# **Registry Patches for Windows 10**

# What

A list of Registry Patches that add Registry keys that change how Windows functions. Each Registry Patch in the list below is a link to the details of that Registry Patch. The details of the Registry Patch will describe what the Registry Patch does, the .reg file to copy to make your own .reg file, and the CMD to add the registry key which can be copied and used in an Administrator Command console or pasted into Notepad and save as a .bat file.

Note: Each of these Registry Patches has been tested on Windows 10 Home. Some of the Registry Patches can be accomplished thru the Group policy Editor on Pro and Enterprise versions.

Many of the registry Patches will work on Windows 11, but I have not personally tested them.

# Navigating and Using This Document

- Each item listed below in blue type is a link to the details of that item.
- The text in black below the link is a brief description of that item.
- Click the blue type to jump to that item.
- At the end of the details for each item is Return which is a link to return to the list of items.
- The first three items are instructions of various ways to install the Registry patches.
- Fach Registry patch has the .reg file command and the Command Console command each in a separate box. The commands in the box have the correct spacing and are suitable for copying. Be sure to copy everything in the box all at once. The commands may appear to be multiple lines, but really are just one long line.
- Some Registry patches cause an immediate change while other Registry patches require a reboot to for the change to occur. If you don't see the change after adding the registry patch then reboot.

# **Windows 10 Registry Patch Addition Instructions**

# Create and Use a .reg File

Instructions to create a .reg file and use that .reg file to add a Registry entry

# Use the Reg Add Command

Instructions to use the Reg Add command to add a Registry entry

## Create and Use a .bat File

Instructions to create and use a .bat file using the Reg Add command to add the Registry entry

# **Windows 10 Registry Patch List**

# Add Control Panel to Explorer

Adds Control Panel to the navigation pane of File Explorer for easy access. Has expanding cascading contents to locate the specific control panel settings you want.

#### AllowLOGOUTWithoutOK

Allows Outlook to close when hung due to syncing errors. This prevents having to restart Windows to get Outlook to completely close so it can reopen without any errors.

# Block Highlight Search

Blocks Highlight Searches. A Highlight Search is a search that highlights interesting moments in time both globally and in your area. Basically, other information not related to what you are searching for.

#### **Block New Outlook**

Prevents New Outlook from downloading to your PC during updates. If the New Outlook is already downloaded, delete that downloaded New Outlook and this registry edit will prevent New outlook from downloading again.

#### Block Web Search

Blocks Web page search results, restricts Windows Search to files, folders, and drives on your system, and blocks AI suggestions.

# Disable AI Features of Goggle Chrome

Prevents the AI components of Google Chrome from running.

#### Use AI in Chrome With No Data Collection

Prevents Google from collecting your data when using Chrome's AI features.

#### Disable Cortana

Prevent Cortana from running to free up resources and increase performance.

#### **Enable Cortana**

Allow Cortana to run.

#### **Hibernate Off**

Turns Hibernate function off, which turns Fast Startup off too. This also removes the large hiberfil.sys file and keep it off.

#### Hibernate On

Turns the Hibernate function on, which also turns Fast Startup on.

#### Copilot Off – Windows

Turns Copilot off for use in Windows.

## Copilot On – Windows

Turns Copilot on after being turned off with a registry setting.

# Copilot Off – Edge

Turns Copilot off in the Edge browser which includes Bing Chat.

# Copilot On – Edge

Turns Copilot on in Edge when it was turned off by the prior registry edit.

#### No Fast Boot

Turns Fast Boot off. Used to keep Hibernate on and Fast Boot off.

# Yes Fast Boot

Turns Fast Boot on when turned off by prior registry setting.

#### Keep Windows 10

Keeps Microsoft updates from updating a Windows 10 PC to Windows 11.

#### **Increase Windows Borders**

Increases the size of the borders of an opened window which makes grabbing the border to resize easier.

## Open Outlook Offline

Opens Outlook Offline and then one clicked to be online when you decide.

## Open Outlook Online

Opens Outlook Offline after using the prior registry edit to open offline.

#### No Shortcut Arrow

Removes the shortcut arrow from the icon for all shortcuts.

