaero.com/enable-or-disable-aero-shake-in-windows-10-with-these-methods/>

<http://www.winaero.com/disable-aero-snap-windows-10/>

<http://www.winaero.com/disable-snapping-in-windows-10-but-keep-other-extended-window-management-options/>

<http://www.askvg.com/how-to-disable-aerosnap-in-windows-7/>

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer
<http://www.mdgx.com/toy.htm#TXT>
to create a plain text Registry file containing the lines between Cut & Paste delimiters below -> save it as plain text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click it -> Run as Administrator -> answer Yes/OK to all prompts to register/merge/import its information into your registry.

-----Begin cut & paste here-----

REGEDIT4

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\Advanced]
"DisallowShaking"=dword:1
[HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Explorer\Advanced]
"DisallowShaking"=dword:1
[HKEY_USERS\.DEFAULT\Software\Microsoft\Windows\CurrentVersion\Explorer\
Advanced]
"DisallowShaking"=dword:1
[HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows\Explorer]
"NoWindowMinimizingShortcuts"=dword:1
[HKEY_CURRENT_USER\Software\Policies\Microsoft\Windows\Explorer]
"NoWindowMinimizingShortcuts"=dword:1
[HKEY_USERS\.DEFAULT\Software\Policies\Microsoft\Windows\Explorer]
"NoWindowMinimizingShortcuts"=dword:1
[HKEY_CURRENT_USER\Control Panel\Desktop]
"DockMoving"="0"
"WindowArrangementActive"="0"
[HKEY_USERS\.DEFAULT\Control Panel\Desktop]
"DockMoving"="0"
"WindowArrangementActive"="0"
```

;

-----End cut & paste here-----

* Turn ON Aero Snap [align (all) open window(s) with screen margins] + Aero Shake [minimize (all) open window(s)] Desktop features in Windows 7/newer:
<http://www.winaero.com/enable-or-disable-aero-shake-in-windows-10-with-these-methods/>
<http://www.winaero.com/disable-aero-snap-windows-10/>
<http://www.winaero.com/disable-snapping-in-windows-10-but-keep-other-extended-window-management-options/>
<http://www.askvg.com/how-to-disable-aerosnap-in-windows-7/>

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer
<http://www.mdgx.com/toy.htm#TXT>
to create a plain text Registry file containing the lines between Cut & Paste delimiters below -> save it as plain text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click it -> Run as Administrator -> answer Yes/OK to all prompts to register/merge/import its information into your registry.

-----Begin cut & paste here-----

REGEDIT4

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\Advanced]
"DisallowShaking"=dword:0
[HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Explorer\Advanced]
"DisallowShaking"=dword:0
[HKEY_USERS\.DEFAULT\Software\Microsoft\Windows\CurrentVersion\Explorer\
Advanced]
"DisallowShaking"=dword:0
[HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows\Explorer]
"NoWindowMinimizingShortcuts"=dword:0
[HKEY_CURRENT_USER\Software\Policies\Microsoft\Windows\Explorer]
"NoWindowMinimizingShortcuts"=dword:0
[HKEY_USERS\.DEFAULT\Software\Policies\Microsoft\Windows\Explorer]
"NoWindowMinimizingShortcuts"=dword:0
```

```
[HKEY_CURRENT_USER\Control Panel\Desktop]
"DockMoving"="1"
"WindowArrangementActive"="1"
[HKEY_USERS\.DEFAULT\Control Panel\Desktop]
"DockMoving"="1"
"WindowArrangementActive"="1"
```

```
;
```

-----End cut & paste here-----

* Turn OFF Online Tips and Help for Windows Settings (WS) a.k.a. Immersive Control Panel (ICP) a.k.a. native Control Panel in Windows 10/11:

<http://www.tenforums.com/tutorials/99351-enable-disable-online-tips-help-settings-app-windows-10-a.html>

<http://www.ghacks.net/2018/01/22/disable-online-tips-and-videos-in-the-windows-10-settings-app/>

<http://appuals.com/disable-online-tips-in-windows-settings-app/>

<http://admx.help/?>

Category=Windows_10_2016&Policy=Microsoft.Policies.ControlPanel::AllowOnlineTips
TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer

<http://www.mdgx.com/toy.htm#TXT>

to create a plain text Registry file containing the lines between Cut & Paste delimiters below -> save it as plain

text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click it -> Run as Administrator -> answer Yes/OK

to all prompts to register/merge/import its information into your registry.

-----Begin cut & paste here-----

```
REGEDIT4
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\PolicyManager\default\Settings\AllowOnlineTips]
```

```
"value"=dword:0
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Policies\Explorer]
"AllowOnlineTips"=dword:0
```

```
;
```

-----End cut & paste here-----

* Turn ON Balloon/Info/Popup Tips, Taskbar Badges for buttons/icons, Taskbar Large Icons, Taskbar Animations, Hidden + Super

Hidden files/folders + Show All Folders in Explorer/similar tools, Hidden File Extensions (*.ext) + turn OFF Aero Shake +

Aero Snap to prevent annoying

behind-your-back/out-of-the-blue/unexpected/unwanted aligning + minimizing of (all) open

window(s) in Windows 7/newer:

<http://www.tenforums.com/tutorials/48186-taskbar-buttons-hide-show-badges-windows-10-a.html>

<http://www.groovypost.com/howto/windows-8-7-disable-notification-balloons-taskbar/>

<http://www.howtogeek.com/howto/windows-vista/disable-all-notification-balloons-in-windows-vista/>

<http://www.heelpbook.net/2019/windows-10-disable-notifications-and-notifications-balloons/>

<http://www.technorms.com/24581/>

<http://www.tenforums.com/tutorials/4417-how-enable-disable-aero-shake-windows-10-a.html>

<http://www.winaero.com/enable-or-disable-aero-shake-in-windows-10-with-these-methods/>

<http://www.tenforums.com/tutorials/62842-hide-show-file-name-extensions-windows-10-a.html>

<http://www.howtogeek.com/howto/windows-7/disable-aero-shake-in-windows-7/>

<http://www.tenforums.com/tutorials/7078-turn-off-show-all-folders-windows-10-navigation-pane.html>

<http://www.winaero.com/navigation-pane-show-folders-windows-10/>

<http://www.thewindowsclub.com/turn-on-off-show-all-folders-explorer-navigation-pane/>

<http://www.ss64.com/nt/syntax-reghacks.html>

Start -> Control Panel (CP) or Run... [hold WinKey + press R] -> type: control.exe

-> press Enter -> File (Win10/11)/Windows (Win7/8/8.1) Explorer Options -> View tab -> check/uncheck the boxes corresponding to desired settings -> Apply/OK.

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer

<http://www.mdgx.com/toy.htm#TXT>

to create a plain text Registry file containing the lines between Cut & Paste delimiters below -> save it as plain

text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click it -> Run as Administrator -> answer Yes/OK

to all prompts to register/merge/import its information into your registry.

-----Begin cut & paste here-----

REGEDIT4

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\Advanced]

"DisallowShaking"=dword:1

"EnableBalloonTips"=dword:1

"IconsOnly"=dword:0

"ShowSuperHidden"=dword:1

"Hidden"=dword:1

"HideFileExt"=dword:0

"NavPaneShowAllFolders"=dword:1

"ShowInfoTip"=dword:1

"SuperHidden"=dword:1

"StartButtonBalloonTip"=dword:2

"TaskbarAnimations"=dword:1

"TaskbarBadges"=dword:1

"TaskbarSmallIcons"=dword:0

[HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Explorer\Advanced]

"DisallowShaking"=dword:1

"EnableBalloonTips"=dword:1

"IconsOnly"=dword:0

"ShowSuperHidden"=dword:1

"Hidden"=dword:1

"HideFileExt"=dword:0

"NavPaneShowAllFolders"=dword:1

"ShowInfoTip"=dword:1

"SuperHidden"=dword:1

"StartButtonBalloonTip"=dword:2

"TaskbarAnimations"=dword:1

"TaskbarBadges"=dword:1

"TaskbarSmallIcons"=dword:0

[HKEY_USERS\.DEFAULT\Software\Microsoft\Windows\CurrentVersion\Explorer\Advanced]

"DisallowShaking"=dword:1

"EnableBalloonTips"=dword:1

"IconsOnly"=dword:0

"ShowSuperHidden"=dword:1

"Hidden"=dword:1

"HideFileExt"=dword:0

"NavPaneShowAllFolders"=dword:1

"ShowInfoTip"=dword:1

"SuperHidden"=dword:1

"StartButtonBalloonTip"=dword:2

"TaskbarAnimations"=dword:1

"TaskbarBadges"=dword:1

"TaskbarSmallIcons"=dword:0

;

-----End cut & paste here-----

* Turn OFF Clipboard Experience, Sync + annoying Clipboard Warnings in Windows 10/11:

<http://www.tenforums.com/tutorials/110048-enable-disable-clipboard-sync-across-devices-windows-10-a.html>

<http://pureinfotech.com/disable-clipboard-windows-10/>

<http://pureinfotech.com/sync-clipboard-across-devices-windows-10/>

<http://www.winaero.com/enable-disable-clipboard-history-windows-10/>

Access Clipboard settings: Run... [hold WinKey + press R] -> type this command:
ms-settings:clipboard

-> press Enter -> Sync across devices [must be logged/signed in with Microsoft Azure/Bing/Hotmail/Live/MSN/Microsoft

Start/Outlook/Windows Mail/WIP

e-mail/membership/subscription/enrollment/developer/tester/trial/VIP account!] -> check

"Never automatically sync text that I copy" box -> turn OFF "Sync across devices" ON/OFF toggle switch.

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer

<http://www.mdgx.com/toy.htm#TXT>

to create a plain text Registry file containing the lines between Cut & Paste delimiters below -> save it as plain

text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click

it -> Run as Administrator -> answer Yes/OK

to all prompts to register/merge/import its information into your registry.

-----Begin cut & paste here-----

REGEDIT4

[HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows\System]

"AllowCrossDeviceClipboard"=dword:0

;

-----End cut & paste here-----

NOTE:

These settings do NOT apply to Microsoft/3rd party Office/Excel/Outlook/other apps/programs!

* Turn OFF Mobile Hotspot activation [disable Turn on remotely] + Remote Assistance from another/remote computer/device in

Windows 10:

<http://www.tenforums.com/tutorials/128415-enable-disable-turn-mobile-hotspot-remotely-windows-10-a.html>

<http://www.winaero.com/enable-or-disable-turn-on-mobile-hotspot-remotely-in-windows-10/>

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer

<http://www.mdgx.com/toy.htm#TXT>

to create a plain text Registry file containing the lines between Cut & Paste delimiters below -> save it as plain

text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click

it -> Run as Administrator -> answer Yes/OK

to all prompts to register/merge/import its information into your registry.

