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adolfintel Fixed a typo

Latest commit b02ff23 on 28 Jan

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Windows 10 Privacy Guide - October 2018 Update



Introduction

Windows 10 has raised several concerns about privacy due to the fact that it has a lot of telemetry and online features. In response to these concerns, Microsoft released [a document explaining exactly what data they collect](#), and now Windows 10 even has a [Diagnostic Data Viewer](#). Most of it seems pretty legit stuff when telemetry is set to basic, but still, if you don't trust them, here's how to prevent Windows 10 from sending your data to Microsoft.

Last update: January 28, 2019

Important: This procedure cannot be reversed without reinstalling Windows. Do not follow this guide if:

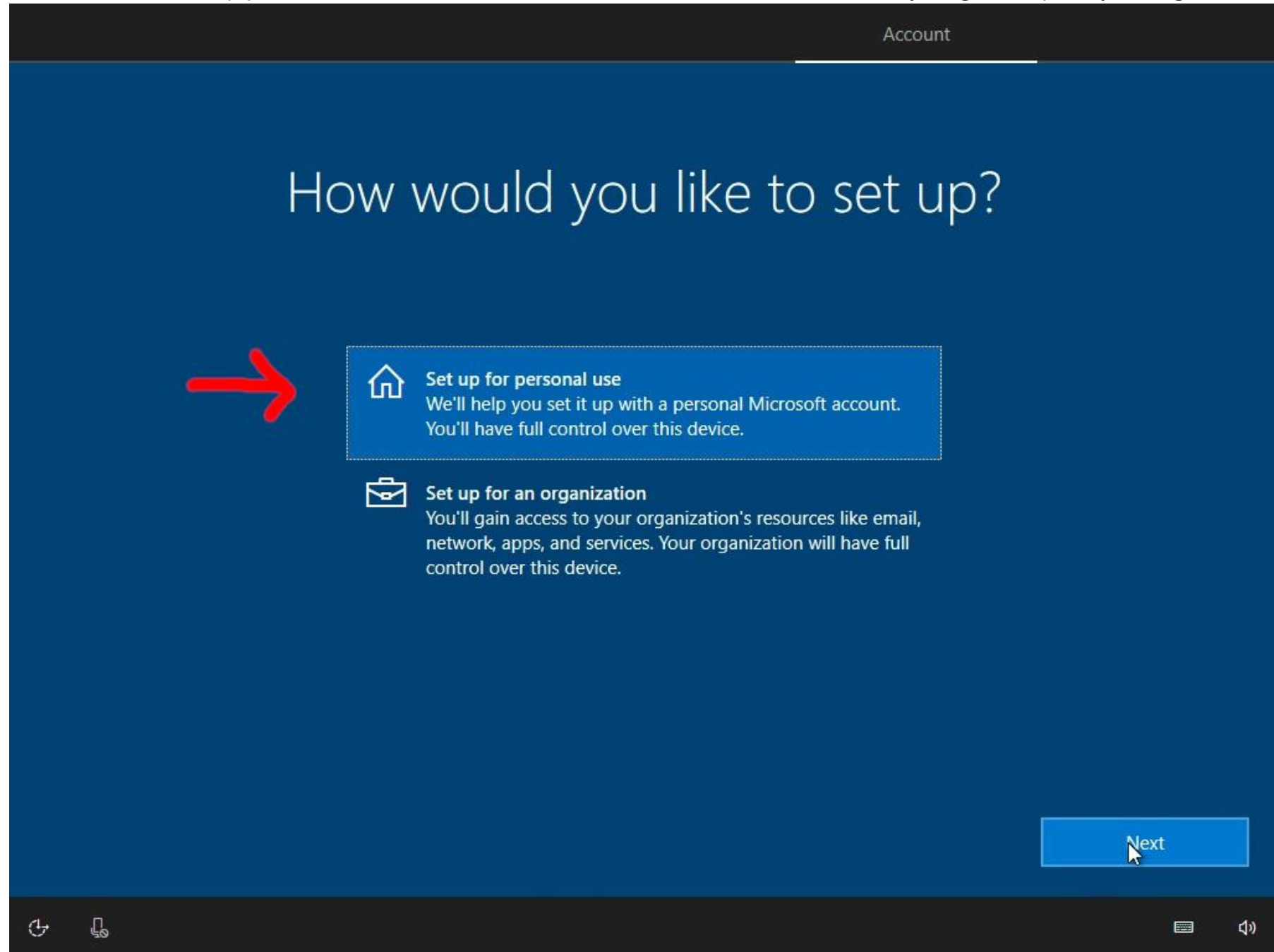
- You are not an experienced user
- You need to use a Microsoft Account for any reason (outside of your web browser)
- You need to download anything from the Windows Store (including distros for the Linux subsystem if you want to use it)
- You need to add/remove user accounts to your PC (new accounts will not work properly)

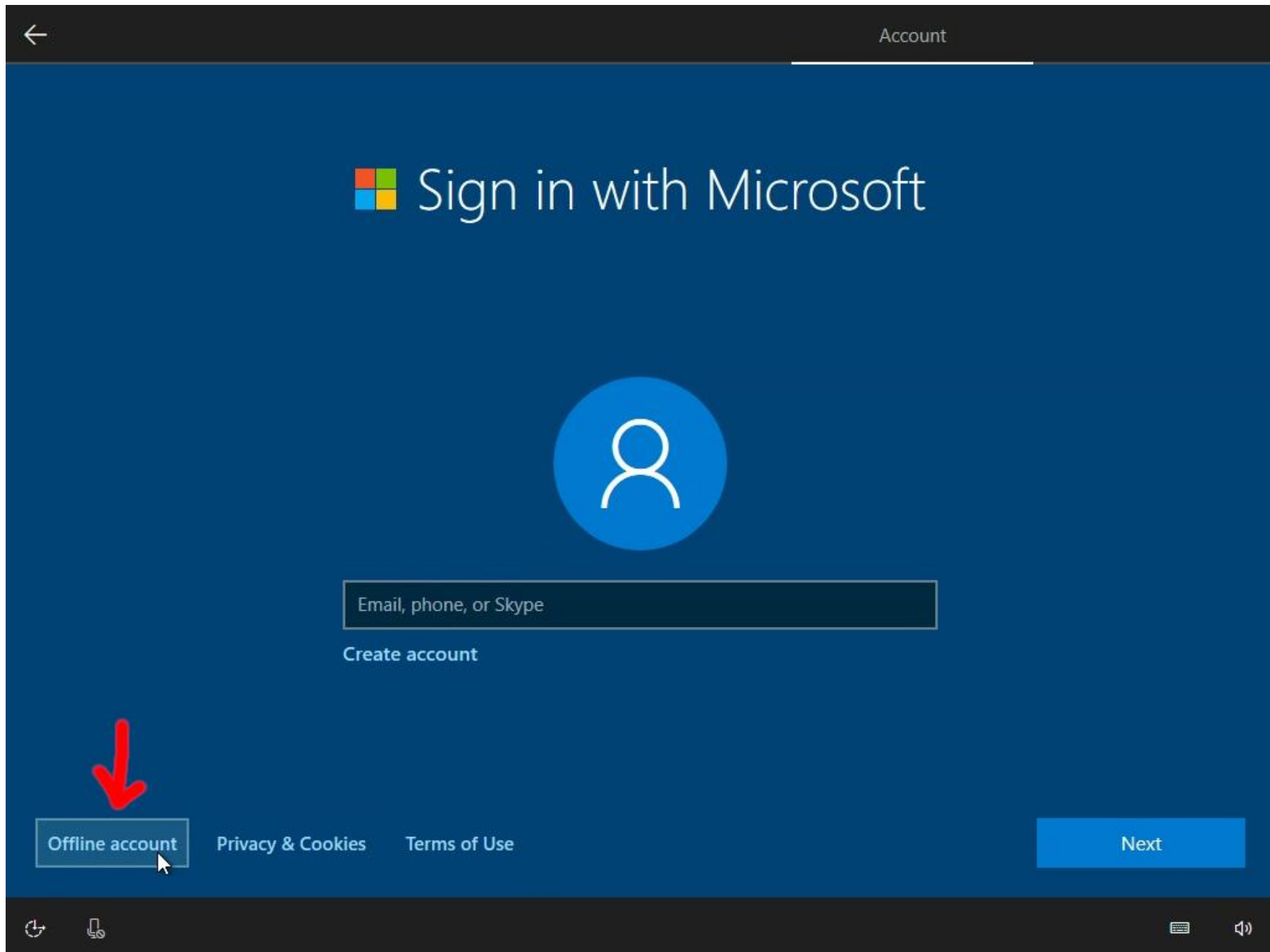
You're doing this at your own risk, I am not responsible for any data loss or damage that may occur.