#### Add App To Context Menu

Add any app to the right click Context menu so that you can open a often used app from the Context menu

#### Increase Width of Scroll Bars

Increase the Width of the scroll bars in open windows which makes a bigger area for grabbing the scroll bar and thus easier to use a scroll bar.

#### Increase Restore Point Frequency

Removes Windows limit that only one Restore Point can be made in any 24 hour period which means only one Restore point per 24 hours and allows Restore Points to be made as often as you want.

# Create and Use a .reg File

#### Create

- Open a new Notepad document.
- All the .reg files will start with Windows Registry Editor Version 5.00 on the first line and it is an
  important part of the .reg command. It must be part of the .reg file you are copying.
- o Copy the all of the .reg file at once.
- Paste in the new Notepad document.
- Select File > Save as to open the Save as window. Choose a location to save the document.
   Change the Save as type: to All Files. Enter a name for the file that represents the key being added and .reg must be added to the end of the name such as Patch.reg. Click Save.

#### Use

- Click the .reg file to Merge the .reg file.
- o A UAC window will open asking permission to make changes which you click Yes.
- A warning statement about the dangers of editing the Registry opens and ask are you sure to want to make these changes which you answer Yes.
- The .reg file is merged and a window will open stating that the registry key was successfully added.

#### Return

# Use the Reg Add Command

- Copy the entire Reg Add command all at once.
- Open an Administrator Command console by opening a Run box (WinKey +R), enter cmd, pressing the Ctrl + Shift + Enter keys at the same time, and clicking Yes to the UAC window.
- Place the pointer at the prompt (>) and right click which will paste the Reg Add command you copied.
- Press the Enter key.
- The key will be added without any warning or approval windows.
- The console will respond that the key was successfully added.

#### Return

## Create and Use a .bat file

#### Create

- Copy the entire Reg Add command all at once.
- o Open a new Notepad document and paste the command into the document.
- Select File > Save as to open the Save as window. Choose a location to save the document.
   Change the Save as type: to All Files. Enter a name for the file that represents the key being added and .bat must be added to the end of the name such as Patch.bat. Click Save.

#### Use

- o Right click the .bat file and select *Run as administrator*.
- Click Yes to the UAC query.
- The command will run and add the key and it will appear that nothing has happened, but the key
  was added. You can check the Registry to see if the key was added if you want; however, usually
  those that use this method already know the .bat file works and adds the key.

#### Return

# Add Control Panel to Explorer

Description: Adds the Control Panel and all its applets to the bottom of the Navigation pane in File Explorer. This allows access to any Control Panel settings from File Explorer.

.reg File:

Windows Registry Editor Version 5.00

 $[HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\MyCompute r\NameSpace\{21EC2020-3AEA-1069-A2DD-08002B30309D\}]$ 

### CMD:

 $Reg\ Add\ HKLM\SOFTWARE\Microsoft\Windows\Current\Version\Explorer\MyComputer\NameSpace\{21EC2020-3AEA-1069-A2DD-08002B30309D}\/f$ 

#### Return

## <u>AllowLOGOUTWithoutOK</u>

Description: Allows Outlook to close without getting an OK from the folder syncing process with IMAP accounts. Syncing errors can prevent Outlook from closing. This key allows

Outlook to close even with those syncing errors.

.reg File:

Windows Registry Editor Version 5.00

[HKEY\_CURRENT\_USER\SOFTWARE\Microsoft\Office\16.0\Outlook\IMAP] "AllowLOGOUTWithoutOK"=dword:00000001

## CMD:

Reg Add HKCU\SOFTWARE\Microsoft\Office\16.0\Outlook\IMAP /v AllowLOGOUTWithoutOK /t REG DWORD /d 1 /f

#### Return

## Block Highlight Search

Description: Block Windows Search from doing a dynamic content search and presenting highlight icons to show Bing search results based upon content in your local area. This key is not

needed if you use the key to block all web searches (Block Web Search).