-----Begin cut & paste here-----

REGEDIT4

; * Turn OFF remote assistance:

[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Control\Remote Assistance]

"CreateEncryptedOnlyTickets"=dword:1

"fAllowFullControl"=dword:0

"fAllowToGetHelp"=dword:0

"fEnableChatControl"=dword:0

"MaxTicketExpiry"=dword:0

"MaxTicketExpiryUnits"=dword:0

[HKEY_LOCAL_MACHINE\SOFTWARE\System\ControlSet001\Control\Remote Assistance]

"CreateEncryptedOnlyTickets"=dword:1

"fAllowFullControl"=dword:0

"fAllowToGetHelp"=dword:0

"fEnableChatControl"=dword:0


```
"MaxTicketExpiry"=dword:0
"MaxTicketExpiryUnits"=dword:0
[HKEY_LOCAL_MACHINE\SOFTWARE\System\ControlSet002\Control\Remote Assistance]
"CreateEncryptedOnlyTickets"=dword:1
"fAllowFullControl"=dword:0
"fAllowToGetHelp"=dword:0
"fEnableChatControl"=dword:0
"MaxTicketExpiry"=dword:0
"MaxTicketExpiryUnits"=dword:0
; * Turn OFF remote mobile hotspot activation:
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\WcmSvc\Tethering]
"RemoteStartupDisabled"=dword:1
;
-----End cut & paste here-----
See also "Tweaks, Hacks + Fixes... UNconventional, UNdocumented, UNCensored ;-/"
section -> "* Turn OFF/disable Remote
Assistance, Remote (Auto) Connection Manager, Remote Registry, Remote Management
(WinRM) + uninstall Quick Assist in Windows
10/11:" topic further above:
http://www.mdgx.com/10.php
http://www.mdgx.com/WIN10.TXT
```

```
* Turn ON Windows 10/11 Developer Mode to allow to install/use all safe/signed
UWP (Universal Windows Platform) apps from
all sources, including those located on local/removable/remote media/storage,
not exclusively restricted to the ones from
Microsoft store:
http://www.tenforums.com/tutorials/30136-turn-off-developer-mode-windows-10-
a.html
http://techcult.com/enable-or-disable-developer-mode-in-windows-10/
http://admx.help/?
Category=Windows\_10\_2016&Policy=Microsoft.Policies.Appx::AppxDeploymentAllowAllT
rustedApps
http://admx.help/?
Category=Windows\_10\_2016&Policy=Microsoft.Policies.Appx::AllowDevelopmentWithout
DevLicense
http://learn.microsoft.com/windows/apps/get-started/developer-mode-features-and-
debugging/
TIP:
Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer
http://www.mdgx.com/toy.htm#TXT
to create a plain text Registry file containing the lines between Cut & Paste
delimiters below -> save it as plain
text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click
it -> Run as Administrator -> answer Yes/OK
to all prompts to register/merge/import its information into your registry.
```

```
-----Begin cut & paste here-----
REGEDIT4
[HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows\Appx]
"AllowAllTrustedApps"=dword:1
"AllowDevelopmentWithoutDevLicense"=dword:1
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\AppModelUnlock]
"AllowAllTrustedApps"=dword:1
"AllowDevelopmentWithoutDevLicense"=dword:1
;
-----End cut & paste here-----
```

```
* Turn OFF Background Activity Moderator (BAM) [%WinDir%\SYSTEM32\Drivers\
bam.sys] + Desktop Activity Moderator (DAM)
[%WinDir%\SYSTEM32\Drivers\dam.sys] monitor drivers, especially if not using a
laptop/netbook/notebook/portable, and don't
need to save battery power in Windows 10/11:
http://www.cellebrite.com/en/analyzing-program-execution-windows-artifacts/
http://www.andreafortuna.org/2018/05/23/forensic-artifacts-evidences-of-program-
```

execution-on-windows-systems/
<http://batcmd.com/windows/10/services/bam/>
<http://www.crowdstrike.com/blog/how-to-employ-featureusage-for-windows-10-taskbar-forensics/>
<http://learn.microsoft.com/windows/compatibility/desktop-activity-moderator/>
<http://batcmd.com/windows/10/services/dam/>

Disable these 2 drivers (running as services) from a DOS console (command prompt) -> right-click CMD shortcut/CMD.EXE ->

Run as Administrator -> run these commands -> press Enter after each line:

```
ECHO Y|NET.EXE STOP bam
SC.EXE CONFIG bam START= disabled
ECHO Y|NET.EXE STOP dam
SC.EXE CONFIG dam START= disabled
```

OR:

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer

<http://www.mdgx.com/toy.htm#TXT>

to create a plain text Registry file containing the lines between Cut & Paste delimiters below -> save it as plain

text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click it -> Run as Administrator -> answer Yes/OK

to all prompts to register/merge/import its information into your registry.

-----Begin cut & paste here-----

REGEDIT4

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\bam]
```

```
"Start"=dword:4
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Services\bam]
```

```
"Start"=dword:4
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet002\Services\bam]
```

```
"Start"=dword:4
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\dam]
```

```
"Start"=dword:4
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Services\dam]
```

```
"Start"=dword:4
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet002\Services\dam]
```

```
"Start"=dword:4
```

```
;
```

-----End cut & paste here-----

Restart/reboot Windows for all changes to take effect.

* Turn OFF Windows 10 Live/Metro/Screen/Start/Tile (Store) UWP (Universal Windows Platform) battery info fly-out (pop-up) +

restore Windows 8/8.1 (classic) battery info interface for

laptops/notebooks/portables/tablets/devices:

http://www.askvg.com/collection-of-windows-10-hidden-secret-registry-tweaks/#8_disable_new_battery_fly-out_and_restore_previous_ui

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer

<http://www.mdgx.com/toy.htm#TXT>

to create a plain text Registry file containing the lines between Cut & Paste delimiters below -> save it as plain

text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click it -> Run as Administrator -> answer Yes/OK

to all prompts to register/merge/import its information into your registry.

-----Begin cut & paste here-----

REGEDIT4

```
[HKEY_LOCAL_MACHINE\Software\Microsoft\Windows\CurrentVersion\ImmersiveShell]
```

```
"UseWin32BatteryFlyout"=dword:1
```

```
;
```

-----End cut & paste here-----

* Turn OFF Microsoft Application Virtualization [App-V] services + drivers
- Microsoft App-V Client [AppVClient]

<http://batcmd.com/windows/10/services/appvclient/>

- Microsoft App-V VFS Mini-Filter Driver [AppvVfs]
<http://batcmd.com/windows/10/services/appvvfs/>

- Microsoft App-V Virtual Environment Manager Driver [AppvVemgr]
<http://batcmd.com/windows/10/services/appvvemgr/>

- Microsoft App-V Streaming Mini-Filter Driver [AppvStrm]
<http://batcmd.com/windows/10/services/appvstrm/>

in Windows 10/11 if not using any virtual(ly) deployed/streaming client apps/games/tools +/- cloud/server apps/games/tools in connected/linked/networked/shared environments:
<http://learn.microsoft.com/windows/application-management/app-v/appv-for-windows/>
<http://learn.microsoft.com/powershell/module/appvclient/>
<http://learn.microsoft.com/microsoft-desktop-optimization-pack/>
http://en.wikipedia.org/wiki/Microsoft_App-V

Disable AppVClient service and these 3 App-V drivers (running as services) from a DOS console (command prompt) ->
right-click CMD shortcut/CMD.EXE -> Run as Administrator -> run these commands -> press Enter after each line:
ECHO Y|NET.EXE STOP AppVClient
SC.EXE CONFIG AppVClient START= disabled
ECHO Y|NET.EXE STOP AppvStrm
SC.EXE CONFIG AppvStrm START= disabled
ECHO Y|NET.EXE STOP AppvVemgr
SC.EXE CONFIG AppvVemgr START= disabled
ECHO Y|NET.EXE STOP AppvVfs
SC.EXE CONFIG AppvVfs START= disabled

OR:
TIP:
Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer
<http://www.mdgx.com/toy.htm#TXT>
to create a plain text Registry file containing the lines between Cut & Paste delimiters below -> save it as plain text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click it -> Run as Administrator -> answer Yes/OK to all prompts to register/merge/import its information into your registry.
-----Begin cut & paste here-----

```

REGEDIT4
[-HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\AppVClient\Security]
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\AppVClient]
"LaunchProtected"=dword:0
"Start"=dword:4
[-HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Services\AppVClient\Security]
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Services\AppVClient]
"LaunchProtected"=dword:0
"Start"=dword:4
[-HKEY_LOCAL_MACHINE\SYSTEM\ControlSet002\Services\AppVClient\Security]
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet002\Services\AppVClient]
"LaunchProtected"=dword:0
"Start"=dword:4
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\AppvStrm]
"Start"=dword:4
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Services\AppvStrm]
"Start"=dword:4
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet002\Services\AppvStrm]
"Start"=dword:4
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\AppvVemgr]
"Start"=dword:4
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Services\AppvVemgr]
"Start"=dword:4
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet002\Services\AppvVemgr]
"Start"=dword:4
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\AppvVfs]
"Start"=dword:4
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Services\AppvVfs]

```

```
"Start"=dword:4
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet002\Services\AppvVfs]
"Start"=dword:4
;
```

-----End cut & paste here-----

* Turn OFF BranchCache [PeerDistSvc] service present and enabled (Manual) only in Windows 10 Enterprise + Windows 2016/2019/2022 Server editions, unnecessary and not used by home/personal/stand-alone computers/devices/portables/terminals not connected to or using Wide Area Network (WAN)/data center/cloud/enterprise server(s):

<http://learn.microsoft.com/windows-server/networking/branchcache/branchcache/>
<http://searchenterprisedesktop.techtarget.com/definition/Microsoft-Windows-BranchCache/>

Disable BranchCache [PeerDistSvc] service from a DOS console (command prompt) -> right-click CMD shortcut/CMD.EXE ->

Run as Administrator -> run these commands -> press Enter after each line:

```
ECHO Y|NET.EXE STOP PeerDistSvc
SC.EXE CONFIG PeerDistSvc START= disabled
```

OR:

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer

<http://www.mdgx.com/toy.htm#TXT>

to create a plain text Registry file containing the lines between Cut & Paste delimiters below -> save it as plain

text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click it -> Run as Administrator -> answer Yes/OK

to all prompts to register/merge/import its information into your registry.

-----Begin cut & paste here-----

```
REGEDIT4
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\PeerDistSvc]
```

```
"Start"=dword:4
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Services\PeerDistSvc]
```

```
"Start"=dword:4
```

```
[HKEY_LOCAL_MACHINE\SYSTEM\ControlSet002\Services\PeerDistSvc]
```

```
"Start"=dword:4
```

```
;
```

-----End cut & paste here-----

* Remove/uninstall Windows 10/11 built-in/store UWP (Universal Windows Platform) apps:

<http://www.addictivetips.com/windows-tips/remove-default-windows-10-apps-using-powershell/>

Uninstall all UWP apps for all users (example): right-click PowerShell shortcut or

C:\WINDOWS\SYSTEM32\WindowsPowerShell\v1.0\PowerShell.exe [default location in Windows 10/11] -> Run as Administrator ->

run this command -> press Enter:

```
Get-AppXPackage -AllUsers | Remove-AppXPackage
```

* Download/install free UWP (Universal Windows Platform) apps + games from Windows Store without the need for a Microsoft

Azure/Bing/Hotmail/Live/MSN/Microsoft Start/Outlook/Windows Mail/WIP

e-mail/membership/subscription/enrollment/developer/tester/trial/VIP account(s), and instead using better/local/3rd party/no

ads/no tracking/no phone-home/no spam/safe/secure account(s):

<http://www.digitalcitizen.life/microsoft-store-without-microsoft-account/>

<http://www.ghacks.net/2016/11/27/windows-10-pro-store-apps-installation-without-account/>

<http://www.ghacks.net/2015/06/13/how-to-enable-developer-mode-in-windows-10-to-sideload-apps/>

* Restore/reinstall manually Windows Store app + Windows 10/11 built-in UWP

(Universal Windows Platform) apps:

<http://www.winhelponline.com/blog/restore-windows-store-windows-10-uninstall-with-powershell/>

Right-click PowerShell shortcut or C:\WINDOWS\SYSTEM32\WindowsPowerShell\v1.0\PowerShell.exe [default location in Windows

10/11] -> Run as Administrator -> run this command -> press Enter:

```
Get-AppXPackage -AllUsers Microsoft.WindowsStore | Foreach {Add-AppXPackage -DisableDevelopmentMode -Register "$($_.InstallLocation)\AppXManifest.xml"}
```

Windows Store app Uniform Resource Identifier (URI):

<http://www.microsoft.com/p/microsoft-store/9wzdncrfjbjmp/>

Windows Store app product identification (ID) URI:

ms-windows-store://pdp?productId=9wzdncrfjbjmp

Paste Windows Store app URI and/or desired UWP app URI

<http://www.microsoft.com/p/microsoft-store/xxxxxxxxxxxxxx>

or product identification ID URI

ms-windows-store://pdp?productId=xxxxxxxxxxxxxx

in the search box at this web site:

<http://store.rg-adguard.net/>

to download all required app components listed for your specific Windows 10/11 build/edition/release/update/version + bit

strength -> (double-)click *.appx and/or *.appxbundle file(s) to (re)install desired Windows Store/UWP app(s) -> log back

into or restart Windows if prompted to do so. You can also extract the entire contents of any downloaded *.appx/*.appxbundle

archive using an unZIPping/unARCHiving/unRARing tool [free(ware)]

<http://www.mdgx.com/toy.htm#ZIP>

anywhere on your local storage drives/partitions/volumes, and copy file(s) necessary for proper function of selected app(s)

to desired location(s).

* Turn OFF/disable/remove [or turn (back) ON/(re)enable/restore]

unnecessary/useless "Cast to Device >" item/option from the

Desktop, Explorer, Start Menu + user interface (UI) right-click shell context menus in Windows 10/11:

<http://www.tenforums.com/tutorials/61525-how-add-remove-cast-device-context-menu-windows-10-a.html>

- Turn OFF "Cast to Device >" right-click item:

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer

<http://www.mdgx.com/toy.htm#TXT>

to create a plain text Registry file containing the lines between Cut & Paste delimiters below -> save it as plain

text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click it -> Run as Administrator -> answer Yes/OK

to all prompts to register/merge/import its information into your registry.

-----Begin cut & paste here-----

; Turn OFF "Cast to Device >" right-click item:

REGEDIT4

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Shell Extensions\Blocked]

"{7AD84985-87B4-4a16-BE58-8B72A5B390F7}"="Play to Menu"

;

-----End cut & paste here-----

OR do this from a DOS console (command prompt) -> right-click CMD

shortcut/CMD.EXE -> Run as Administrator -> run this

command -> press Enter:

```
REG.EXE ADD "HKLM\SOFTWARE\Microsoft\Windows\CurrentVersion\Shell Extensions\Blocked" /V {7AD84985-87B4-4a16-BE58-8B72A5B390F7} /T REG_SZ /D "Play to
```