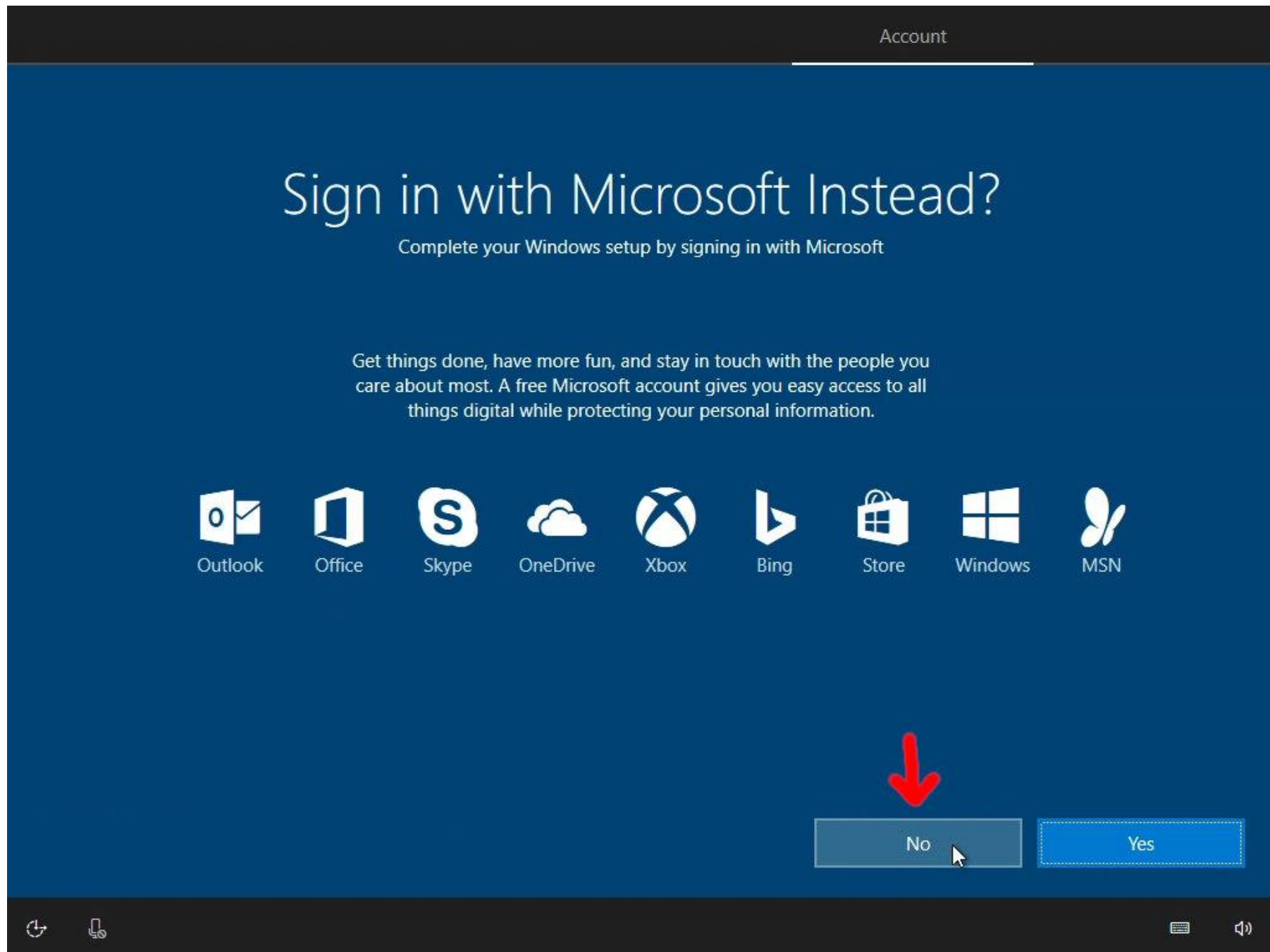
Let's start.

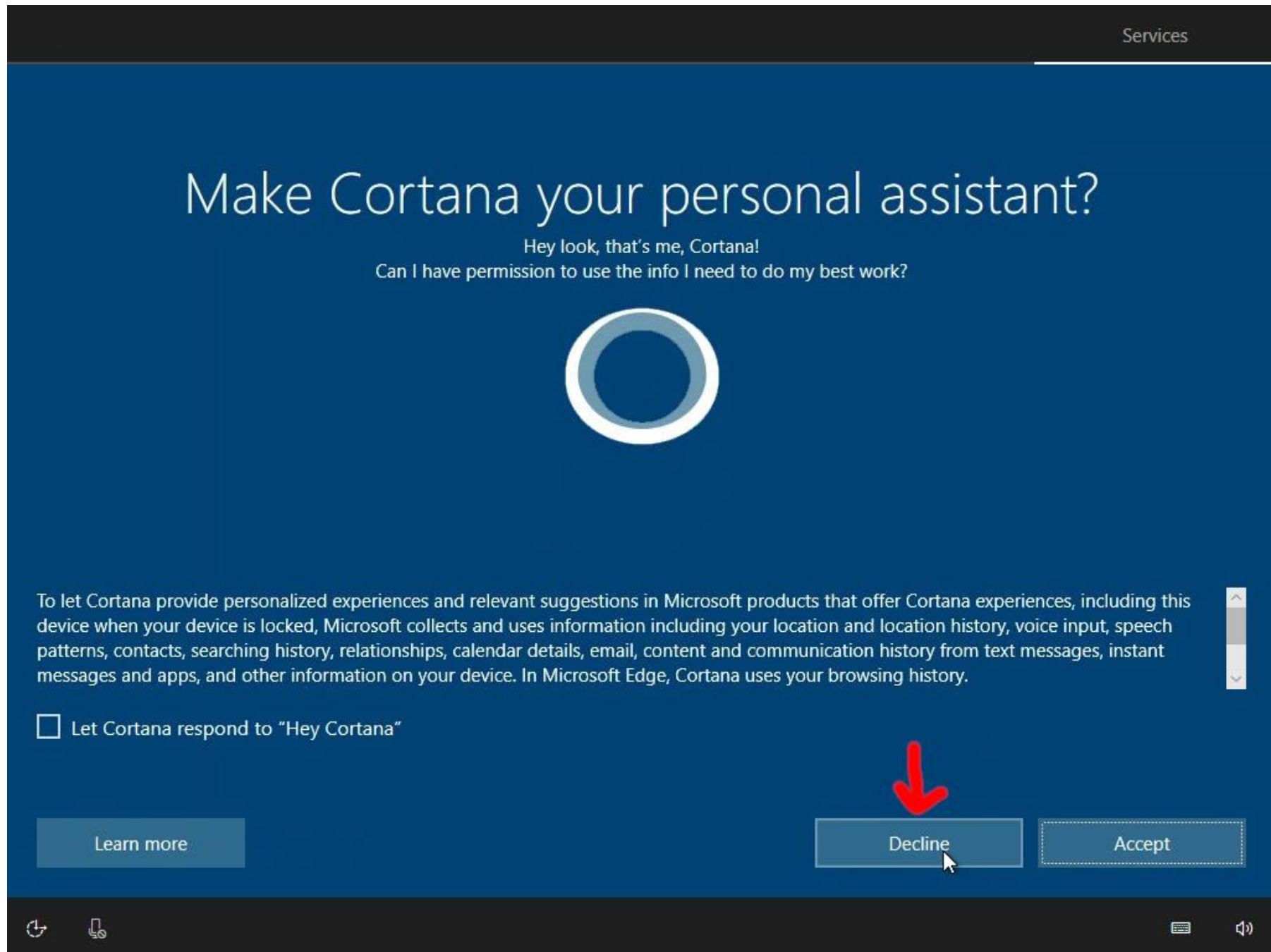
Do not use the default settings

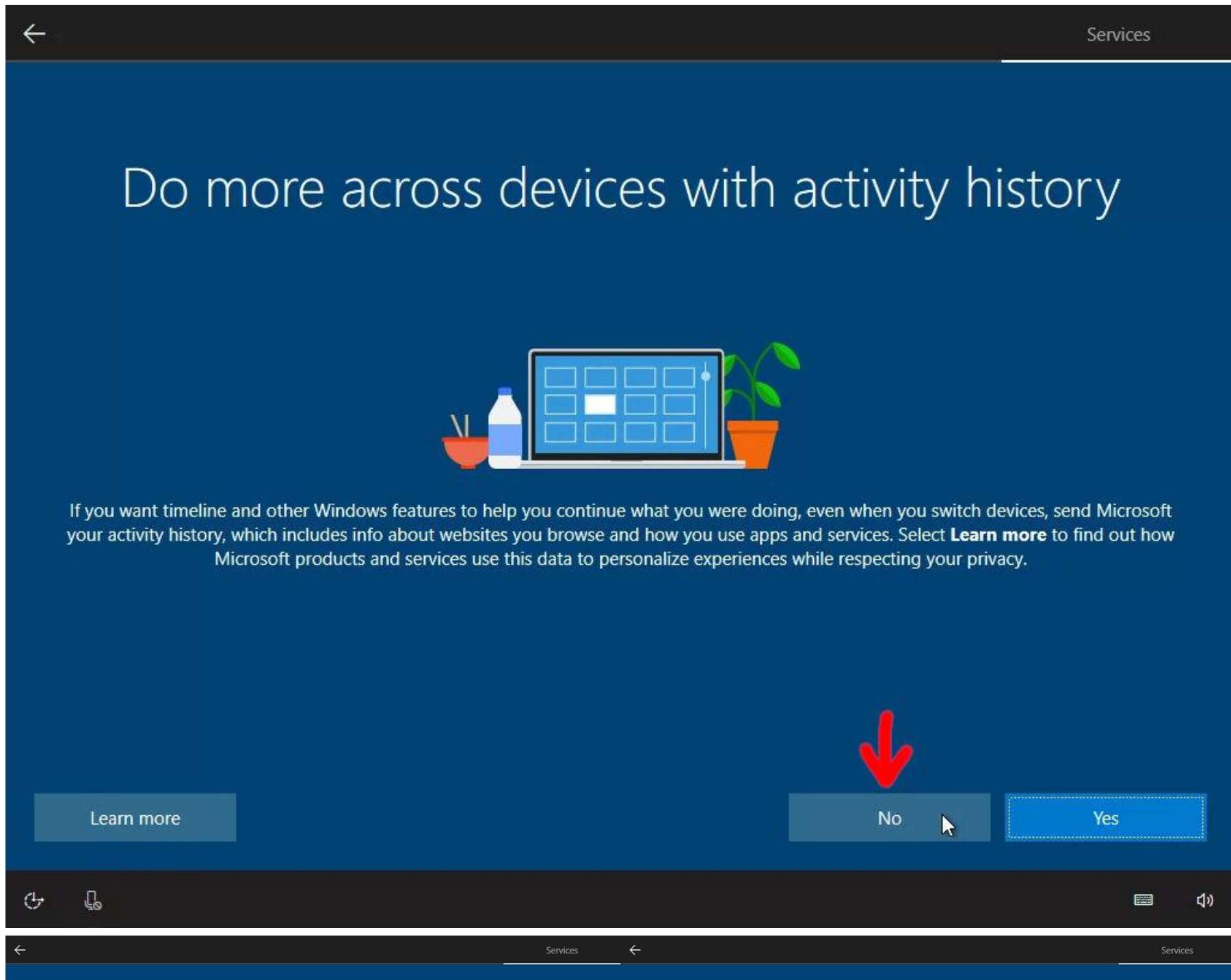
At the end of the setup process, create a local account, don't use Cortana and turn off everything in the privacy settings.