.reg File:

Windows Registry Editor Version 5.00

[HKEY\_LOCAL\_MACHINE\SOFTWARE\Policies\Microsoft\Windows\Windows Search] "EnableDynamicContentInWSB"=dword:00000000

CMD:

Reg Add "HKLM\SOFTWARE\Policies\Microsoft\Windows\Windows Search" /v EnableDynamicContentInWSB /t REG\_DWORD /d 0 /f

#### Return

# **Block New Outlook**

Description: Prevents the New Outlook from being downloaded via Microsoft updates. This does not

remove the New Outlook, but if the New Outlook is removed or has not been

downloaded the key will keep it from downloading.

.reg File:

Windows Registry Editor Version 5.00

[HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\WindowsUpdate\Orchestrator\UScheduler\_Oobel

"BlockedOobeUpdaters"="[\"MS\_Outlook\"]"

#### CMD:

Reg add HKLM\SOFTWARE\Microsoft\WindowsUpdate\Orchestrator\UScheduler\_Oobe /v BlockedOobeUpdaters /t REG\_SZ /d [\"MS\_OUTLOOK\"] /f

#### Return

# **Block Web Search**

Description: Prevent Windows Search from getting and displaying search results from the Internet

and restrict Windows Search to files, folders, and drives on your system. This blocks

the AI function used on searches.

.reg File:

Windows Registry Editor Version 5.00

[HKEY\_CURRENT\_USER\SOFTWARE\Policies\Microsoft\Windows\Explorer]

"DisableSearchBoxSuggestions"=dword:00000001

CMD:

Reg Add HKCU\SOFTWARE\Policies\Microsoft\Windows\Explorer /v DisableSearchBoxSuggestions /t REG\_DWORD /d 1 /f

Return

# Disable AI Features of Goggle Chrome

Description: Prevents the various AI Featured components of Google Chrome from running. Each

feature has a separate key to keep that AI component from running. See the Use AI in Chrome With No Data Collection Registry patch below to use Chrome's AI features

without Google collecting your data.

.reg File:

Windows Registry Editor Version 5.00

[HKEY\_LOCAL\_MACHINE\SOFTWARE\Policies\Google\Chrome]

"TabOrganizerSettings"=dword:00000002

"CreateThemesSettings"=dword:00000002

"HelpMeWriteSettings"=dword:00000002

"DevToolsGenAiSettings"=dword:00000002

"HistorySearchSettings"=dword:00000002

"TabCompareSettings"=dword:00000002

"HelpMeReadSettings"=dword:00000002

"GenAiDefaultSettings"=dword:00000002

"GenAIL ocal Foundational Model Settings" = dword: 00000001

Reg Add HKLM\SOFTWARE\Policies\Google\Chrome /v TabOrganizerSettings /t REG\_DWORD /d 2 /f

Reg Add HKLM\SOFTWARE\Policies\Google\Chrome /v CreateThemesSettings /t REG\_DWORD /d 2 /f

Reg Add HKLM\SOFTWARE\Policies\Google\Chrome /v HelpMeWriteSettings /t REG\_DWORD /d 2 /f

Reg Add HKLM\SOFTWARE\Policies\Google\Chrome /v DevToolsGenAiSettings /t REG\_DWORD /d 2 /f

Reg Add HKLM\SOFTWARE\Policies\Google\Chrome /v HistorySearchSettings /t REG\_DWORD /d 2 /f

Reg Add HKLM\SOFTWARE\Policies\Google\Chrome /v TabCompareSettings /t REG\_DWORD /d 2 /f

Reg Add HKLM\SOFTWARE\Policies\Google\Chrome /v HelpMeReadSettings /t REG\_DWORD /d 2 /f

Reg Add HKLM\SOFTWARE\Policies\Google\Chrome /v GenAiDefaultSettings /t REG\_DWORD /d 2 /f

Reg Add HKLM\SOFTWARE\Policies\Google\Chrome /v GenAILocalFoundationalModelSettings /t REG\_DWORD /d 1 /f

#### Return

# Use AI in Chrome With No Data Collection

Description: Changes Chrome's settings so you can use Chrome's AI features, but Google will not collect and keep your data.