```
Menu" /F
```

- Turn ON "Cast to Device >" right-click item:

TIP:

Use Notepad/similar/better free(ware) plain text/ASCII editor/viewer

<http://www.mdgx.com/toy.htm#TXT>

to create a plain text Registry file containing the lines between Cut & Paste

delimiters below -> save it as plain text/ASCII file (Encode: -> ANSI) with the REG extension (.reg) -> right-click it -> Run as Administrator -> answer Yes/OK to all prompts to register/merge/import its information into your registry.

-----Begin cut & paste here-----

; Turn ON "Cast to Device >" right-click item:

REGEDIT4

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Shell Extensions\Blocked]

"{7AD84985-87B4-4a16-BE58-8B72A5B390F7}"=-

;

-----End cut & paste here-----

OR do this from a DOS console (command prompt) -> right-click CMD

shortcut/CMD.EXE -> Run as Administrator -> run this

command -> press Enter:

REG.EXE DELETE "HKLM\SOFTWARE\Microsoft\Windows\CurrentVersion\Shell Extensions\Blocked" /V {7AD84985-87B4-4a16-BE58-8B72A5B390F7} /F

In order to take effect all these changes require to either:

- (1) Log off + (2) Log back in as the same user;

- OR (1) exit/kill + (2) restart Explorer [EXPLORER.EXE]: from a DOS console (command prompt) -> right-click CMD

shortcut/CMD.EXE -> Run as Administrator -> run these commands -> press Enter after each line:

TASKKILL.EXE /IM explorer.exe /F /T

explorer.exe

Reg [REG.EXE] + TaskKill [TASKKILL.EXE] are both located in the %WinDir%\SYSTEM32 directory/folder [%WinDir% = usually C:\WINDOWS].

TASKKILL.EXE:

<http://www.ss64.com/nt/taskkill.html>

REG.EXE:

<http://www.ss64.com/nt/reg.html>

Explorer [explorer.exe] is located in the %WinDir% directory/folder [%WinDir% = usually C:\WINDOWS].

* Windows 10/11 ScriptRunner [ScriptRunner.exe] built-in DOS console command line tool can be used to run multiple BATch (.bat), CoMmanD (.cmd), PowerShell (.ps1), VBScript (.vbs), etc plain text/ASCII based scripts for automated/unattended operations:

<http://www.ss64.com/nt/scriptrunner.html>

ScriptRunner [ScriptRunner.exe] is located in the %WinDir%\SYSTEM32 directory/folder [where %WinDir% = usually C:\WINDOWS].

View its command line options, switches + parameters: from a DOS console (command prompt) -> right-click CMD

shortcut/CMD.EXE -> Run as Administrator -> run this command -> press Enter:

ScriptRunner.exe

* Useful, little known, hidden, undocumented, unknown registry + system hacks + tweaks to fix, improve + customize

Windows 10/11 + Windows Server 2016/2019/2022:

<http://cloudblogs.microsoft.com/industry-blog/en-gb/technetuk/2016/07/15/13-epic-registry-hacks/>

<http://www.howtogeek.com/669971/the-top-10-best-registry-hacks-for-windows-10/>

<http://www.maketecheasier.com/windows-10-registry-hacks/>

<http://www.bleepingcomputer.com/news/microsoft/useful-registry-hacks-to-optimize-your-windows-10-experience/>

<http://supertechman.com.au/12-awesome-windows-10-registry-hacks/>

<http://technicalustad.com/a-complete-guide-to-windows-10-registry-tweaks/>

<http://www.askvg.com/collection-of-windows-10-hidden-secret-registry-tweaks/>
AskVG Windows 10 registry (.reg) tweaks [ZIP]:

<http://media.askvg.com/downloads/2015/01/Windows-10-Hidden-Secret-Registry-Tweaks.zip>

<http://www.ss64.com/nt/syntax-reghacks.html>

<http://techwiser.com/windows-registry-hacks/>
http://www.majorgeeks.com/files/details/majorgeeks_registry_tweaks.html
<http://github.com/MajorGeek/MajorGeeks-Windows-Tweaks/>
http://www.majorgeeks.com/mg/sortdate/majorgeeks_registry_batch_file_tweaks.html
<http://www.online-tech-tips.com/windows-10/10-awesome-windows-8-registry-hacks-you-might-not-know/>
<http://www.iolosystem.com/resources/registry-hacks.html>
<http://www.minitool.com/backup-tips/windows-10-registry-hacks.html>
<http://gist.github.com/JohannesMP/6a273e96054f47b8501acf99138c792b/>
<http://windows101tricks.com/windows-10-registry-tweaks-enable-hidden-features/>
<http://www.winaero.com/category/windows-11/>
<http://www.winaero.com/category/windows-10/>
<http://www.itpro.com/microsoft-windows/31970/the-best-registry-hacks-for-fixing-annoying-windows-features/>
<http://www.intowindows.com/category/windows-11/>
<http://www.intowindows.com/category/windows-10/>
<http://www.webnots.com/10-registry-hacks-for-windows-10/>
<http://www.shareus.com/windows/five-useful-registry-tweaks-for-gaming-performance-windows-10.html>
<http://blogs.systweak.com/best-windows-10-registry-hacks-to-optimize-your-pc/>
<http://www.techradar.com/news/software/operating-systems/20-registry-hacks-to-make-your-pc-more-awesome-590803/>
<http://www.windowschimp.com/best-registry-hacks/>
<http://lifel hacker.com/tag/registry-tweak/>
http://github.com/brianfgonzalez/Scripts/blob/master/windows_10_tweaks.bat
<http://www.howto-connect.com/registry-hacks-for-start-menu-and-taskbar-in-windows-10/>
<http://www.wikitechy.com/tutorials/ethical-hacking/registry-hacking/>
<http://www.makeuseof.com/tag/5-windows-10-registry-tweaks-improve-unlock-features/>
<http://www.techrepublic.com/article/how-to-hack-the-windows-registry-to-insert-control-panel-into-the-desktop-right-click-menu/>
<http://spyboy.blog/2020/03/27/windows-10-registry-hacks-to-optimize-your-pc-experience/>
<http://www.techrepublic.com/blog/10-things/10-common-issues-you-can-fix-with-a-registry-hack/>
<http://www.der-windows-papst.de/en/2019/01/08/datenschutz-fuer-windows-10-registry-hacks/>
<http://appuals.com/how-to-change-or-customize-system-tray-icons-on-windows-10/>
<http://www.windowscentral.com/how-hide-entire-drive-prying-eyes-windows-10/>
<http://woshub.com/windows11/>
<http://woshub.com/windows-10/>
MDGx "Comprehensive Windows Registry Guide" chapter in REGISTRY.TXT (included):
<http://www.mdgx.com/reg.htm>
MDGx "200+ Ways To Hack Your Windows 9x/NTx Registry" chapter in REGISTRY.TXT (included):
<http://www.mdgx.com/reg.htm#RHC>
MDGx "Tweaked Windows 10/11 Services + Drivers" [Experimental!] in SERVCS10.TXT (included):
<http://www.mdgx.com/servcs10.php>
<http://www.mdgx.com/SERVCS10.TXT>
MDGx "Windows 8/8.1 Tweaks, Fixes, Guides, Downloads + Links" chapter in WINDOWS8.TXT (included):
<http://www.mdgx.com/8.php>
<http://www.mdgx.com/WINDOWS8.TXT>
MDGx "Windows 7/7 SP1 Tweaks, Fixes, Guides, Downloads + Links" chapter in WINDOWS7.TXT (included):
<http://www.mdgx.com/7.php>
<http://www.mdgx.com/WINDOWS7.TXT>

NOTE:

Some of these hacks + tweaks apply also to Windows 7, 8, 8.1.

* Transform Windows 10/11 interface to look + act like Windows 7, 8, or 8.1:
<http://www.howtogeek.com/277448/how-to-make-windows-10-look-and-act-more-like->

windows-7/
<http://www.pcmag.com/how-to/how-to-make-windows-10-feel-more-like-windows-7/>
<http://www.digitaltrends.com/computing/how-to-make-windows-10-look-like-windows-7/>
<http://www.winaero.com/blog/how-to-restore-the-good-old-task-manager-in-windows-8/>
See also WINDOWS8.TXT (included):
<http://www.mdgx.com/8.php>
<http://www.mdgx.com/WINDOWS8.TXT>
See also: "AERO 7/8/8.1/10/11", "APPS 7", "TASK" + "GAMES" sections in TOOLS.TXT (included):
<http://www.mdgx.com/tools.php>
<http://www.mdgx.com/TOOLS.TXT>

* Windows 10/11 native System (machine wide, all users) + User (only current/logged on user) icons are contained in these applets (.cpl)/libraries (.dll)/executables (.exe)/files (.bmp, .gif, .icl, .ico, .jpg, .png + other icon/image formats):
<http://www.digitalcitizen.life/where-find-most-windows-10s-native-icons/>
<http://www.tenforums.com/tutorials/8879-change-library-icon-windows-10-a.html>
Extract them using IconsExtract 32-bit CPL, DLL + EXE icon grabber/extractor front end GUI + console command line tool:
<http://www.nirsoft.net/utils/iconsext.html>
File:
<http://www.nirsoft.net/utils/iconsext.zip>
MDGx Free(ware) GIF, JPEG, PNG Shrinkers/Converters/Editors:
<http://www.mdgx.com/html.htm#GIF>
MDGx Free(ware) Icon Tools:
<http://www.mdgx.com/toy.htm#ICO>
MDGx 223 Windows 9x/NTx Icons (.DLL, .ICL + .ICO formats, 32x32, 16 colors) -> MYICONS.TXT (included):
MYICONS.ZIP [ZIP]:
<http://www.mdgx.com/files/MYICONS.ZIP>
Convert Icon (.ico) file format to Portable Network Graphics (PNG) (.png) file format:
<http://cloudconvert.com/ico-to-png/>
Convert Portable Network Graphics (PNG) (.png) file format to Icon (.ico) file format:
<http://png2icojs.com/>

* Coulda... Shoulda... Woulda...
Operating system (OS) core/system features, functionality, operations, processes +/- programs/tools/games/etc abandoned/banned/cancelled/changed/deprecated/discontinued/limited//obsolete/reduced/removed/restricted by Microsoft in/from/out of Windows 10/11, and how to adapt/fix/port/repair/restore/upgrade, use better/similar, and/or work around/bring back/restore (some of) them:
- Wikipedia: List of features removed in Windows 11:
http://en.wikipedia.org/wiki/List_of_features_removed_in_Windows_11
- Windows 11 Criticism:
- Wikipedia: Windows 11 Launch:
http://en.wikipedia.org/wiki/Windows_11#Launch
- PC Magazine: The 10 Worst Things About Windows 11:
<http://www.pcmag.com/news/the-10-worst-things-about-windows-11/>
- PC World: Windows 11 review: An unnecessary replacement for Windows 10:
<http://www.pcworld.com/article/539183/windows-11-review-an-unnecessary-replacement-for-windows-10.html>
- TechTimes: Windows 11 Received Harsh Criticism Without Even Launching:
<http://www.techtimes.com/articles/261841/20210623/windows-11-received-harsh-criticism-without-even-launching.htm>
- Ars Technica: Windows 11 has made the "clean Windows install" an oxymoron:
<http://arstechnica.com/gadgets/2023/08/windows-11-has-made-the-clean->

windows-install-an-oxymoron/
- MS Docs: Features and functionality removed in Windows client:
<http://learn.microsoft.com/windows/whats-new/removed-features/>
- MS Docs: Deprecated features for Windows client:
<http://learn.microsoft.com/windows/whats-new/deprecated-features/>
- Wikipedia: List of features removed/missing in Windows 10:
http://en.wikipedia.org/wiki/List_of_features_removed_in_Windows_10
- How-To Geek: All the Useless Windows 10 Features Microsoft Should Remove:
<http://www.howtogeek.com/437942/all-the-useless-windows-10-features-microsoft-should-remove/>
- TheWindowsClub: List of features removed or deprecated in Windows 10:
<http://www.thewindowsclub.com/features-removed-in-windows-10/>
- TheWindowsClub: Windows 10 Problems, Issues with Solutions and Fixes:
<http://www.thewindowsclub.com/windows-10-known-issues/>
- gHacks: Windows 10 Creators Update: new and removed features:
<http://www.ghacks.net/2017/03/28/windows-10-creators-update-new-and-removed-features/>
- Wikipedia: Criticism of Windows 10:
http://en.wikipedia.org/wiki/Criticism_of_Windows_10
- PC Magazine: Fix the Most Annoying Things in Windows 10:
<http://www.pcmag.com/how-to/how-to-fix-the-most-annoying-things-in-windows-10/>
- MDGx Free(ware) "Win10/11 Block Tools (10_BLOCK)" -> 10_BLOCK.TXT (included):
<http://www.mdgx.com/xptoy.htm#10BLK>
http://www.mdgx.com/10BLK/10_BLOCK.php
http://www.mdgx.com/10BLK/10_BLOCK.TXT
- MDGx Free(ware) "List of Useful Windows NTx Tools" [apps/programs, games, screen savers, tools/utilities] -> TOOLS.TXT (included):
<http://www.mdgx.com/tools.php>
<http://www.mdgx.com/TOOLS.TXT>
- MDGx Free(ware) "1000+ Windows 9x/NTx Power Toys + Tweaking Tools" -> SOFTWARE.TXT (included):
<http://www.mdgx.com/toy.htm>
- MDGx "Free(ware) Windows NTx Extras" -> SOFTWARE.TXT (included):
<http://www.mdgx.com/xptoy.htm>

Essential Add-ons, Components, Fixes, Updates, Tools + Games [free(ware)]

* MDGx "Similar Windows 7/newer Anti-Spyware/Privacy Tools" section in 10_BLOCK.TXT (included):
<http://www.mdgx.com/xptoy.htm#10BLK>
http://www.mdgx.com/10BLK/10_BLOCK.php