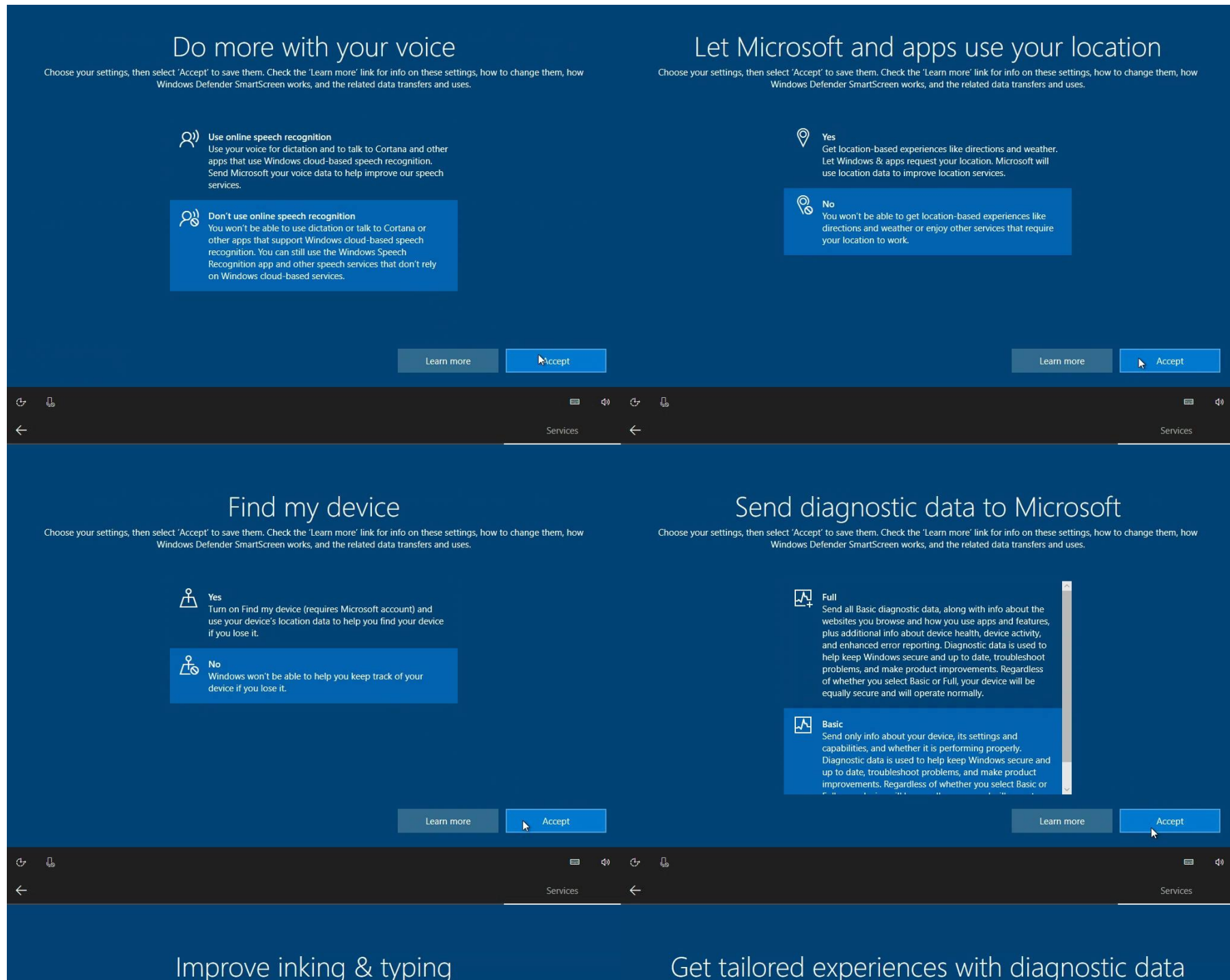


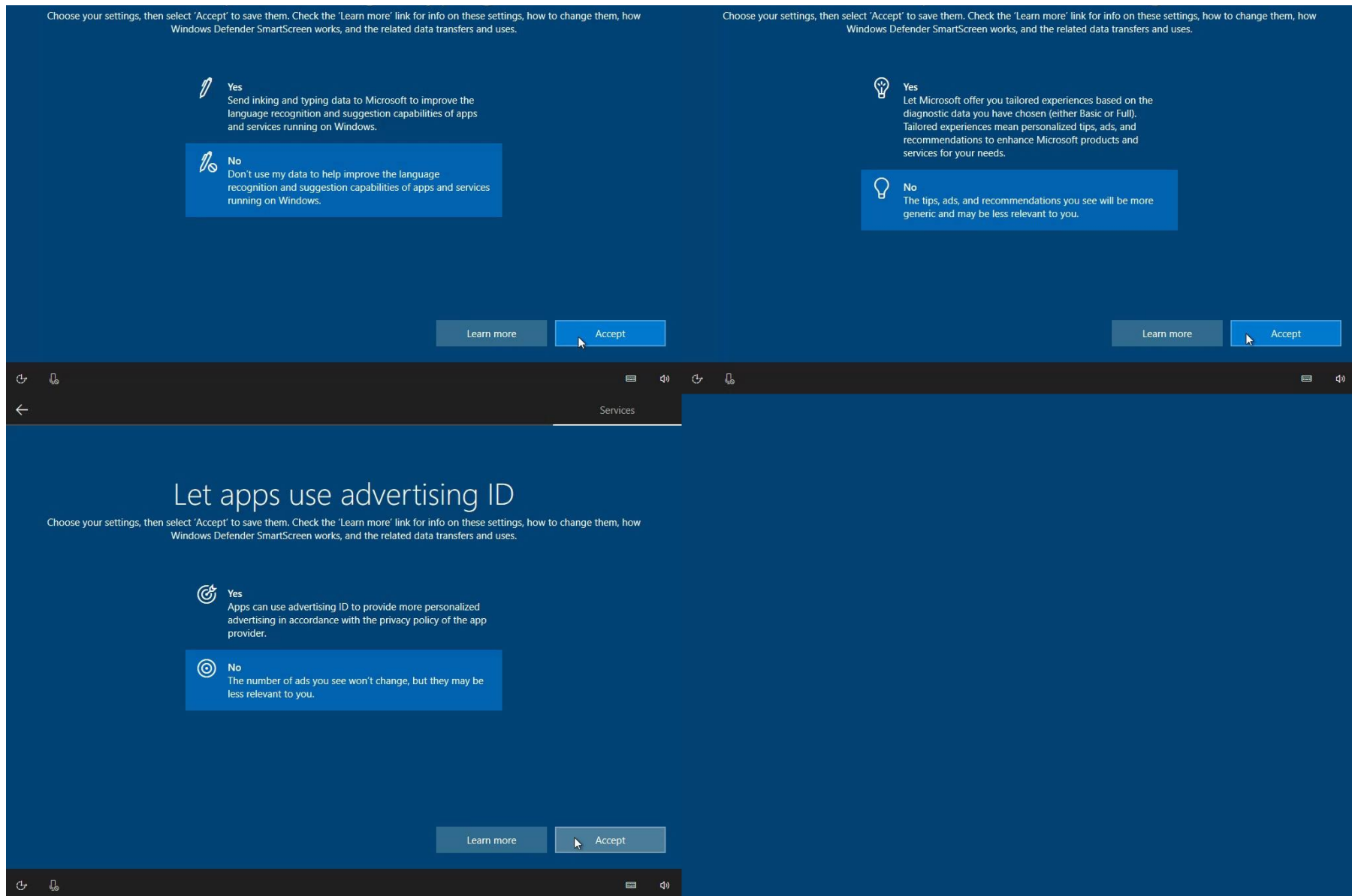










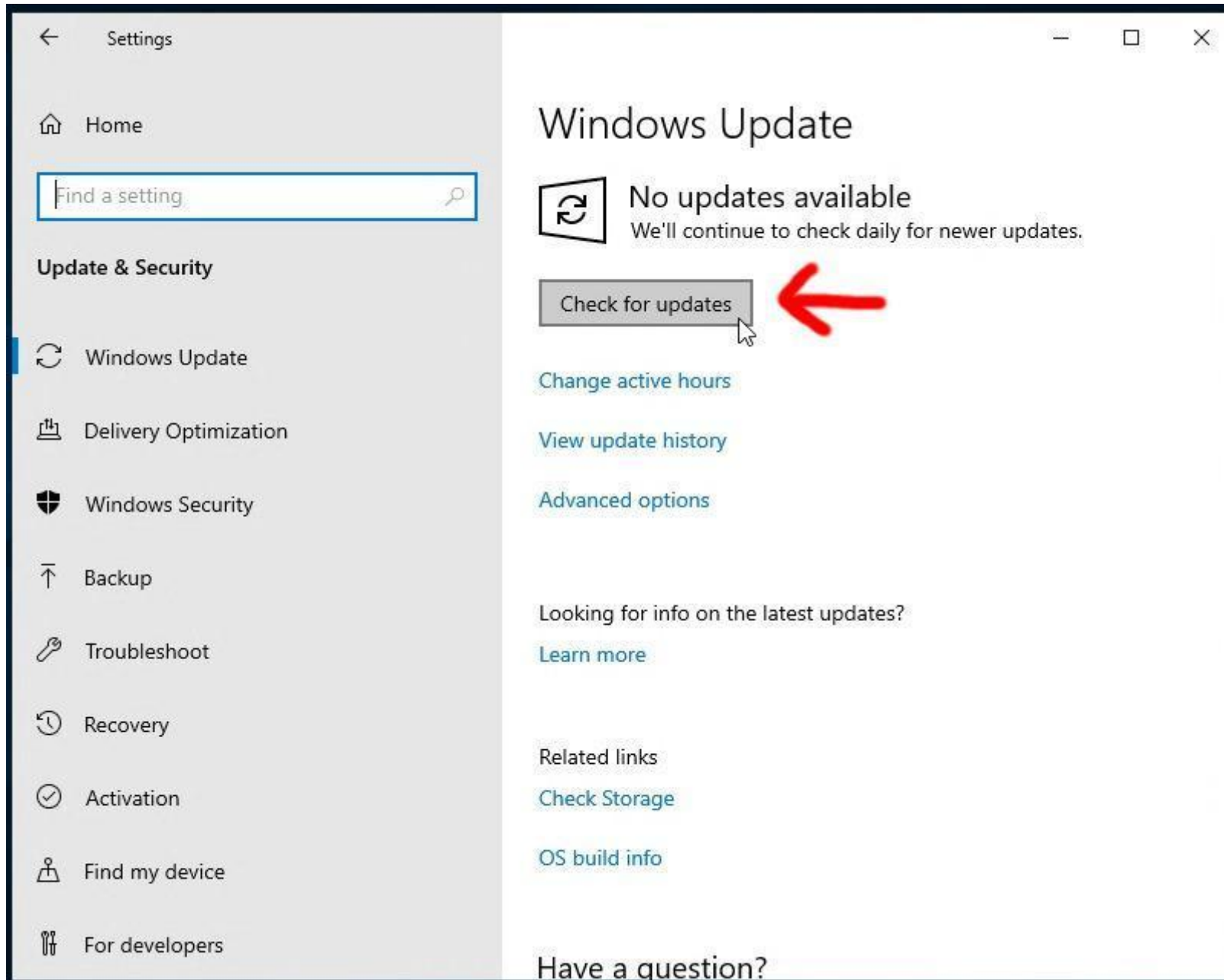


If you already installed Windows with the default settings, go to Start > Settings > Privacy to turn them off. You should also go to Account and disconnect your Microsoft account because this guide will prevent it from working properly.

Let it download all the updates