.reg File:

Windows Registry Editor Version 5.00

[HKEY\_LOCAL\_MACHINE\SOFTWARE\Policies\Google\Chrome]

"TabOrganizerSettings"=dword:00000001

"CreateThemesSettings"=dword:00000001

"HelpMeWriteSettings"=dword:00000001

"DevToolsGenAiSettings"=dword:00000001

"HistorySearchSettings"=dword:00000001

"TabCompareSettings"=dword:00000001

"HelpMeReadSettings"=dword:00000001

"GenAiDefaultSettings" = dword: 00000001

"GenAILocalFoundationalModelSettings"=dword:00000000

Reg Add HKLM\SOFTWARE\Policies\Google\Chrome /v TabOrganizerSettings /t REG\_DWORD /d 1 /f

Reg Add HKLM\SOFTWARE\Policies\Google\Chrome /v CreateThemesSettings /t REG\_DWORD /d 1 /f

Reg Add HKLM\SOFTWARE\Policies\Google\Chrome /v HelpMeWriteSettings /t REG\_DWORD /d 1 /f

Reg Add HKLM\SOFTWARE\Policies\Google\Chrome /v DevToolsGenAiSettings /t REG\_DWORD /d 1 /f

Reg Add HKLM\SOFTWARE\Policies\Google\Chrome /v HistorySearchSettings /t REG\_DWORD /d 1 /f

Reg Add HKLM\SOFTWARE\Policies\Google\Chrome /v TabCompareSettings /t REG\_DWORD /d 1 /f

Reg Add HKLM\SOFTWARE\Policies\Google\Chrome /v HelpMeReadSettings /t REG\_DWORD /d 1 /f

Reg Add HKLM\SOFTWARE\Policies\Google\Chrome /v GenAiDefaultSettings /t REG\_DWORD /d 1 /f

Reg Add HKLM\SOFTWARE\Policies\Google\Chrome /v GenAILocalFoundationalModelSettings /t REG\_DWORD /d 0 /f

## Return

### Disable Cortana

Description: Prevent Cortana from running in the background which frees up resources for better performance.

.reg File:

Windows Registry Editor Version 5.00

[HKEY\_LOCAL\_MACHINE\SOFTWARE\Policies\Microsoft\Windows\Windows Search] "AllowCortana"=dword:00000000

#### CMD:

Reg Add "HKLM\SOFTWARE\Policies\Microsoft\Windows\Windows Search" /v AllowCortana /t REG DWORD /d 0 /f

#### Return

#### **Enable Cortana**

Description: Allow Cortana to run.

.reg File:

Windows Registry Editor Version 5.00

[HKEY\_LOCAL\_MACHINE\SOFTWARE\Policies\Microsoft\Windows\Windows Search] "AllowCortana"=dword:00000001

CMD:

Reg Add "HKLM\SOFTWARE\Policies\Microsoft\Windows\Windows Search" /v AllowCortana /t REG\_DWORD /d 1 /f

#### Return

# Hibernate Off

Description: Turns the Hibernate function off to save the space that the large file it creates uses.

Note: Turning the Hibernate function off also turns Fast Startup off.

.reg File:

Windows Registry Editor Version 5.00

[HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Control\Power] "HibernateEnabledDefault"=dword:00000000

CMD:

Reg Add "HKLM\SYSTEM\CurrentControlSet\Control\Power" /v HibernateEnabledDefault /t REG DWORD /d 0 /f

#### Return

#### Hibernate On

Description: Turns the Hibernate function on which allows Fast Startup to function.

.reg File:

Windows Registry Editor Version 5.00

[HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Control\Power] "HibernateEnabledDefault"=dword:00000001

Reg Add "HKLM\SYSTEM\CurrentControlSet\Control\Power" /v HibernateEnabledDefault /t REG\_DWORD /d 1 /f

#### Return

# Copilot Off - Windows

Description: Turns the Copilot AI function off in Windows. See Block Web Search and Copilot Off – Edge Registry edit for complete AI removal.