http://www.mdgx.com/10BLK/10_BLOCK.TXT
* MDGx "List of Useful Windows NTx Tools [99.9% free(ware)]" in TOOLS.TXT (included):
<http://www.mdgx.com/tools.php>
<http://www.mdgx.com/TOOLS.TXT>
* MDGx "1000+ Windows NTx Power Toys + Tweaking Tools [99.9% free(ware)]" section in SOFTWARE.TXT (included):
<http://www.mdgx.com/toy.htm>
* MDGx "Windows 3.1x/9x/NTx Internet Power Toys" section in SOFTWARE.TXT (included):
<http://www.mdgx.com/nettoys.htm>
* MDGx "Free(ware) Windows 9x/NTx Firewalls, Anti-Spyware + Internet Monitors" section in SOFTWARE.TXT (included):
<http://www.mdgx.com/fw.htm>
* MDGx "Free(ware) Windows NTx Extras" section in SOFTWARE.TXT (included):
<http://www.mdgx.com/xptoy.htm>

* Original Updated Microsoft File Manager (FM) (WINFILE.EXE) 32-bit + 64-bit contains cumulative up-to-date fixes/patches + enhancements for all Microsoft supported [http://support.microsoft.com/help/13853/] Windows NTx 32-bit (x86) + 64-bit (x64) editions (free MIT, open source):
<http://github.com/microsoft/winfile/>
FM master + cumulative enhancements:
<http://github.com/microsoft/winfile/releases/>
FM latest release:
<http://github.com/microsoft/winfile/releases/latest/>
Windows 10 FM App:
<http://www.microsoft.com/store/apps/9p7vbbbc49rb/>
FM WINFILE.CHM [right-click to save]:
<http://github.com/microsoft/winfile/raw/master/help/WINFILE.CHM>
Place Windows Compiled (Compressed) HTML Help (WINFILE.CHM) file into the directory(ies)/folder(s) where WINFILE.EXE reside(s), both 32-bit + 64-bit.
WINFILE.CHM is identical for all FM editions 32-bit + 64-bit.
FM @ /. News:
<http://news.slashdot.org/story/18/04/09/1952237/>
WinHlp32 for Windows 10/2016/2019/11/2022:
http://raxsoft.com/raxccm/software_app.php?progid=13
Direct download [735 KB, freeware]:
<http://assets.raxsoft.com/bin/winhlp32/winhlp32.msi>
MDGx Restore/Update Windows Help (.HLP) Guide:
<http://www.mdgx.com/add.htm#HHU>
More info:
<http://www.askvg.com/how-to-open-help-files-hlp-in-windows-7-that-require-windows-help-program-winhlp32-exe/>
Required:
FM (WINFILE.EXE) 32-bit + 64-bit require Microsoft Visual C++ 2017 (VC2017) Runtime Redistributables 32-bit + 64-bit for Visual Studio 2017 (VS2017) for Windows 7 SP1/newer 32-bit (x86) + 64-bit (x64) (English):
<http://support.microsoft.com/help/2977003/>
MDGx Microsoft Visual Studio (VS) + Visual C++ (VC):
<http://www.mdgx.com/add.htm#VS6>
- VC2017 64-bit for Windows NTx 64-bit (x64) [15 MB]:
http://aka.ms/vs/16/release/vc_redist.x64.exe
http://download.visualstudio.microsoft.com/download/pr/12328699/a80e967515b2a4faf37bf15387f1c5c3/VC_redist.x64.exe
- VC2017 32-bit for Windows NTx 32-bit (x86) [14 MB]:
http://aka.ms/vs/16/release/vc_redist.x86.exe
http://download.visualstudio.microsoft.com/download/pr/12319034/ccd261eb0e095411af3b306273231b68/VC_redist.x86.exe
FM (WINFILE.EXE) 32-bit + 64-bit also work with Microsoft Visual C++ 2015 (VC2015) Runtime Redistributables 32-bit + 64-bit for Visual Studio 2015 (VS2015) for Windows XP SP3/2003 SP2/Vista SP2/2008 SP2/7 SP1/newer 32-bit (x86) + 64-bit (x64) (English):
<http://support.microsoft.com/help/2999226/>
More info:
<http://www.microsoft.com/download/details.aspx?id=53840>
- VC2015 64-bit for Windows NTx 64-bit (x64) [14 MB]:
http://download.microsoft.com/download/6/A/A/6AA4EDFF-645B-48C5-81CC-ED5963AEAD48/vc_redist.x64.exe
- VC2015 32-bit for Windows NTx 32-bit (x86) [13 MB]:
http://download.microsoft.com/download/6/A/A/6AA4EDFF-645B-48C5-81CC-ED5963AEAD48/vc_redist.x86.exe
You actually need these 2 files:
msvcp140.dll 14.10.25008.0
vcruntime140.dll 14.10.25008.0
which do not require installation or registration. Download and copy both files

to the directory/folder where your FM executable(s) reside(s): 32-bit DLLs for WINFILE.EXE 32-bit or 64-bit DLLs for WINFILE.EXE 64-bit:
<http://www.dll4free.com/msvc140.dll.html>
<http://www.dll4free.com/vcruntime140.dll.html>
See FM_NEW.TXT (included) for more details:
http://www.mdgx.com/fmnt32/FM_NEW.TXT

* MDGx File Manager (FM) 32-bit for Windows NTx 32-bit (x86) + 64-bit (x64) + support files + add-ons, modded + customized (free):

<http://www.mdgx.com/xptoy.htm#FMNT>
MDGx FM Guide -> FMNT32.TXT (included):
<http://www.mdgx.com/fmnt32/fmnt32.php>
<http://www.mdgx.com/fmnt32/FMNT32.TXT>
MDGx FM Installer:
<http://www.mdgx.com/fmnt32/FMNT32.EXE>
I have compiled FMNT32.EXE installer using Microsoft Internet Explorer Administration Kit (IEAK):
<http://www.mdgx.com/add.htm#IEA>
+ INF/SED Guides:
<http://www.mdgx.com/add.htm#INF>
http://www.mdgx.com/INF_web/

* Windows Update Blocker (WUB) [wub.exe 32-bit + wub_x64.exe 64-bit] for Windows 10/11 32-bit (x86) + 64-bit (x64) allows all users to block/disable/stop/turn OFF, and/or unblock/reenable/restart/turn back ON

automatic/unattended
behind-your-back/disguised/forced/harmful/hidden/intrusive/invasive/subversive/unwanted/without your approval/consent/knowledge/permission Microsoft Windows Updates (WU) service + interconnected/interdependent/interrelated services [up to 25 services!] + program executables (.exe) which are very complicated/hard/almost impossible to block/control/disable/manage/stop/turn OFF without performing complicated/time consuming operations, cumbersome registry tweaks, or/and without dedicated 3rd party tools (like this one):

<http://www.sordum.org/9470/>
File [Portable ZIP]:
<http://www.sordum.org/files/download/windows-update-blocker/Wub.zip>

Screen shot:

http://www.sordum.org/wp-content/uploads/2020/10/windows_update_blocker_blocked.png

Windows Update (WU) Tools:

http://www.majorgeeks.com/mg/sortdate/windows_update.html

See MDGx "Turn OFF/Postpone/Block/Uninstall Windows Updates (WU)" chapter -> "* FIXes:" section in WIN10.TXT (included):

<http://www.mdgx.com/10.php>

<http://www.mdgx.com/WIN10.TXT>

See MDGx "On The Edge of A Hostile Takeover = Uninstall + Replace Edge While You Still Can" chapter -> "REMEMBER:" section in WIN10.TXT (included):

<http://www.mdgx.com/10.php>

<http://www.mdgx.com/WIN10.TXT>

* simplewall 32-bit + 64-bit GUI interface + DOS console command line tool for Windows 8.1/newer 32-bit (x86) + 64-bit (x64) configures Windows Filtering Platform (WFP) to allow/block incoming + outgoing traffic, creates, edits, enables/disables + (un)installs firewall rules + blocks Microsoft dangerous/deceptive/insecure/invasive/intrusive/subversive/unsafe IPs based on blocklists [spying (spyware, surveillance, telemetry, tracking), Windows Update (WU) + applications (apps + services)],

highly customizable:

<http://www.henrypp.org/product/simplewall/>

<http://github.com/henrypp/simplewall/>

Download [Portable ZIP]:

<http://github.com/henrypp/simplewall/releases/latest/>

simplewall Portable:

Place portable.dat in the program's main directory/folder and use

Notepad/similar plain text editor

<http://www.mdgx.com/toy.htm#TXT>

to create (if absent) simplewall.ini in the program's [simplewall.exe] main directory/folder.

* WindowsSpyBlocker 32-bit for Windows 10/newer blocks Microsoft dangerous/deceptive/insecure/invasive/intrusive/subversive/unsafe IPs based on blocking rules [spy (spyware, surveillance, telemetry, tracking), Windows Update (WU) + extra (Microsoft apps + services)] + blocklists, highly customizable:

<http://crazymax.dev/WindowsSpyBlocker/>

Download [Portable EXE]:

<http://github.com/crazy-max/WindowsSpyBlocker/releases/latest/>

WindowsSpyBlocker Repository:

<http://github.com/crazy-max/WindowsSpyBlocker/>

Usage Guide:

<http://crazymax.dev/WindowsSpyBlocker/app/>

Blocking Rules Guide:

<http://crazymax.dev/WindowsSpyBlocker/blocking-rules/>

* Edge Blocker (EdgeBlock.exe 32-bit + EdgeBlock_x64.exe 64-bit) for Windows 10/11:

<http://www.sordum.org/9312/>

File:

<http://www.sordum.org/files/download/edge-blocker/EdgeBlock.zip>

* MSEdgeRedirect for Windows 8.1/10/11 intercepts, redirects + switches all Desktop, Metro, Start, Store, Tiles apps, feeds/RSS, gadgets, maps, news, search, widgets, weather, etc, file extensions (.dhtml, .htm, .html, .php, .xhtml, .xml, etc), internet/URI schemes/protocols (ftp:, http:, https:, magnet:, mailto:, news:, etc) + URL/URI

addresses/items/links/schemes/shortcuts (.url, .website, etc) forced

(built/hardwired/preset into the operating system) by

Microsoft to open in Edge + forces them to open instead in user's choice custom

selected default web browser (if any other

than Edge) + to use any user's choice custom selected default search engine

other than bing, works from anywhere in the

world (including outside Europe/EU/UE):

<http://github.com/rcmaehl/MSEdgeRedirect/>

Download:

<http://github.com/rcmaehl/MSEdgeRedirect/releases/latest/>

More info:

<http://www.ghacks.net/2023/11/18/you-can-remove-edge-and-bing-search-on-windows-11-even-if-you-dont-live-in-europe/>

MDGx "100+ WWW (World Wide Web) Search Engines" [most have enhanced privacy, safety + security]:

<http://www.mdgx.com/links.htm#WSE>

List of URI Schemes:

<http://www.w3.org/wiki/UriSchemes>

* EdgeDeflector for Windows 10/11 intercepts + redirects HTTP(S), Maps, News, Feeds/RSS, Widgets, Weather, etc file

extensions (.dhtml, .htm, .html, .php, .xhtml, .xml, etc), internet

schemes/protocols (ftp:, http:, https:, magnet:,

mailto:, news:, etc) + URL/URI addresses/items/links/schemes/shortcuts

(.url, .website, etc) forced (built/hardwired/preset

into the operating system) by Microsoft to open in Edge to open instead in user's choice custom selected default web browser (if any other than Edge):

<http://github.com/da2x/EdgeDeflector/>

Download:

<http://github.com/da2x/EdgeDeflector/releases/latest/>

EdgeDeflector Purpose:

<http://www.ctrl.blog/entry/edgedeflector-default-browser.html>

BEWARE:

Newer Windows 10 builds/editions/releases/versions blocked EdgeDeflector + similar Edge browser competitors:

<http://www.ctrl.blog/entry/microsoft-edge-protocol-competition.html>

FIX:

Restore EdgeDeflector + similar Edge browser competitors functionality ->

UNinstall Windows Update KB5007262:

Start button/icon/logo/menu/orb -> Windows Settings [gear icon] -> Update & Security -> Windows Update -> View update

history -> Uninstall updates -> highlight/select update KB5007262 -> right-click -> Uninstall -> reboot/restart if needed/prompted.

List of URI Schemes:

<http://www.w3.org/wiki/UriSchemes>

* Firewall App Blocker (FAB) 32-bit + 64-bit for Windows 7/newer allows/blocks inbound + outbound app(lication)s/EXecutables (.exe)/programs, highly customizable:

<http://www.sordum.org/8125/>

File:

<http://www.sordum.org/files/download/firewall-app-blocker/fab.zip>

MS Edge firewall block rule [Disable_EdgeRule.bat] [ZIP]:

http://www.sordum.org/files/download/firewall-app-blocker/edge_rule.zip

* Edge Chromium Blocker Toolkit:

<http://www.windowscentral.com/how-prevent-microsoft-edge-chromium-installing-automatically-windows-10/>

File:

[http://web.archive.org/web/20210812025623if_/http://](http://web.archive.org/web/20210812025623if_/http://msedgeblockertoolkit.blob.core.windows.net/blockertoolkit/)

msedgeblockertoolkit.blob.core.windows.net/blockertoolkit/

[MicrosoftEdgeChromiumBlockerToolkit.exe](http://msedgeblockertoolkit.blob.core.windows.net/blockertoolkit/)

* Enable/Unlock Chromium Edge disabled/locked features + options using Policy Plus for Windows 7/newer (free, open source):

<http://github.com/Fleex255/PolicyPlus/releases/latest/>

<http://www.itechtics.com/best-group-policy-editor-gpedit-msc-alternative-for-windows/>

http://www.majorgeeks.com/files/details/policy_plus.html

* Uninstall + remove Edge web browser from Windows 10/11 using DOS (CMD) console commands + "Uninstall Edge.cmd" batch file