Once you get to the desktop, go to Settings > Updates and security, and let it download all the updates. Reboot and repeat until no more updates are available.

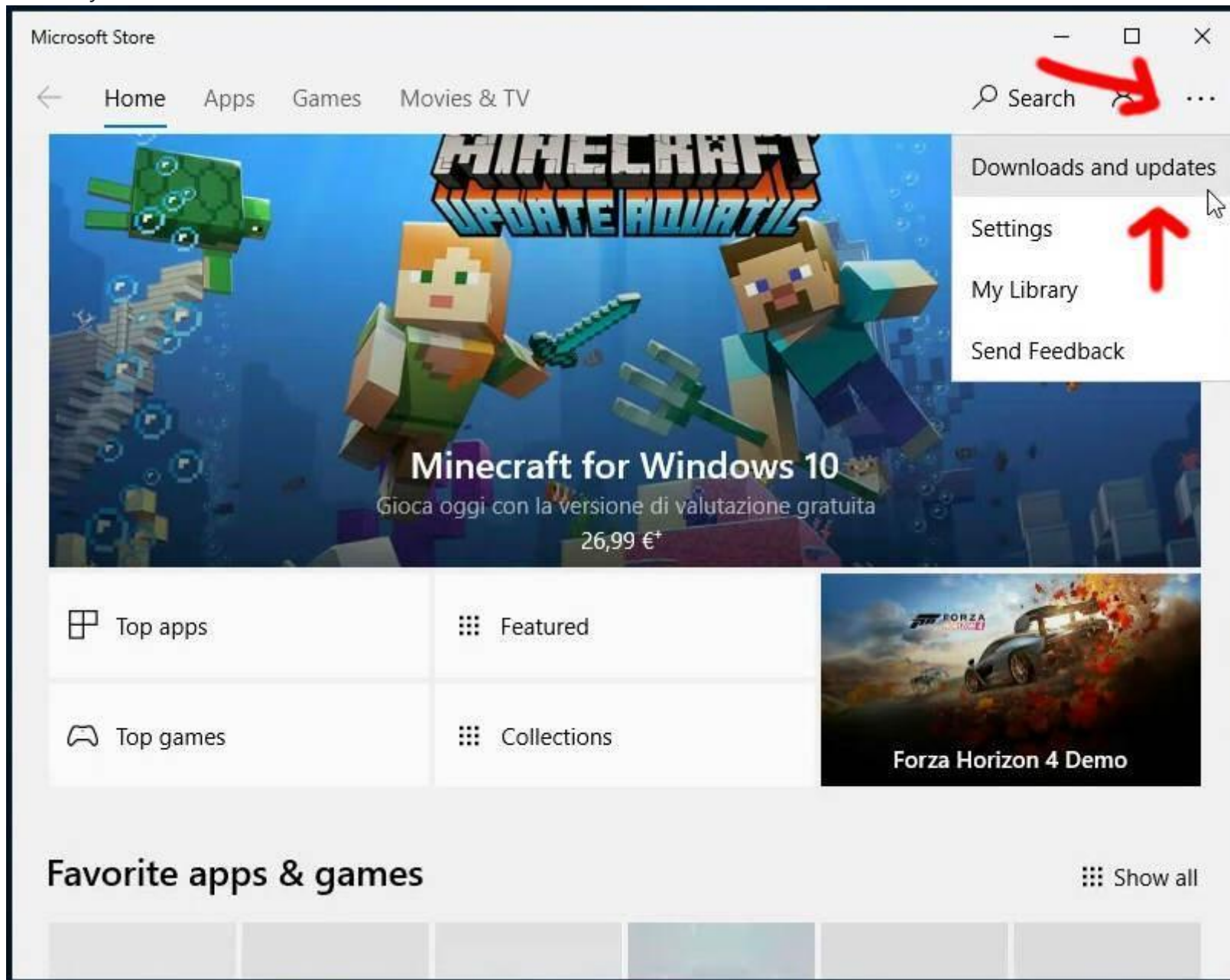
This is important because Windows Update may interfere with our activities.

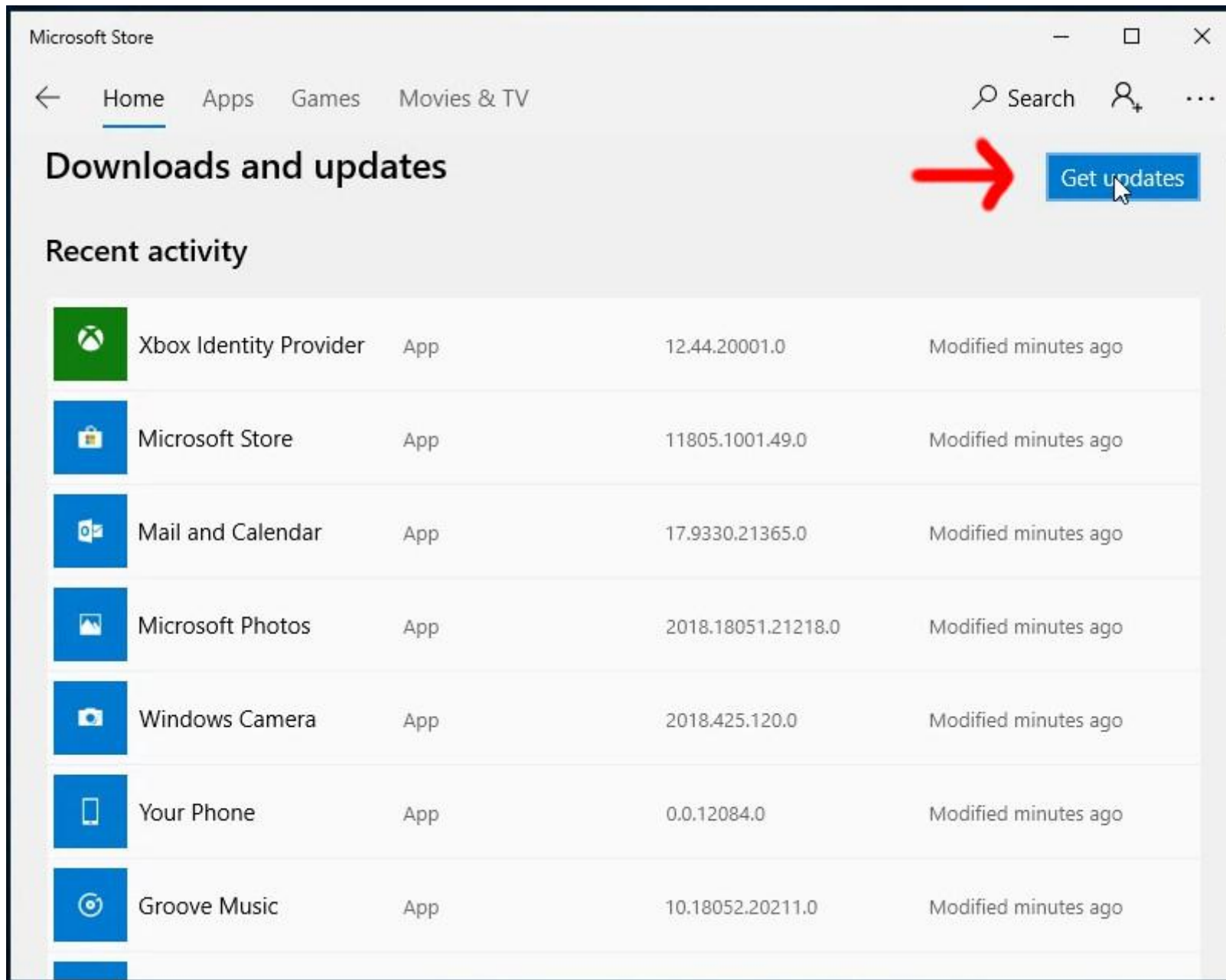


Now open the Store app, and let it download updates too.