# .reg File:

Windows Registry Editor Version 5.00

[HKEY\_CURRENT\_USER\Software\Policies\Microsoft\Windows\WindowsCopilot] "TurnOffWindowsCopilot"=dword:00000001

[HKEY\_LOCAL\_MACHINE\SOFTWARE\Policies\Microsoft\Windows\WindowsCopilot] "TurnOffWindowsCopilot"=dword:0000001

#### CMD:

Reg Add "HKCU\Software\Policies\Microsoft\Windows\WindowsCopilot" /v TurnOffWindowsCopilot /t REG\_DWORD /d 1 /f Reg Add "HKLM\Software\Policies\Microsoft\Windows\WindowsCopilot" /v TurnOffWindowsCopilot /t REG\_DWORD /d 1 /f

### Return

#### Copilot On - Windows

Description: Turns the Copilot functions in Windows on when the Copilot functions were turned off by the prior registry edit.

## .reg File:

Windows Registry Editor Version 5.00

[HKEY\_CURRENT\_USER\Software\Policies\Microsoft\Windows\WindowsCopilot] "TurnOffWindowsCopilot"=dword:00000000

[HKEY\_LOCAL\_MACHINE\SOFTWARE\Policies\Microsoft\Windows\WindowsCopilot] "TurnOffWindowsCopilot"=dword:00000000

Reg Add "HKCU\Software\Policies\Microsoft\Windows\WindowsCopilot" /v TurnOffWindowsCopilot /t REG\_DWORD /d 0 /f Reg Add "HKLM\Software\Policies\Microsoft\Windows\WindowsCopilot" /v TurnOffWindowsCopilot /t REG\_DWORD /d 0 /f

#### Return

# Copilot Off – Edge

Description: Turns the Copilot functions in Edge off. Turns off Edge sidebar hubs and Bing chat.

# .reg File:

Windows Registry Editor Version 5.00

[HKEY\_LOCAL\_MACHINE\SOFTWARE\Policies\Microsoft\Edge]

"HubsSidebarEnabled"=dword:00000000

"NewTabPageBingChatEnabled"=dword:00000000

#### CMD:

Reg Add "HKLM\Software\Policies\Microsoft\Edge" /v HubsSidebarEnabled /t REG\_DWORD /d 0 /f

Reg Add "HKLM\Software\Policies\Microsoft\Edge" /v NewTabPageBingChatEnabled /t REG\_DWORD /d 0 /f

#### Return

# <u>Copilot On – Edge</u>

Description: Turns the Copilot functions in Edge on when it was turned off by the prior registry edit.

# .reg File:

Windows Registry Editor Version 5.00

[HKEY\_LOCAL\_MACHINE\SOFTWARE\Policies\Microsoft\Edge]

"HubsSidebarEnabled"=dword:00000001

"NewTabPageBingChatEnabled"=dword:00000001

Reg Add "HKLM\Software\Policies\Microsoft\Edge" /v HubsSidebarEnabled /t REG\_DWORD /d 1 / f

Reg Add "HKLM\Software\Policies\Microsoft\Edge" /v NewTabPageBingChatEnabled /t REG\_DWORD /d 1 /f

#### Return

## No Fast Boot

Description: Turns the Fast Boot function off. Note: Used to turn Fast Boot off while leaving Hibernate on.

.reg File:

Windows Registry Editor Version 5.00

[HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Control\Session Manager\Power] "HiberbootEnabled"=dword:00000000

#### CMD:

Reg Add "HKLM\SYSTEM\CurrentControlSet\Control\Session Manager\Power " /v HiberbootEnabled /t REG\_DWORD /d 0 /f

#### Return

## Yes Fast Boot

Description: Turns the Fast Boot function back on when it was turned off with the prior registry edit.

Note: Fast Boot will not function if the Hibernate function is turned off.

.reg File:

Windows Registry Editor Version 5.00

[HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Control\Session Manager\Power] "HiberbootEnabled"=dword:0000001

Reg Add "HKLM\SYSTEM\CurrentControlSet\Control\Session Manager\Power " /v HiberbootEnabled /t REG\_DWORD /d 1 /f

#### Return

# Keep Windows 10

Description: Keeps Microsoft from upgrading a Windows 10 PC to Windows 11.