script:

<http://www.winaero.com/how-to-uninstall-and-remove-edge-browser-in-windows-10/>

Download "Uninstall Edge.cmd" [ZIP file]:

<http://www.winaero.com/download.php?view.1835>

Disable Edge Updates in the registry:

<http://admx.help/?>

Category=EdgeChromium&Policy=Microsoft.Policies.Update::Pol_DefaultUpdatePolicy

* Recommended independent/3rd party free, open source, safe, secure, uncrippled, unlocked, unrestricted, modern web browsers

(examples):

<http://www.mdgx.com/nettoys.htm#NET>

MDGx "Free(ware) Windows 9x/NTx Web Browsers" chapter -> "Chromium + Chrome web

browsers [free(ware)]" section ->
"Chromium + Chrome" topic in SOFTWARE.TXT (included):
<http://www.mdgx.com/nettoys.htm#CHR>
RECOMMENDED:
- Chromium Precompiled EXEutable [Installer EXE + Portable Archives ZIP/7z] 32-bit + 64-bit for Windows XP/newer 32-bit (x86) + 64-bit (x64):
<http://chromium.woolyss.com/>
Degoogled/Ungoogled/stripped of Google ad(ware)/spyware/surveillance/tracking code Chromium builds [clearly labeled]:
<http://github.com/ungoogled-software/ungoogled-chromium/blob/master/README.md>
<http://ungoogled-software.github.io/ungoogled-chromium-wiki/faq>
Ungoogled Chromium precompiled binaries 32-bit + 64-bit for Windows 7/newer 32-bit (x86) + 64-bit (x64) [75-125 MB, Installer ONLY EXE + Portable ZIP, NEWest at the top]:
<http://ungoogled-software.github.io/ungoogled-chromium-binaries/>
Ungoogled Chromium 64-bit for Windows 7/newer 64-bit (x64):
<http://ungoogled-software.github.io/ungoogled-chromium-binaries/releases/windows/64bit/>
Ungoogled Chromium 32-bit for Windows 7/newer 32-bit (x86):
<http://ungoogled-software.github.io/ungoogled-chromium-binaries/releases/windows/32bit/>
- Brave 32-bit + 64-bit web browser for Windows 7/newer 32-bit (x86) + 64-bit (x64) based on Chromium code [fork] with improved privacy, safety + security and optimized speed:
<http://brave.com/>
Brave Repository:
<http://github.com/brave/brave-browser/>
Download [ZIP = full, Portable]:
<http://github.com/brave/brave-browser/releases/latest/>
- Vivaldi 32-bit + 64-bit web browser for Windows 7/newer 32-bit (x86) + 64-bit (x64) based on Chromium code [fork] with enhanced privacy, safety + security:
<http://vivaldi.com/>
Download [EXE = Installer ONLY]:
<http://vivaldi.com/download/>
Vivaldi Portable -> run Installer EXE -> Install standalone:
<http://help.vivaldi.com/desktop/install-update/standalone-version-of-vivaldi/>
- Thorium 32-bit + 64-bit web browsers for Windows 7/newer 32-bit (x86) + 64-bit (x64) based on Chromium code [fork] hardware 3D, rendering + video playback optimized:
<http://thorium.rocks/>
Download [ZIP = full, Portable]:
Thorium AVX2 64-bit for Windows 10/newer 64-bit (x64):
<http://github.com/Alex313031/Thorium-Win/releases/latest/>
Thorium AVX 64-bit for Windows 10/newer 64-bit (x64):
<http://github.com/Alex313031/Thorium-Win/releases/latest/>
Thorium SS3 64-bit for Windows 10/newer 64-bit (x64):
<http://github.com/Alex313031/Thorium-SSE3/releases/latest/>
Thorium SSE2 (Win32) 32-bit edition for Windows 7/newer 32-bit (x86) + Thorium SSE3, SSE4, AVX + AVX2 64-bit editions for Windows 7/newer 64-bit (x64):
<http://github.com/Alex313031/thorium-win7/releases/latest/>
Thorium Requirements:
- Multicore CPU: minimum Intel Core 2nd gen or AMD FX with built-in SSE4 (Streaming SIMD Extensions 4),
<http://en.wikipedia.org/wiki/SSE4>
AVX (Advanced Vector EXTensions)
http://en.wikipedia.org/wiki/Advanced_Vector_Extensions
+ AES (Advanced Encryption Standard)
http://en.wikipedia.org/wiki/Advanced_Encryption_Standard
enhancements/multimedia extensions/instructions.
- Graphics video controller with 3D rendering + OpenGL capabilities.
Required Windows 7 64-bit (x64) Updates for Thorium 64-bit web browser enhanced

hardware + software compatibility/support:

<http://thorium.rocks/win7>

- Windows 7 SP1/2008 R2 64-bit (x64) Servicing Stack Update 2019 KB4490628:

<http://support.microsoft.com/help/4490628/>

Download:

<http://catalog.update.microsoft.com/search.aspx?q=4490628+x64>

- Windows 7 SP1/2008 R2 64-bit (x64) SHA-2 Code Signing Support Update 2019 KB4474419:

<http://support.microsoft.com/help/4474419/>

Download:

<http://catalog.update.microsoft.com/search.aspx?q=4474419+x64>

- Supermium 32-bit + 64-bit web browsers for Windows 7/newer 32-bit (x86) + 64-bit (x64) based on Chromium code [fork]

optimized for speed + performance:

<http://www.win32subsystem.live/supermium.html>

Download [EXE = full, Installer +/- ZIP = full, Portable]:

<http://github.com/win32ss/supermium/releases/latest/>

- X-Chromium (X-Launcher) Portable launcher:

<http://www.winpenpack.com/en/download.php?view.1082>

Download [EXE = Installer, full]:

<http://sourceforge.net/projects/winpenpack/files/X-Chromium/releases/>

Either install Chromium precompiled stable releases 32-bit or 64-bit:

<http://chromium.woolyss.com/>

or extract all files from portable archive [zip or 7z] + copy to the destination of your choice Chromium portable stable

releases 32-bit or 64-bit to match the Windows NTx [7/newer] operating system(s) [OS(es)]

build/edition/release/update/version + bit strength [32-bit (x86) or 64-bit (x64)] you are using.

All Chromium + Chrome alternatives/derivatives/forks/variants users must have these 3 environment variables:

GOOGLE_API_KEY=NO

GOOGLE_DEFAULT_CLIENT_ID=NO

GOOGLE_DEFAULT_CLIENT_SECRET=NO

Right-click CMD shortcut/CMD.EXE -> Run as Administrator -> run these commands -

> press Enter after each line:

SETX.EXE GOOGLE_API_KEY "NO" /M

SETX.EXE GOOGLE_DEFAULT_CLIENT_ID "NO" /M

SETX.EXE GOOGLE_DEFAULT_CLIENT_SECRET "NO" /M

Google API Keys:

<http://chromium.woolyss.com/#google-api-keys>

<http://www.chromium.org/developers/how-tos/api-keys/>

MDGx "@ Chromium/Chrome/Brave/X-Chromium/Thorium/Vivaldi/Supermium Privacy, Safety + Security Settings, Extensions, Guides + Solutions:" topic in SOFTWARE.TXT (included):

<http://www.mdgx.com/nettoys.htm#PRV>

MDGx collection of essential + useful Chromium/Chrome extensions + tweaks -> "CHROMIUM" section in TOOLS.TXT (included):

<http://www.mdgx.com/tools.php#:~:text=CHROMIUM%20%5B%2A%5D>

<http://www.mdgx.com/TOOLS.TXT>

* Cloudflare WARP Desktop client 64-bit for Windows 8.1/newer 64-bit (x64) [free Virtual Private Network (VPN) using public root Domain Name System (DNS) servers]:

<http://1.1.1.1/>

Cloudflare WARP for Windows:

<http://developers.cloudflare.com/warp-client/get-started/windows/>

Cloudflare WARP for Linux:

<http://developers.cloudflare.com/warp-client/get-started/linux/>

Cloudflare WARP for macOS:

<http://developers.cloudflare.com/warp-client/get-started/macos/>

Cloudflare WARP for Android:

<http://developers.cloudflare.com/warp-client/get-started/android/>

Cloudflare WARP for iOS:

<http://developers.cloudflare.com/warp-client/get-started/ios/>
Use Cloudflare WARP VPN in combination with WireGuard:
<http://www.andryou.com/2020/03/28/guide-using-cloudflares-warp-vpn-on-a-computer-mac-pc-linux/>
WireGuard VPN (free, open source):
<http://www.wireguard.com/>
- BrowserLeaks: DNS (Domain Name System) Leak Test:
<http://browserleaks.com/dns/>
Wikipedia: Virtual Private Network (VPN):
http://en.wikipedia.org/wiki/Virtual_private_network
Wikipedia: Domain Name System (DNS):
http://en.wikipedia.org/wiki/Domain_Name_System
See MDGx "Digital + Internet/Online Privacy, Safety + Security" chapter ->
"* Web Browsers, Platforms, Computers + Devices Online Protection Guides + Tools
for Privacy, Safety + Security:" section in
WINDOWS7.TXT (included):
<http://www.mdgx.com/7.php#:~:text=Digital%20%2B%20Internet%2FOnline%20Privacy%2C%20Safety%20%2B%20Security%20%3D%20Your%20Top%20Priority>
See MDGx "Public Root DNS Servers" chapter in WINDOWS7.TXT (included):
<http://www.mdgx.com/7.php#:~:text=Public%20Root%20DNS%20Servers%20%5B%2A%5D>

* OpenVPN Cloud, Access Server + Connect client Virtual Private Network (VPN) system provides secure point-to-point or site-to-site concurrent connections using OpenSSL (Secure Sockets Layer) encryption + Transport Layer Security (TLS) protocol, highly customizable:
<http://openvpn.net/>
Free subscriptions for personal use = limited to:
- OpenVPN Cloud = maximum 3 concurrent connections.
- Access Server = maximum 2 concurrent connections.
Repository:
<http://github.com/OpenVPN/openvpn/>
OpenVPN Connect client 32-bit + 64-bit for Windows 7/newer 32-bit (x86) + 64-bit (x64) [MSI Installer]:
<http://openvpn.net/client-connect-vpn-for-windows/>
OpenVPN FAQs:
<http://openvpn.net/vpn-server-resources/#faqs>
OpenVPN Online Documentation:
<http://openvpn.net/vpn-server-resources/>
Wikipedia: Virtual Private Network (VPN):
http://en.wikipedia.org/wiki/Virtual_private_network
Wikipedia: OpenSSL:
<http://en.wikipedia.org/wiki/OpenSSL>
Wikipedia: Secure Sockets Layer (SSL):
http://en.wikipedia.org/wiki/Transport_Layer_Security#SSL_1.0,_2.0,_and_3.0
Wikipedia: Transport Layer Security (TLS):
http://en.wikipedia.org/wiki/Transport_Layer_Security

* Portmaster Free 64-bit for Windows 7/newer 64-bit (x64) port manager, firewall, filter, secure DNS, blocker, network monitor, highly customizable:
<http://safing.io/>
File [Setup only]:
http://updates.safing.io/latest/windows_amd64/packages/portmaster-installer.exe
Windows 7 64-bit (x64) requires Microsoft Security Monthly Quality Rollup (SMQR) KB4503292:
http://catalog.s.download.windowsupdate.com/d/msdownload/update/software/secu/2019/06/windows6.1-kb4503292-x64_a35bb4ea16d1d529fde9abfe8a0c16e9061f74cd.msu
More info @ MSKB:
<http://support.microsoft.com/help/4503292/>
Portmaster Documentation:
<http://docs.safing.io/>
Community Wiki:
<http://wiki.safing.io/>

* Pi-hole DOS console command line installer [PH4WSL1.cmd] for Windows 10/newer installs Linux Pi-hole DNS sinkhole on Windows computers, highly customizable:

<http://github.com/DesktopECHO/Pi-Hole-for-WSL1/>
Download:

<http://github.com/DesktopECHO/Pi-Hole-for-WSL1/raw/master/PH4WSL1.cmd>

PH4WSL1.cmd install guide step-by-step:

<http://www.reddit.com/r/pihole/comments/j39drp/>

PH4WSL1.cmd ReadMe guide:

<http://github.com/DesktopECHO/Pi-Hole-for-WSL1/#readme>

Pi-hole DNS sinkhole for Linux:

<http://github.com/pi-hole/pi-hole/>

Pi-hole Blocklists:

<http://firebog.net/>

<http://arstech.net/pi-hole-blocking-lists-2023/>

<http://github.com/topics/pihole-blocklists/>

<http://github.com/hagezi/dns-blocklists/>

<http://github.com/jacklul/pihole-updatelists/>

DNS sinkhole:

http://en.wikipedia.org/wiki/DNS_sinkhole

* DNSCrypt Proxy clients for Windows NTx 32-bit + 64-bit use encrypted DNS protocol to authenticate + anonymize two way traffic between DNS client and DNSCrypt enabled DNS resolver, prevents DNS spoofing, DDoS attacks:

<http://dnscrypt.info/>

More Info:

<http://www.dnscrypt.org/>

DNSCrypt Proxy:

<http://github.com/DNSCrypt/dnscrypt-proxy/>

Download [ZIP -> Installer EXE]:

<http://github.com/dnscrypt/dnscrypt-proxy/releases/latest/>

DNSCrypt Documentation:

<http://github.com/DNSCrypt/dnscrypt-proxy/wiki/>

DNSCrypt Clients + DNSCrypt Servers:

<http://dnscrypt.info/implementations/>

DNSCrypt Clients:

<http://www.dnscrypt.org/#dnscrypt-windows>

DNSCrypt Public Root DNS Servers:

<http://dnscrypt.info/public-servers/>

DNSCrypt:

<http://en.wikipedia.org/wiki/DNSCrypt>

* Unbound 32-bit + 64-bit for Windows 7/newer 32-bit (x86) + 64-bit (x64) validating, recursive + caching DNS resolver, supports IPv6 (Internet Protocol version 6), DNSSEC (Domain Name System Security Extensions), NSEC (Next Secure Record), DNS over TLS (DoT) + DNS over HTTPS (DoH) encryption + protocols:

<http://nlnetlabs.nl/projects/unbound/>

Download [Portable ZIP]:

<http://nlnetlabs.nl/projects/unbound/download/>

Unbound Repository:

<http://github.com/NLnetLabs/unbound/>

Unbound Documentation:

<http://unbound.docs.nlnetlabs.nl/>

* Privoxy GUI interface + DOS console command line non-caching HTTP/web proxy with advanced filtering for enhanced privacy + safety, highly customizable:

<http://www.privoxy.org/>

Repository:

<http://sourceforge.net/projects/ijbswa/>

Download:

<http://www.privoxy.org/sf-download-mirror/Win32/>
<http://sourceforge.net/projects/ijbswa/files/Win32/>
Privoxy FAQ:
<http://www.privoxy.org/faq/>
Privoxy Online Manual:
<http://www.privoxy.org/user-manual/>
Proxy server:
http://en.wikipedia.org/wiki/Proxy_server

* Privoxy 32-bit + 64-bit DOS console command line MITM (Man In The Middle)
HTTP(S) low level incoming + outgoing tunnel
proxy ad(ware)/malware/spying/surveillance/tracking blocker/filter:
<http://github.com/Barre/privoxy/>
Download:
<http://github.com/Barre/privoxy/releases/latest/>
Proxy server:
http://en.wikipedia.org/wiki/Proxy_server

* PeerBlock [UNMAINTAINED !] Portable 32-bit + 64-bit for Windows XP/newer
personal firewall blocks/filters incoming +
outgoing dangerous/deceptive/insecure/invasive/intrusive/subversive/unsafe IPs +
ports [IPv4 only] from frequently updated +
user customized lists of blacklisted
ad(ware)/malware/spying/surveillance/tracking hosts/IPs:
<http://www.peerblock.com/>
Download [Portable ZIP]:
<http://code.google.com/archive/p/peerblock/downloads/>
PeerBlock 64-bit for Windows Vista/newer 64-bit (x64):
[http://storage.googleapis.com/google-code-archive-downloads/v2/code.google.com/peerblock/PeerBlock_r693__x64_Release_\(Vista\).zip](http://storage.googleapis.com/google-code-archive-downloads/v2/code.google.com/peerblock/PeerBlock_r693__x64_Release_(Vista).zip)
PeerBlock 32-bit for Windows Vista/newer 32-bit (x86):
[http://storage.googleapis.com/google-code-archive-downloads/v2/code.google.com/peerblock/PeerBlock_r693__Win32_Release_\(Vista\).zip](http://storage.googleapis.com/google-code-archive-downloads/v2/code.google.com/peerblock/PeerBlock_r693__Win32_Release_(Vista).zip)
PeerBlock Repository:
<http://code.google.com/archive/p/peerblock/>
<http://sourceforge.net/projects/peerblock/>
<http://github.com/PeerBlock/peerblock/>
I-Blocklist lists of blacklisted IPs [frequently updated]:
<http://www.iblocklist.com/lists>
Blocklists + Filterlists:
<http://github.com/badmojr/1Hosts/>
<http://filterlists.com/>
<http://github.com/yokoffing/filterlists/>
PeerBlock @ Wikipedia:
<http://en.wikipedia.org/wiki/PeerBlock>

* Wireshark (formerly Ethereal) 64-bit GUI interface + Tshark DOS console
command line for Windows 7/newer 64-bit (x64)
network protocols packet analyzer tools for troubleshooting, analysis, software
+ communications development + education:
<http://www.wireshark.org/>
Download [EXE Installer + Portable EXE]:
<http://www.wireshark.org/download.html>
LAST Wireshark version compatible with Windows 7 is 3.2.18:
- Wireshark 3.2.18 64-bit for Windows 7 64-bit (x64):
<http://2.na.dl.wireshark.org/win64/all-versions/Wireshark-pdb-win64-3.2.18.zip>
- Wireshark 3.2.18 32-bit for Windows 7 32-bit (x86):
<http://2.na.dl.wireshark.org/win32/all-versions/Wireshark-pdb-win32-3.2.18.zip>
Requires Microsoft Windows 7/newer CRT Updates:
- Universal C Runtime (CRT) Update:
<http://support.microsoft.com/help/2999226/>
- Universal C Runtime (CRT) Update:
<http://support.microsoft.com/help/3118401/>
Wireshark installs Npcap link-layer network access Driver + Libraries (DLLs) for

Windows 7/newer:
<http://npcap.com/>
Download [EXE Installer]:
<http://npcap.com/#download>
Wireshark User Guide:
http://www.wireshark.org/docs/wsug_html_chunked/ChIntroPlatforms.html
Wireshark Documentation:
<http://www.wireshark.org/docs/>
Wireshark Wiki:
<http://gitlab.com/wireshark/wireshark/-/wikis/>

* Winaero Tweaker 32-bit + 64-bit for Windows 7/8/8.1/10/11 [select Portable at install time!]:
<http://www.winaero.com/winaero-tweaker/>
Download:
<http://www.winaero.com/download-winaero-tweaker/>
Winaero Tweaker Features:
<http://www.winaero.com/the-list-of-winaero-tweaker-features/>

* UxStyle for Windows 7/8/8.1/10 Preview:
<http://www.uxstyle.com/>
<http://github.com/riverar/uxstyle/>
UxStyle for Windows 8/8.1:
http://www.uxstyle.com/builds/UxStyle_sep23_x86_x64_possibly_bugged.zip
UxStyle for Windows 7/7 SP1:
http://www.uxstyle.com/builds/UxStyle_Core_jul13_bits.zip
Aero Theme for Windows 8/8.1:
<http://simplexdesignsart.deviantart.com/art/Windows-Aero-536877982/>
<http://web.archive.org/web/20130402051457/http://xxinightxx.deviantart.com/art/Windows-7-Vs-REV-D-350491112/>
File:
<http://drive.google.com/uc?export=download&id=0B883uGPmNY72Sjk3dy1MTzBGVEE>
http://web.archive.org/web/20130402051457/http://www.deviantart.com/download/350491112/windows_7_vs_rev_d_by_xxinightxx-d5so8o8.zip
Windows 8/8.1 Themes:
<http://www.winaero.com/category/windows-8-themes/>

* UltraUXThemePatcher 32-bit + 64-bit for Windows XP/Vista/7/8/8.1/10/11 patches UX (User eXperience) Theme system files [uxtheme.dll, uxinit.dll, themeui.dll] to allow use of 3rd party/custom themes:
<http://mhoefs.eu/software/uxtheme.php>
UltraUXThemePatcher Guide:
<http://setupgamer.info/how-to-install-custom-windows-10-themes-and-visual-styles-with-ultrauxthemepatcher/>
UltraUXThemePatcher Tutorial:
<http://www.tenforums.com/customization/76077-ultrauxthemepatcher-recover-black-grey-screen-windows-8-10-a.html>
Windows 7/newer Themes:
<http://www.majorgeeks.com/files/categories/themes.html>
Windows 11 Themes:
<http://www.deviantart.com/tag/windows11themes/>
Windows 10 Themes:
<http://www.deviantart.com/tag/windows10themes/>
<http://www.deviantart.com/sagorpirbd/art/Aero-7-Themes-for-Win10-Final-523979941/>
<http://www.deviantart.com/niivu/art/Sweetness-for-Windows-10-826122176/>
Windows 8/8.1 Themes:
<http://www.deviantart.com/tag/windows8themes/>
Windows 7 Themes:
<http://www.deviantart.com/tag/windows7themes/>
View + Remove All built-in Windows 10 Themes:
http://www.majorgeeks.com/content/page/how_to_view_and_remove_all_windows_10_themes.html

* SecureUxTheme for Windows 8.1/10 patches UX (User eXperience) Theme system files [uxtheme.dll, uxinit.dll, themeui.dll] to allow use of 3rd party/custom themes:

<http://github.com/namazso/SecureUxTheme/>

Download:

<http://github.com/namazso/SecureUxTheme/releases/latest/>

SecureUxTheme Install Guide:

<http://github.com/namazso/SecureUxTheme/wiki/Help:-Step-by-step-installing-SecureUxTheme-and-a-custom-theme/>

Windows 7/newer Themes:

<http://www.majorgeeks.com/files/categories/themes.html>

Windows 11 Themes:

<http://www.deviantart.com/tag/windows11themes/>

Windows 10 Themes:

<http://www.deviantart.com/tag/windows10themes/>

<http://www.deviantart.com/sagorpirbd/art/Aero-7-Themes-for-Win10-Final-523979941/>

<http://www.deviantart.com/niivu/art/Sweetness-for-Windows-10-826122176/>

Windows 8/8.1 Themes:

<http://www.deviantart.com/tag/windows8themes/>

View + Remove All built-in Windows 10 Themes:

[http://www.majorgeeks.com/content/page/](http://www.majorgeeks.com/content/page/how_to_view_and_remove_all_windows_10_themes.html)

[how_to_view_and_remove_all_windows_10_themes.html](http://www.majorgeeks.com/content/page/how_to_view_and_remove_all_windows_10_themes.html)

* Classic Task Manager (TM) (TaskMgr.exe) Windows 7 style 32-bit + 64-bit for Windows 8/8.1/10/11:

<http://www.winaero.com/how-to-restore-the-good-old-task-manager-in-windows-8/>
Classic TM for Windows 10/11:

http://win7games.com/download/taskmgr_w10.zip

* K-Lite Codec Pack (KLCP) Mega audio, video + sub(title)s multimedia Codecs + Media Player Classic Home Cinema (MPC-HC)

Lite 32-bit + 64-bit:

http://www.codecguide.com/download_k-lite_codec_pack_mega.htm

File [attempts to install ADWARE/TRIALWARE !]:

http://www.majorgeeks.com/files/details/k_lite_mega_codec_pack.html

<http://www.videohelp.com/software/K-Lite-Codec-Pack>

KLCP Info:

http://en.wikipedia.org/wiki/K-Lite_Codec_Pack

OLD KLCP Versions:

<http://www.videohelp.com/software/K-Lite-Codec-Pack/old-versions#download>

MPC-HC recommended settings:

1. MPC-HC(64) -> pause -> right-click -> Options (O) -> Playback -> Output -> DirectShow Video [H/W] ->

Enhanced Video Renderer (EVR) -> Apply/OK.

<http://learn.microsoft.com/windows/win32/directshow/video-mixing-renderer-filter-9/>

2. MPC-HC(64) -> pause -> click RED LAV Video Decoder Taskbar icon -> Hardware Acceleration [H/W] ->

DXVA2 (DirectX Video Acceleration 2) (copyback) -> check ALL Resolutions + Codecs boxes EXCEPT DVD + VC-1 -> Apply/OK.

<http://anime.my/tutorials/watching-h264-videos-using-compute-unified-device-architecture-cuda/>

madVR Tutorial:

<http://anime.my/tutorials/madvr/>

* Open-Shell [Classic Shell fork] 32-bit + 64-bit Start Menu + button/icon/logo/orb, Explorer + IE enhancer, replacer, supports custom skins, buttons/logos, highly customizable:

<http://open-shell.github.io/Open-Shell-Menu/>

ReadMe:

<http://github.com/Open-Shell/Open-Shell-Menu/>

Download:

<http://github.com/Open-Shell/Open-Shell-Menu/releases/>

Open-Shell Guides:

<http://askleo.com/open-shell-regain-your-start-menu-in-windows-and-much-more/>
<http://www.techrepublic.com/article/how-to-use-open-shell-as-your-windows-10-start-menu/>

Custom Start button/icon/logo/orb Tutorial:

<http://coddec.github.io/Classic-Shell/www.classicshell.net/tutorials/buttontutorial.html>

Custom Skin Tutorial:

<http://coddec.github.io/Classic-Shell/www.classicshell.net/tutorials/skintutorial.html>

Skins:

<http://www.winaero.com/best-skins-for-classic-shells-start-menu/>
<http://www.classicshell.net/gallery/Start-Menu/skins/>
<http://www.classicshell.net/forum/viewforum.php?f=17>

Start Buttons/Orbs:

<http://www.classicshell.net/forum/viewforum.php?f=18>
<http://www.deviantart.com/w1ck3dmatt/art/Mega-Orb-Pack-150-start-orbs-259940654/>
<http://www.door2windows.com/customization/start-buttons/>
Aero Glass mod [Windows 8/8.1 style UI] for Windows 8/8.1/10/11:

<http://www.glass8.eu/>

Open-Shell/Classic Shell Free(ware) Alternatives:

<http://classicshell.sourceforge.net/alternatives.html>
<http://classic-shell.en.softonic.com/windows/alternatives/>
<http://www.alternativeto.net/software/classicshell/>
<http://www.makeuseof.com/tag/windows-start-menu-alternatives/>
<http://www.similarindex.com/classic-shell-alternatives/>

* 7+ Taskbar Tweaker (7TT) 32-bit + 64-bit (Portable) for Windows 7/newer adds hidden + unavailable Taskbar tray settings beyond Windows capabilities, highly customizable [select Portable at install time]:

<http://ramensoftware.com/7-taskbar-tweaker/>

<http://tweaker.ramensoftware.com/>

File [Install -> select Portable]:

http://ramensoftware.com/downloads/7tt_setup.exe

7+ Taskbar Tweaker (7TT) Portable:

<http://www.portableapps.com/apps/utilities/7plus-taskbar-tweaker-portable/>

7+ Taskbar Tweaker (7TT) Guide:

<http://www.winaero.com/get-a-classic-taskbar-in-windows-8-and-windows-7-that-works-like-xp/>

7+ Taskbar Tweaker (7TT) Advanced Settings:

<http://tweaker.ramensoftware.com/images/7-taskbar-tweaker.png>

7+ Taskbar Tweaker (7TT) Repository:

<http://github.com/m417z/7-Taskbar-Tweaker/>

7+ Taskbar Tweaker (7TT) Windhawk tweak mods for Windows 11 Taskbar:

<http://ramensoftware.com/windhawk-mods-for-the-windows-11-taskbar/>

BUG:

7+ Taskbar Tweaker (7TT) does NOT (yet) support NEWer Windows 11 Taskbar:

<http://ramensoftware.com/7-taskbar-tweaker-and-a-first-look-at-windows-11/>

FIX:

Restore classic Taskbar tray in Windows 11:

<http://ramensoftware.com/7-taskbar-tweaker-on-windows-11-with-windows-10s-taskbar/>

<http://www.winaero.com/winaero-tweaker-1-20-1-get-back-windows-10-start-menu-and-taskbar-in-windows-11/>

1. Install Winaero Tweaker:

<http://www.winaero.com/winaero-tweaker/>

2. Open/run/start Winaero Tweaker.

3. Go to: Windows 11 -> Classic Start Menu and Taskbar -> check "Enable Classic Taskbar and Start menu" box -> click

"Sign out now" button.

4. Log on/sign in back into Windows 11 under same user name.

5. Open/run/start 7+ Taskbar Tweaker (7TT) -> customize/tweak settings according to your needs/preferences -> done.

BONUS:

Windhawk customizes/tweaks Windows 10/11 app(lication)s/programs with mods:

<http://windhawk.net/>

Windhawk Repository:

<http://github.com/ramensoftware/windhawk/>

Windhawk Mods:

<http://windhawk.net/mods/>

Windhawk Mods Repository:

<http://github.com/ramensoftware/windhawk-mods/>

Windhawk Wiki Documentation:

<http://github.com/ramensoftware/windhawk/wiki/>

* PowerToys 64-bit for Windows 10/11 64-bit (x64): Color Picker, FancyZones, File Explorer Add-ons, Image Resizer, Keyboard Manager, PowerRename, PowerToys Run, Shortcut Guide:

<http://github.com/microsoft/PowerToys/>

Download:

<http://github.com/microsoft/PowerToys/releases/latest/>

Require Microsoft .NET Core + Desktop Runtime 3.1.x/newer 32-bit + 64-bit:

<http://dotnet.microsoft.com/download/dotnet/3.1/>

also here:

<http://www.mdgx.com/add.htm#NFR>

* UWPSpy Portable UWP (Universal Windows Platform) app(lication)s inspection tool for Windows 10/11 views, edits, experiments, manipulates, modifies + tweaks UI elements + properties in real time:

<http://ramensoftware.com/uwpspy/>

File:

<http://ramensoftware.com/downloads/UWPSpy.zip>

UWPSpy Repository:

<http://github.com/m417z/UWPSpy/>

* Restore Desktop Gadgets (Sidebar.exe + *.gadget) in Windows 8/8.1/10/11:

<http://www.winaero.com/desktop-gadgets-and-sidebar-for-windows-10/>

<http://www.winaero.com/blog/get-desktop-gadgets-back-in-windows-8-1-update/>

<http://win7gadgets.com/blog/how-install-desktop-gadgets-windows-10/>

<http://windows.gadgethacks.com/how-to/bring-desktop-gadgets-windows-10-0163567/>

Desktop Gadgets Installer:

<http://gadgetsrevived.com/download-sidebar/>

File:

<http://gadgetsrevived.com/wp-content/uploads/2013/10/DesktopGadgetsInstaller.zip>

Gadgets:

<http://gadgetsrevived.com/>

<http://win10gadgets.com/>

<http://win7gadgets.com/>

<http://www.gadgetskit.com/>

8GadgetPack for Windows 7/8/8.1/10/11:

<http://8gadgetpack.net/>

File:

http://8gadgetpack.net/dl_330/8GadgetPackSetup.msi

Run Widgets in Windows 10 using Rainmeter:

<http://win10widgets.com/>

Rainmeter:

<http://www.rainmeter.net/>

File:

<http://github.com/tjmarkham/win10widgets/releases/latest/>

XWidget for Windows 7 SP1/8/8.1/10/11 [OLDer versions freeware]:

http://download.cnet.com/XWidget/3000-12565_4-75609200.html

Neon Clock Widget for XWidget:

[http://www.softpedia.com/get/Windows-Widgets/Alarms-Clocks/Neon-Clock-](http://www.softpedia.com/get/Windows-Widgets/Alarms-Clocks/Neon-Clock-Widget.shtml)

[Widget.shtml](http://www.softpedia.com/get/Windows-Widgets/Alarms-Clocks/Neon-Clock-Widget.shtml)

* Missed Feature Installer for Windows 10 (MFI10) ISO optical disc image

collection of installers, apps, tools + games
removes/disables useless/annoying features, apps + tools and brings
back/installs/restores useful/favorite features, apps,
tools + games from previous Windows editions: XP, Vista, 7, 8, 8.1, highly
customizable:

<http://www.ghacks.net/2016/01/15/missed-feature-installer-for-windows-10/>

<http://www.thewindowsclub.com/missed-features-installer-for-windows-10/>

Download:

http://www.chip.de/downloads/Missed-Features-Installer-fuer-Windows-10_88552123.html

MFI10 [1.3 GB, ISO DVD image]:

http://securedl.cdn.chip.de/downloads/40922223/MFI10_1.0.iso

MFI10 requires a dedicated extractor or disc mount/emulator tool to extract
content from or mount ISO disc image [examples

of free(ware) programs]:

- 7-Zip:

<http://www.7-zip.org/>

- WinCDEmu:

<http://wincdemu.sysprogs.org/>

After that: Explorer -> right-click MFI10.exe -> Run as Administrator -> select +
install desired features/apps/tools/games.

* Windows 7 Games for Windows 8/8.1/10/11:

<http://www.winaero.com/blog/get-windows-7-games-for-windows-10/>

Download:

http://www.majorgeeks.com/files/details/windows_7_games_for_windows_10.html

File:

<http://www.winaero.com/download.php?view.1836>

* Windows 7 Games for Windows 10/11:

<http://win7games.com/#games>

File:

http://win7games.com/download/Win7Games4Win10_8_81_v2.zip

* Microsoft Media Feature Pack (MFP) installs Windows Media Player (WMP) +
Audio/Video Codecs (AVC) 32-bit + 64-bit for
Windows 10/11 N/KN 32-bit (x86) + 64-bit (x64):

<http://support.microsoft.com/help/3145500/>

More info:

http://www.codecguide.com/windows_media_codecs.htm

Media Foundation Codecs (MFC) for Windows 10/11 for Live/Metro/Screen/Start/Tile
(Store) UWP (Universal Windows Platform)
apps [.appx format]:

http://www.codecguide.com/media_foundation_codecs.htm

MFP 32-bit + 64-bit (English):

<http://www.microsoft.com/en-us/software-download/mediafeaturepack/>

Microsoft Media Feature Pack 2015 (MFP 2015) installs Windows Media Player 2015
(WMP 2015) + Audio/Video Codecs 2015 (AVC

2015) 32-bit + 64-bit for Windows 10 N/KN 2015 32-bit (x86) + 64-bit (x64):

<http://support.microsoft.com/help/3099229/>

MFP 2015 32-bit + 64-bit (English):

<http://www.microsoft.com/download/details.aspx?id=49919>

- MFP 2015 64-bit for Windows 10 N/KN 2015 64-bit (x64) [110 MB]:

http://download.microsoft.com/download/B/E/3/BE302763-5BFD-4209-9C98-02DF5B2DB452/KB3099229_x64.msu

- MFP 2015 32-bit for Windows 10 N/KN 2015 32-bit (x86) [74 MB]:

http://download.microsoft.com/download/B/E/3/BE302763-5BFD-4209-9C98-02DF5B2DB452/KB3099229_x86.msu

* Microsoft PowerShell 32-bit + 64-bit cross-platform task automation, scripting
language, configuration management
framework (.NET compatible) + interactive shell command line interface for
Windows XP/newer 32-bit (x86) + 64-bit (x64)
(English, free, open source):

<http://github.com/PowerShell/PowerShell/>
- PowerShell 32-bit + 64-bit for Windows 7 SP1/newer 32-bit (x86) + 64-bit (x64)
[20-100 MB]:
<http://github.com/PowerShell/PowerShell/releases/>
Windows 7 SP1/8/8.1/2012 32-bit + 64-bit require Windows 10 Universal C Runtime
(CRT) 32-bit + 64-bit:
<http://support.microsoft.com/help/3118401/>
UCRT All in One [ZIP]:
<http://download.microsoft.com/download/3/1/1/311C06C1-F162-405C-B538-D9DC3A4007D1/WindowsUCRT.zip>
UCRT Separate Files [MSU Installer]:
<http://www.catalog.update.microsoft.com/Search.aspx?q=3118401>
PowerShell Documentation:
<http://learn.microsoft.com/powershell/>

* Microsoft Windows Assessment and Deployment Kit (WADK) 32-bit + 64-bit for
Windows 10/2016/2019/11/2022 customizes Windows
images (.wim) for Windows installations + deployment by
adding/removing/customizing components/drivers/apps/add-ons,
includes tools: Windows Performance Toolkit (WPT), Windows Performance Recorder
(WPR), Windows Performance Analyzer (WPA),
Sysprep:
<http://learn.microsoft.com/windows-hardware/get-started/adk-install/>
WADK Setup [2.1 MB, Setup only]:
<http://download.microsoft.com/download/1/f/d/1fd2291e-c0e9-4ae0-beae-fbbe0fe41a5a/adk/adksetup.exe>
Windows Preinstallation Environment (PE) Add-on:
<http://learn.microsoft.com/windows-hardware/manufacture/desktop/winpe-intro/>
Windows PE Add-on:
<http://learn.microsoft.com/windows-hardware/manufacture/desktop/download-winpe--windows-pe/>
Windows PE Add-on Setup [1.6 MB, Setup only]:
<http://download.microsoft.com/download/5/5/e/55e3e34a-5708-46cd-a90d-92044c29336b/adkwinpeaddons/adkwinpesetup.exe>
WADK Setup + Windows PE Add-on Setup require an Internet connection + at least 1
GB of disk space for downloading
components.
WADK Tools:
<http://learn.microsoft.com/windows-hardware/get-started/what-s-new-in-kits-and-tools/>
OLDER WADK Editions + Tools for Windows 8/newer:
<http://learn.microsoft.com/windows-hardware/get-started/adk-install/#other-adk-downloads>
Windows 8/8.1/2012 require Microsoft .NET Framework Redistributable (NFR)
4.5/newer:
<http://www.mdgx.com/add.htm#NFR>
WADK What's New:
<http://learn.microsoft.com/windows-hardware/get-started/what-s-new-in-kits-and-tools/>
WADK Documentation:
<http://learn.microsoft.com/windows-hardware/test/assessments/>
WPT Documentation:
<http://learn.microsoft.com/windows-hardware/test/wpt/>
WPT Guide:
<http://blogs.windows.com/msedgedev/2016/05/11/top-down-analysis-wpt/>
WPT Info:
<http://www.tenforums.com/tutorials/117625-download-install-windows-performance-toolkit-windows-10-a.html>
WPT Install Guide:
<http://social.technet.microsoft.com/wiki/contents/articles/4847.install-the-windows-performance-toolkit-wpt.aspx>
WPR Documentation:
<http://learn.microsoft.com/windows-hardware/test/wpt/windows-performance-recorder/>

WPA Documentation:

<http://learn.microsoft.com/windows-hardware/test/wpt/windows-performance-analyzer/>

Microsoft Performance Toolkit (MPT) Software Developers Kit (SDK):

<http://github.com/microsoft/microsoft-performance-toolkit-sdk/>

MPT SDK Documentation:

<http://github.com/microsoft/microsoft-performance-toolkit-sdk/blob/main/documentation/Overview.md>

Microsoft Windows SDK 32-bit + 64-bit for Windows 10/2016/2019/11/2022:

<http://developer.microsoft.com/windows/downloads/sdk-archive/>

* Microsoft SetupDiag [SetupDiag.exe] diagnostic tool for Windows 10 parses Windows Setup log files (.etl + .log) and detects install/setup/update/upgrade/repair errors/failures:

<http://learn.microsoft.com/windows/deployment/upgrade/setupdiag/>

SetupDiag.exe [572 KB]:

<http://download.microsoft.com/download/d/8/1/d8149356-6590-4bec-b1bd-a2adcf84ace9/SetupDiag.exe>

Requires Microsoft .NET Framework Redistributable (NFR) 4.6/newer:

<http://www.mdgx.com/add.htm#NFR>

Microsoft Windows Setup Log Files and Event Logs:

<http://learn.microsoft.com/windows-hardware/manufacture/desktop/windows-setup-log-files-and-event-logs/>

Microsoft Windows 10 Setup [Setup.exe] Command Line Options:

<http://learn.microsoft.com/windows-hardware/manufacture/desktop/windows-setup-command-line-options/>

* Microsoft Windows Subsystem for Linux 2 (WSL2) for Windows 10/2016/2019/11/2022 allows to install + run a modern/recent Linux distro as guest operating system (OS) in a Windows Virtual Machine (VM) Platform like Hyper-V:

<http://learn.microsoft.com/windows/wsl/>

<http://www.makeuseof.com/how-to-install-wsl-2-on-windows-10/>

Install a Linux distro in Windows 10/11:

<http://learn.microsoft.com/windows/wsl/install/>

<http://www.windowscentral.com/how-install-wsl2-windows-10/>

<http://www.freecodecamp.org/news/how-to-install-wsl2-windows-subsystem-for-linux-2-on-windows-10/>

<http://pureinfotech.com/install-windows-subsystem-linux-2-windows-10/>

WSL2:

<http://learn.microsoft.com/windows/wsl/compare-versions/#whats-new-in-wsl-2>

WSL:

http://en.wikipedia.org/wiki/Windows_Subsystem_for_Linux

Hyper-V:

<http://learn.microsoft.com/virtualization/hyper-v-on-windows/>

Enable Hyper-V:

<http://learn.microsoft.com/virtualization/hyper-v-on-windows/quick-start/enable-hyper-v/>

Hyper-V:

<http://en.wikipedia.org/wiki/Hyper-V>

See also "Virtualization: Virtual Machine (VM) Tools + Emulators for Windows" section in SOFTWARE.TXT (included):

<http://www.mdgx.com/xptoy.htm#VPC>

and "Virtualization: Virtual Machine (VM) Tools + Emulators for DOS" section in SOFTWARE.TXT (included):

<http://www.mdgx.com/dos.htm#VM>

Linux distros:

<http://www.mdgx.com/linux.htm>