Again, this is important because updates would interfere with our activities.

This may take some time.





Make sure you check for updates several times, because we absolutely don't want it to download stuff while we're removing it.

Now that the system is fully updated, make sure Windows is activated with your license (or KMSPico).

Remove everything you can

Open the start menu and remove all the applications. Some of them, such as Microsoft Edge, will not have an uninstall option; we'll remove them later.

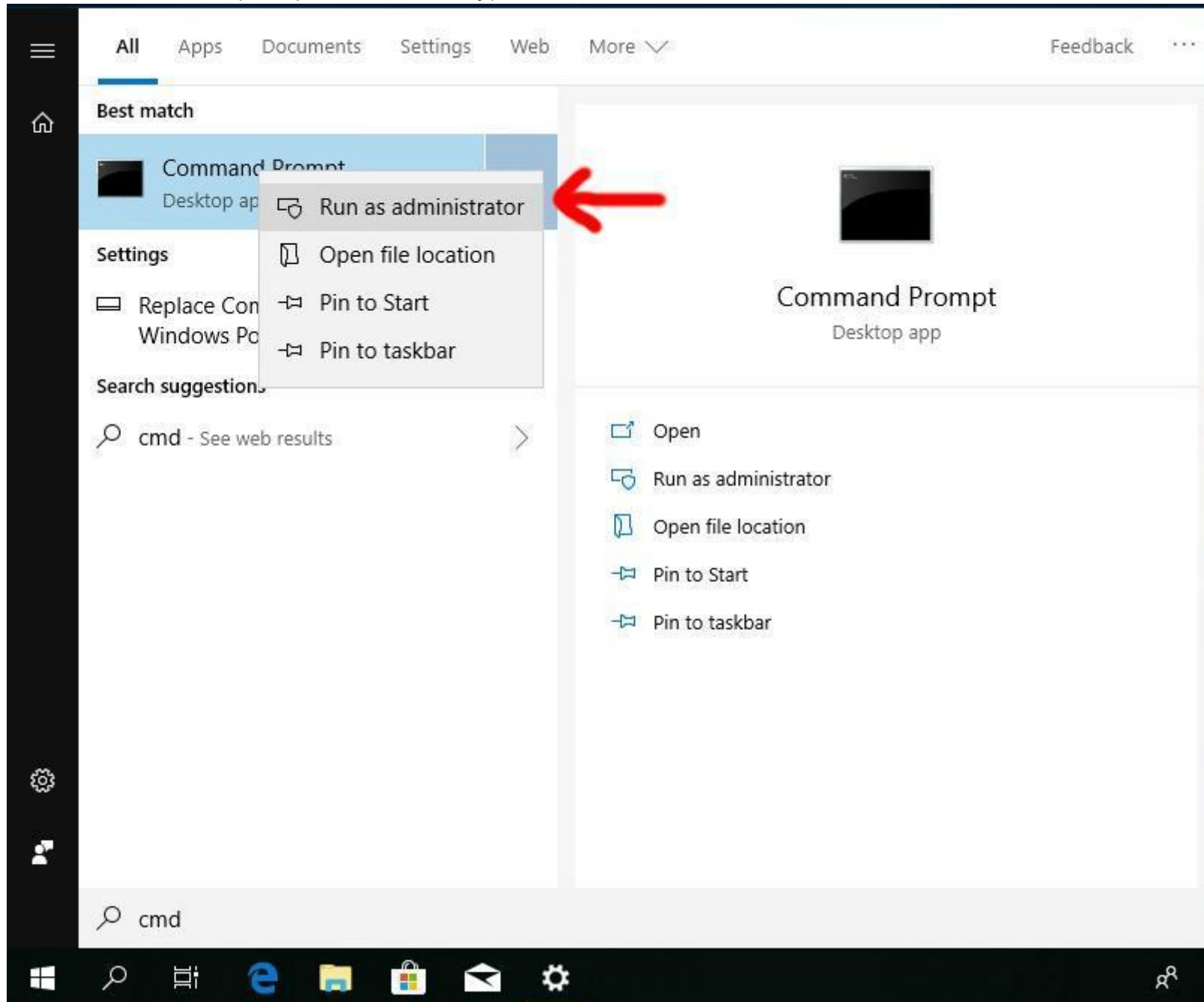
What's important now is to remove all the OEM software and the shitty games like Candy Crush and Minecraft.

Tools

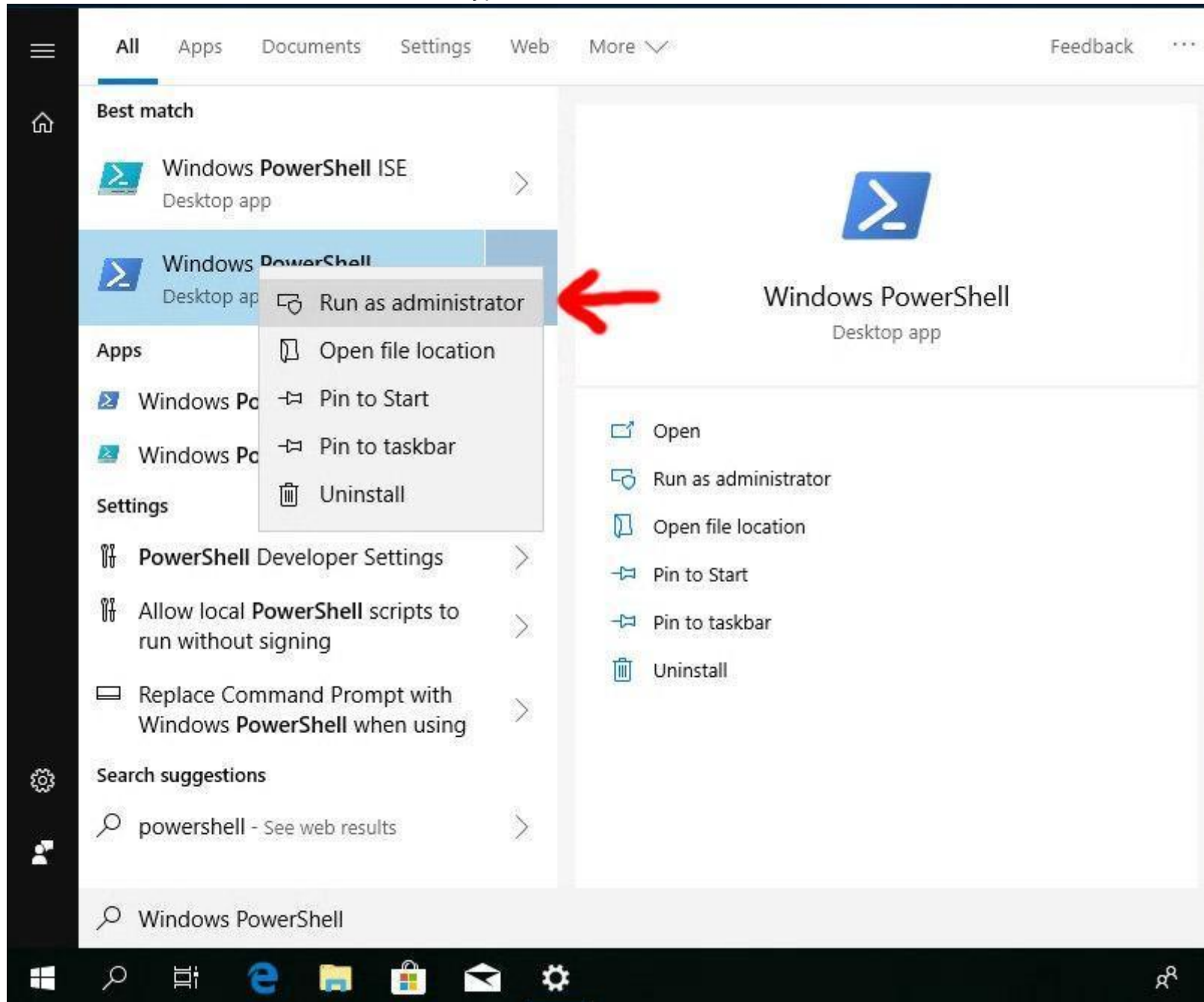
-
- The screenshot illustrates the initial steps of installing WIM Tweaks on Windows 10. It shows the 'install_wim_tweak' file in the Downloads folder, which is then moved to the desktop. A red arrow indicates the movement of the file from the Downloads folder to the desktop. Another red arrow points from the desktop icon to the 'Move to System32' button in the System32 folder window, indicating the next step in the installation process.