.reg File:

Windows Registry Editor Version 5.00

[[HKEY\_LOCAL\_MACHINE\SOFTWARE\Policies\Microsoft\Windows\WindowsUpdate] "TargetReleaseVersion"=dword:00000001 "ProductVersion"="Windows 10"

#### CMD:

Reg Add "HKLM\SOFTWARE\Policies\Microsoft\Windows\WindowsUpdate" /v TargetReleaseVersion /t REG\_DWORD /d 1 /f Reg Add "HKLM\SOFTWARE\Policies\Microsoft\Windows\WindowsUpdate " /v ProductVersion /t REG\_SZ /d "Windows 10" /f

#### Return

## **Increase Windows Borders**

Description: Increases the size of the borders of an opened window which makes grabbing the border to resize easier.

.reg File:

Windows Registry Editor Version 5.00

[HKEY\_CURRENT\_USER\Control Panel\Desktop\WindowMetrics] "BorderWidth"="-160"

## CMD:

Reg Add "HKCU\Control Panel\Desktop\WindowMetrics" /v BorderWidth /t REG\_SZ /d -160 /f

#### Return

# Open Outlook Offline

Description: Opens Outlook Offline and then one clicked to be online when you decide.

.reg File:

Windows Registry Editor Version 5.00

## CMD:

#### **REG ADD**

#### Return

# **Open Outlook Online**

Description: Opens Outlook Offline after using the prior registry edit to open offline.

.reg File:

Windows Registry Editor Version 5.00

#### CMD:

#### **REG ADD**

#### Return

# No Shortcut Arrow

*Description:* Remove the shortcut arrow Windows places on all shortcut icons.

.reg File:

Windows Registry Editor Version 5.00

[HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\Shell Icons] "29"="%windir%\\System32\\shell32.dll,-50"

#### CMD:

REG ADD "HKLM\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\Shell Icons" /v 29 /t REG\_SZ /d %windir%\\System32\\shell32.dll,-50 /f

#### Return

# Add App To Context Menu

Description: Add any app to Windows right click Context menu that will open that app if selected providing a quick way to open an app that you open often.

.reg File:

Windows Registry Editor Version 5.00

[HKEY\_CLASSES\_ROOT\Directory\Background\shell\XXXX\command] @=Path address of App

Replace **XXXX** with the name of the app as you want it to appear in the Context menu. Replace **Path address of App** with the Path address to the App's execution file that opens the app such as "C:\Windows\System32\notepad.exe" for the NotePad app. Be sure to place the Path address in quotation marks.

#### CMD:

REG ADD HKCR\Directory\Background\shell\XXXX\command /ve /t REG\_SZ /d Path address of App /f

Replace XXXX with the name of the app as you want it to appear in the Context menu.

Replace Path address of App with the Path address to the App's execution file that opens the app such as "C:\Windows\System32\notepad.exe" for the NotePad app. Be sure to place the Path address in quotation marks.

#### Return

## Increase Width of Scroll Bars

Description: Increase the Width of the scroll bars in open windows which makes a bigger area for grabbing the scroll bar and thus easier to use a scroll bar.

.reg File:

Windows Registry Editor Version 5.00

[HKEY\_CURRENT\_USER\Control Panel\Desktop\WindowMetrics] "ScrollWidth"="-400"

#### CMD:

REG ADD "HKCU\Control Panel\Desktop\WindowMetrics" /v ScrollWidth /t REG\_SZ /d -400 /f

Note: Scroll Width's default setting is -252 and the -400 value will increase the scroll bar thickness almost twice what it was. You can adjust that number to suit you using the above numbers as a guide. Also notice that these are negative numbers.

Some apps do not use Windows Metrics for their App's window and this registry will not change the with of the scroll bar in those apps.

#### Return

# <u>Increase Restore Point Frequency</u>

Description: Removes Windows limit that only one Restore Point can be made in any 24 hour period which means only one Restore point per 24 hours and allows Restore Points to be made as often as you want.

.reg File:

Windows Registry Editor Version 5.00

[HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\SystemRestore] "SystemRestorePointCreationFrequency"=dword:00000000

REG ADD "HKLM\SOFTWARE\Microsoft\Windows NT\CurrentVersion\SystemRestore" /v SystemRestorePointCreationFrequency /t REG\_DWORD /d 0 /f

Return