This is a very handy tool that allows us to remove Windows components with a single command. You can delete it from System32 when you're finished with this guide.

- We need a command prompt, so click start, type `cmd` and run it as administrator



- We will also need PowerShell, so click start, type PowerShell and run it as administrator



Removing Windows Defender

In the command prompt, type the following commands:

```
E\Microsoft\Windows\CurrentVersion\Explorer" /v SmartScreenEnabled /t REG_SZ /d "Off" /f
e\Microsoft\Windows\CurrentVersion\AppHost" /v "EnableWebContentEvaluation" /t REG_DWORD /d

e\Classes\Local
rosoft\Windows\CurrentVersion\AppContainer\Storage\microsoft.microsoftedge_8wekyb3d8bbwe\MicrosoftEdge\PhishingFilter"
G_DWORD /d "0" /f
E\Policies\Microsoft\Windows Defender" /v DisableAntiSpyware /t REG_DWORD /d 1 /f
E\Policies\Microsoft\Windows Defender\Spynet" /v SpyNetReporting /t REG_DWORD /d 0 /f
E\Policies\Microsoft\Windows Defender\Spynet" /v SubmitSamplesConsent /t REG_DWORD /d 2 /f
E\Policies\Microsoft\Windows Defender\Spynet" /v DontReportInfectionInformation /t REG_DWORD

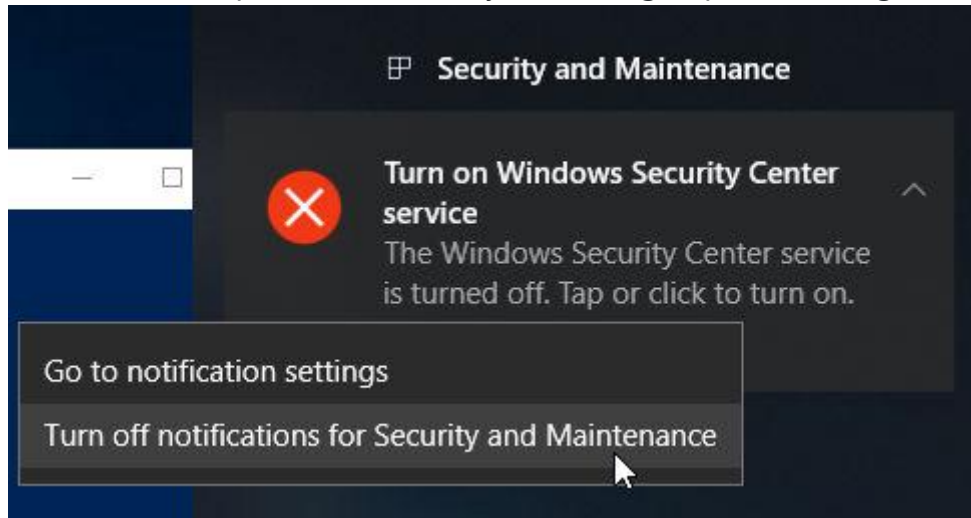
EM\CurrentControlSet\Services\Sense" /f
EM\CurrentControlSet\Services\SecurityHealthService" /f
E\Policies\Microsoft\MRT" /v "DontReportInfectionInformation" /t REG_DWORD /d 1 /f
E\Policies\Microsoft\MRT" /v "DontOfferThroughWUAU" /t REG_DWORD /d 1 /f
WARE\Microsoft\Windows\CurrentVersion\Run" /v "SecurityHealth" /f
WARE\Microsoft\Windows\CurrentVersion\Explorer\StartupApproved\Run" /v "SecurityHealth" /f
E\Microsoft\Windows NT\CurrentVersion\Image File Execution Options\SecHealthUI.exe" /v
"%windir%\System32\taskkill.exe" /f
/c Windows-Defender /r

oft\Windows\CurrentVersion\Notifications\Settings\Windows.SystemToast.SecurityAndMaintenance"
WORD /d 0 /f
```

This will take 1-2 minutes.

Unfortunately, since June 2018, the Windows Security icon in the Start menu can no longer be removed without breaking the system.

If Windows complains about the system being unprotected, right click the notification and hide it.



Removing features

We will now remove almost all UWP features in Windows. The only UWP app you'll have left will be the settings app. If you manually install UWP apps later (like cracked UWP games) they may not work properly.

Note: if some of the apps reappear after a few minutes, it's because you didn't wait for the updates to finish. You can simply remove them again using the same commands.

Windows Store

In the PowerShell, type:

```
Get-AppxPackage -AllUsers *store* | Remove-AppxPackage
```

You can ignore any error that pops up.

In the command prompt, type:

```
install_wim_tweak /o /c Microsoft-Windows-ContentDeliveryManager /r
install_wim_tweak /o /c Microsoft-Windows-Store /r
reg add "HKLM\Software\Policies\Microsoft\WindowsStore" /v RemoveWindowsStore /t REG_DWORD /d 1 /f
reg add "HKLM\Software\Policies\Microsoft\WindowsStore" /v DisableStoreApps /t REG_DWORD /d 1 /f
reg add "HKCU\Software\Microsoft\Windows\CurrentVersion\AppHost" /v "EnableWebContentEvaluation" /t REG_DWORD /d 0 /f
reg add "HKLM\SOFTWARE\Policies\Microsoft\PushToInstall" /v DisablePushToInstall /t REG_DWORD /d 1 /f
reg add "HKCU\Software\Microsoft\Windows\CurrentVersion\ContentDeliveryManager" /v SilentInstalledAppsEnabled /t REG_DWORD /d 0 /f
sc delete PushToInstall
sc delete InstallService
```

Music, TV, ...

In the PowerShell, type:

```
Get-AppxPackage -AllUsers *zune* | Remove-AppxPackage
Get-WindowsPackage -Online | Where PackageName -like *MediaPlayer* | Remove-WindowsPackage -Online -NoRestart
```

Alternatives: [MPC-HC](#), [VLC](#), [MPV](#)

Xbox and Game DVR

In the PowerShell, type:

```
Get-AppxPackage -AllUsers *xbox* | Remove-AppxPackage
```

You can ignore any error that pops up.

In the command prompt, type:


```
sc delete XblAuthManager
sc delete XblGameSave
sc delete XboxNetApiSvc
sc delete XboxGipSvc
reg delete "HKLM\SYSTEM\CurrentControlSet\Services\xbgm" /f
schtasks /Change /TN "Microsoft\XblGameSave\XblGameSaveTask" /disable
schtasks /Change /TN "Microsoft\XblGameSave\XblGameSaveTaskLogon" /disable
reg add "HKLM\SOFTWARE\Policies\Microsoft\Windows\GameDVR" /v AllowGameDVR /t REG_DWORD /d 0 /f
```

Additionally, go to Start > Settings > Gaming and turn off everything.

Sticky Notes

In the PowerShell, type:

```
Get-AppxPackage -AllUsers *sticky* | Remove-AppxPackage
```

Alternatives: [Notebot](#)

Maps

In the PowerShell, type:

```
Get-AppxPackage -AllUsers *maps* | Remove-AppxPackage
```

In the command prompt, type:

```
sc delete MapsBroker
sc delete lfsvc
schtasks /Change /TN "\Microsoft\Windows\Maps\MapsUpdateTask" /disable
```

Alarms and Clock

In the PowerShell, type:

```
Get-AppxPackage -AllUsers *alarms* | Remove-AppxPackage  
Get-AppxPackage -AllUsers *people* | Remove-AppxPackage
```

You can ignore any error that pops up.

Mail, Calendar, ...

In the PowerShell, type:

```
Get-AppxPackage -AllUsers *comm* | Remove-AppxPackage  
Get-AppxPackage -AllUsers *mess* | Remove-AppxPackage
```

You can ignore any error that pops up.

Alternatives: [Thunderbird](#)

OneNote

In the PowerShell, type:

```
Get-AppxPackage -AllUsers *onenote* | Remove-AppxPackage
```

Photos

In the PowerShell, type:

```
Get-AppxPackage -AllUsers *photo* | Remove-AppxPackage
```

Alternatives: [JPEGView](#), or the old Windows Photo Viewer

Camera

In the PowerShell, type:

```
Get-AppxPackage -AllUsers *camera* | Remove-AppxPackage
```

Ignore any error that pops up

Weather, News, ...

In the PowerShell, type:

```
Get-AppxPackage -AllUsers *bing* | Remove-AppxPackage
```

Calculator

In the PowerShell, type:

```
Get-AppxPackage -AllUsers *calc* | Remove-AppxPackage
```

Alternatives: [SpeedCrunch](#)

Sound Recorder

In the PowerShell, type:

```
Get-AppxPackage -AllUsers *soundrec* | Remove-AppxPackage
```

Alternatives: [Audacity](#)

Paint 3D and VR features

In the command prompt, type:

```
install_wim_tweak /o /c Microsoft-Windows-Holographic /r
```

Reboot (**important**) and reopen our command prompt and PowerShell.

In the PowerShell, type:

```
Get-AppxPackage -AllUsers *holo* | Remove-AppxPackage
Get-AppxPackage -AllUsers *3db* | Remove-AppxPackage
Get-AppxPackage -AllUsers *3dv* | Remove-AppxPackage
Get-AppxPackage -AllUsers *paint* | Remove-AppxPackage
Get-AppxPackage -AllUsers *mixed* | Remove-AppxPackage
Get-AppxPackage -AllUsers *print3d* | Remove-AppxPackage
```

In the command prompt, type:

```
for /f "tokens=1* delims=" %I in ('reg query "HKEY_CLASSES_ROOT\SystemFileAssociations" /s /k /f "3D Edit" ^| find /i "3D Edit"') do (reg delete "%I" /f )
for /f "tokens=1* delims=" %I in ('reg query "HKEY_CLASSES_ROOT\SystemFileAssociations" /s /k /f "3D Print" ^| find /i "3D Print"') do (reg delete "%I" /f )
```

Microsoft Edge

Right click the Edge icon on your taskbar and unpin it. (**Important:** don't skip this step, or the icon will be permanently stuck there)

In the command prompt, type:

```
install_wim_tweak /o /c Microsoft-Windows-Internet-Browser /r  
install_wim_tweak /o /c Adobe-Flash /r
```

In the PowerShell, type:

```
Get-WindowsPackage -Online | Where PackageName -like *InternetExplorer* | Remove-WindowsPackage -Online -NoRestart
```

Alternatives: [Firefox](#), [Chromium](#), [Iridium Browser](#), [Pale Moon](#)

Contact Support, Get Help

In the command prompt, type:

```
install_wim_tweak /o /c Microsoft-Windows-ContactSupport /r
```

In the PowerShell, type:

```
Get-AppxPackage -AllUsers *GetHelp* | Remove-AppxPackage
```

Additionally, Go to Start > Settings > Apps > Manage optional features, and remove Contact Support (if present).

Microsoft Quick Assist

In the PowerShell, type:

```
Get-WindowsPackage -Online | Where PackageName -like *QuickAssist* | Remove-WindowsPackage -Online -NoRestart
```

Connect

In the command prompt, type:

```
install_wim_tweak /o /c Microsoft-PPIProjection-Package /r
```

Your Phone

In the PowerShell, type:

```
Get-AppxPackage -AllUsers *phone* | Remove-AppxPackage
```

Snip & Sketch

In the PowerShell, type:

```
Get-AppxPackage -AllUsers *sketch* | Remove-AppxPackage
```

Hello Face

In the PowerShell, type:

```
Get-WindowsPackage -Online | Where PackageName -like *Hello-Face* | Remove-WindowsPackage -Online -NoRestart
```

In the command prompt, type:

```
schtasks /Change /TN "\Microsoft\Windows\HelloFace\FODCleanupTask" /Disable
```

System Restore

In the PowerShell, type:

```
Disable-ComputerRestore -Drive "C:\"
vssadmin delete shadows /all /Quiet
reg add "HKLM\SOFTWARE\Policies\Microsoft\Windows NT\SystemRestore" /v "DisableConfig" /t "REG_DWORD" /d "1" /f
reg add "HKLM\SOFTWARE\Policies\Microsoft\Windows NT\SystemRestore" /v "DisableSR " /t "REG_DWORD" /d "1" /f
reg add "HKLM\SOFTWARE\Microsoft\Windows NT\CurrentVersion\SystemRestore" /v "DisableConfig" /t "REG_DWORD" /d "1" /f
reg add "HKLM\SOFTWARE\Microsoft\Windows NT\CurrentVersion\SystemRestore" /v "DisableSR " /t "REG_DWORD" /d "1" /f
schtasks /Change /TN "\Microsoft\Windows\SystemRestore\SR" /disable
```

Reboot!

Reboot the system and you're now free of UWP garbage.

Disabling Cortana

With the Anniversary Update, Microsoft hid the option to disable Cortana.

Warning: Do not attempt to remove the Cortana package using `install_wim_tweak` or the PowerShell, as it will break Windows Search and you will have to reinstall Windows!

Open our command prompt again and use this command:

```
reg add "HKLM\SOFTWARE\Policies\Microsoft\Windows\Windows Search" /v AllowCortana /t REG_DWORD /d 0 /f
reg add "HKLM\SYSTEM\CurrentControlSet\Services\SharedAccess\Parameters\FirewallPolicy\FirewallRules" /v "{2765E0F4-2918-4A46-B9C9-43CDD8FCBA2B}" /t REG_SZ /d "BlockCortana|Action=Block|Active=TRUE|Dir=Out|App=C:\windows\systemapps\microsoft.windows.cortana_cw5n1h2txyewy\search and Cortana application|AppPkgId=S-1-15-2-1861897761-1695161497-2927542615-642690995-327840285-2659745135-2630312742|" /f
```

Reboot again and Cortana is gone. The icon is still there, but it will open the regular search instead.

More tweaking

Open the command prompt again.

Turn off Windows Error reporting

In the command prompt, type:

```
reg add "HKLM\SOFTWARE\Policies\Microsoft\Windows\Windows Error Reporting" /v Disabled /t REG_DWORD /d 1 /f
reg add "HKLM\SOFTWARE\Microsoft\Windows\Windows Error Reporting" /v Disabled /t REG_DWORD /d 1 /f
```

We will remove the service later, but in case an update reinstalls it, this will at least keep it turned off.

No more forced updates

This will notify when updates are available, and you decide when to install them.

In the command prompt, type:

```
reg add "HKLM\SOFTWARE\Policies\Microsoft\Windows\WindowsUpdate\AU" /v NoAutoUpdate /t REG_DWORD /d 0 /f
reg add "HKLM\SOFTWARE\Policies\Microsoft\Windows\WindowsUpdate\AU" /v AUOptions /t REG_DWORD /d 2 /f
reg add "HKLM\SOFTWARE\Policies\Microsoft\Windows\WindowsUpdate\AU" /v ScheduledInstallDay /t REG_DWORD /d 0 /f
reg add "HKLM\SOFTWARE\Policies\Microsoft\Windows\WindowsUpdate\AU" /v ScheduledInstallTime /t REG_DWORD /d 3 /f
```

No license checking

By default, Windows will check your license every time you turn on your PC, this will prevent it.

In the command prompt, type:

```
reg add "HKLM\Software\Policies\Microsoft\Windows NT\CurrentVersion\Software Protection Platform" /v NoGenTicket /t REG_DWORD /d 1 /f
```

Disable sync

It doesn't really affect you if you're not using a Microsoft Account, but it will at least disable the Sync settings from the Settings app.

In the command prompt, type:

```
reg add "HKLM\Software\Policies\Microsoft\Windows\SettingSync" /v DisableSettingSync /t REG_DWORD /d 2 /f
reg add "HKLM\Software\Policies\Microsoft\Windows\SettingSync" /v DisableSettingSyncUserOverride /t REG_DWORD /d 1 /f
```

No Windows Tips

In the command prompt, type:

```
reg add "HKLM\Software\Policies\Microsoft\Windows\CloudContent" /v DisableSoftLanding /t REG_DWORD /d 1 /f
reg add "HKLM\Software\Policies\Microsoft\Windows\CloudContent" /v DisableWindowsSpotlightFeatures /t REG_DWORD /d 1 /f
```

```
1 /T
reg add "HKLM\Software\Policies\Microsoft\Windows\CloudContent" /v DisableWindowsConsumerFeatures /t REG_DWORD /d 1 /f
reg add "HKLM\Software\Policies\Microsoft\Windows\DataCollection" /v DoNotShowFeedbackNotifications /t REG_DWORD /d 1 /f
reg add "HKLM\Software\Policies\Microsoft\WindowsInkWorkspace" /v AllowSuggestedAppsInWindowsInkWorkspace /t REG_DWORD /d 0 /f
```

Removing OneDrive

If you don't use OneDrive (and you shouldn't), you can remove it from your system with these commands, entered in the command prompt:

```
taskkill /F /IM onedrive.exe
```

If you're on 32-bit Windows, type

```
"%SYSTEMROOT%\System32\OneDriveSetup.exe" /uninstall
```

If you're on 64-bit Windows, type

```
"%SYSTEMROOT%\SysWOW64\OneDriveSetup.exe" /uninstall
```

In the command prompt type:

```
rd "%USERPROFILE%\OneDrive" /Q /S
rd "C:\OneDriveTemp" /Q /S
rd "%LOCALAPPDATA%\Microsoft\OneDrive" /Q /S
rd "%PROGRAMDATA%\Microsoft OneDrive" /Q /S
reg delete "HKEY_CLASSES_ROOT\CLSID\{018D5C66-4533-4307-9B53-224DE2ED1FE6}" /f
```

```
reg delete "HKEY_CLASSES_ROOT\Wow6432Node\CLSID\{018D5C66-4533-4307-9B53-224DE2ED1FE6}" /f
del /Q /F "%localappdata%\Microsoft\OneDrive\OneDriveStandaloneUpdater.exe"
```

Don't worry if some of these commands fail, it is normal if you never used OneDrive.

Removing Telemetry and other unnecessary services

In the command prompt type the following commands:

```
sc delete DiagTrack
sc delete dmwappushservice
sc delete WerSvc
sc delete OneSyncSvc
sc delete MessagingService
sc delete wercplsupport
sc delete PcaSvc
sc config wlidsvc start=demand
sc delete wisvc
sc delete RetailDemo
sc delete diagsvc
sc delete shpamsvc
for /f "tokens=1" %I in ('reg query "HKLM\SYSTEM\CurrentControlSet\Services" /k /f "wscsvc" ^| find /i "wscsvc"')
do (reg delete %I /f)
for /f "tokens=1" %I in ('reg query "HKLM\SYSTEM\CurrentControlSet\Services" /k /f "OneSyncSvc" ^| find /i
"OneSyncSvc"') do (reg delete %I /f)
for /f "tokens=1" %I in ('reg query "HKLM\SYSTEM\CurrentControlSet\Services" /k /f "MessagingService" ^| find /i
"MessagingService"') do (reg delete %I /f)
for /f "tokens=1" %I in ('reg query "HKLM\SYSTEM\CurrentControlSet\Services" /k /f "PimIndexMaintenanceSvc" ^| find
/i "PimIndexMaintenanceSvc"') do (reg delete %I /f)
for /f "tokens=1" %I in ('reg query "HKLM\SYSTEM\CurrentControlSet\Services" /k /f "UserDataSvc" ^| find /i
"UserDataSvc"') do (reg delete %I /f)
for /f "tokens=1" %I in ('reg query "HKLM\SYSTEM\CurrentControlSet\Services" /k /f "UnistoreSvc" ^| find /i
"UnistoreSvc"') do (reg delete %I /f)
```

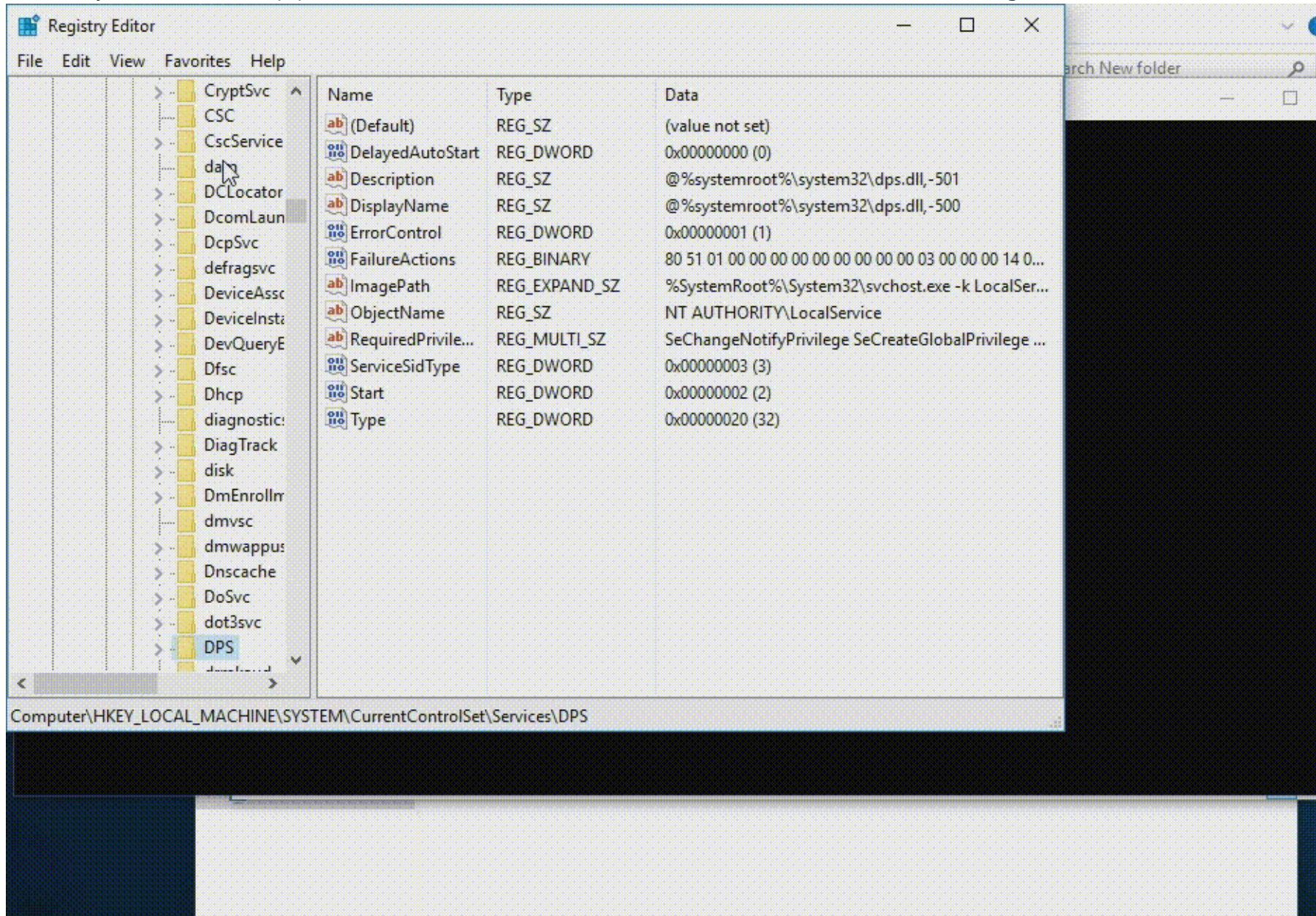
```
for /f "tokens=1" %I in ('reg query "HKLM\SYSTEM\CurrentControlSet\Services" /k /f "BcastDVRUserService" ^| find /i "BcastDVRUserService"') do (reg delete %I /f)
for /f "tokens=1" %I in ('reg query "HKLM\SYSTEM\CurrentControlSet\Services" /k /f "Sgrmbroker" ^| find /i "Sgrmbroker"') do (reg delete %I /f)
for /f "tokens=1" %I in ('reg query "HKLM\SYSTEM\CurrentControlSet\Services" /k /f "ClipSVC" ^| find /i "ClipSVC"') do (reg delete %I /f)
sc delete diagnosticshub.standardcollector.service
reg add "HKEY_CURRENT_USER\SOFTWARE\Microsoft\Siuf\Rules" /v "NumberOfSIUFInPeriod" /t REG_DWORD /d 0 /f
reg delete "HKEY_CURRENT_USER\SOFTWARE\Microsoft\Siuf\Rules" /v "PeriodInNanoSeconds" /f
reg add "HKLM\SYSTEM\ControlSet001\Control\WMI\AutoLogger\AutoLogger-Diagtrack-Listener" /v Start /t REG_DWORD /d 0 /f
reg add "HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows\AppCompat" /v AITEnable /t REG_DWORD /d 0 /f
reg add "HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows\AppCompat" /v DisableInventory /t REG_DWORD /d 1 /f
reg add "HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows\AppCompat" /v DisablePCA /t REG_DWORD /d 1 /f
reg add "HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows\AppCompat" /v DisableUAR /t REG_DWORD /d 1 /f
reg add "HKLM\SOFTWARE\Policies\Microsoft\MicrosoftEdge\PhishingFilter" /v "EnabledV9" /t REG_DWORD /d 0 /f
reg add "HKLM\SOFTWARE\Policies\Microsoft\Windows\System" /v "EnableSmartScreen" /t REG_DWORD /d 0 /f
reg add "HKCU\Software\Microsoft\Internet Explorer\PhishingFilter" /v "EnabledV9" /t REG_DWORD /d 0 /f
reg add "HKCU\Software\Microsoft\Windows\CurrentVersion\Policies\Explorer" /v "NoRecentDocsHistory" /t REG_DWORD /d 1 /f
reg add "HKLM\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Image File Execution Options\CompatTelRunner.exe" /v Debugger /t REG_SZ /d "%windir%\System32\taskkill.exe" /f
```

Note: since version 1803, the Task View feature depends on CDPUUserSvc and its other services. They can no longer be removed without breaking this feature.

Press Win+R, type regedit, press enter, and navigate to HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services. Here we need to locate the following keys:

- DPS
- WdiServiceHost
- WdiSystemHost

These keys have messed up permissions. To delete them, we must fix them, here's a video showing how to do it:



Right click the key and select Permissions, then click Advanced, change the Owner to your username, check "Replace owner on subcontainers and objects" and "Replace all child object permission entries with inheritable permission entries from this

object", if inheritance is enabled, disable it and convert to explicit permissions, apply, remove all the permission entries and add one for your username with Full control, confirm everything and delete the key.

Repeat for the 3 keys and you're done.

Scheduled tasks

Windows 10 has a huge amount of scheduled tasks that may report some data. Type these commands in the command prompt to remove them:

```
schtasks /Change /TN "Microsoft\Windows\AppID\SmartScreenSpecific" /disable
schtasks /Change /TN "Microsoft\Windows\Application Experience\AitAgent" /disable
schtasks /Change /TN "Microsoft\Windows\Application Experience\Microsoft Compatibility Appraiser" /disable
schtasks /Change /TN "Microsoft\Windows\Application Experience\ProgramDataUpdater" /disable
schtasks /Change /TN "Microsoft\Windows\Application Experience\StartupAppTask" /disable
schtasks /Change /TN "Microsoft\Windows\Autochk\Proxy" /disable
schtasks /Change /TN "Microsoft\Windows\CloudExperienceHost\CreateObjectTask" /disable
schtasks /Change /TN "Microsoft\Windows\Customer Experience Improvement Program\BthSQM" /disable
schtasks /Change /TN "Microsoft\Windows\Customer Experience Improvement Program\Consolidator" /disable
schtasks /Change /TN "Microsoft\Windows\Customer Experience Improvement Program\KernelCeipTask" /disable
schtasks /Change /TN "Microsoft\Windows\Customer Experience Improvement Program\Uploader" /disable
schtasks /Change /TN "Microsoft\Windows\Customer Experience Improvement Program\UsbCeip" /disable
schtasks /Change /TN "Microsoft\Windows\DiskDiagnostic\Microsoft-Windows-DiskDiagnosticDataCollector" /disable
schtasks /Change /TN "Microsoft\Windows\DiskFootprint\Diagnostics" /disable
schtasks /Change /TN "Microsoft\Windows\FileHistory\File History (maintenance mode)" /disable
schtasks /Change /TN "Microsoft\Windows\Maintenance\WinSAT" /disable
schtasks /Change /TN "Microsoft\Windows\PI\Sqm-Tasks" /disable
schtasks /Change /TN "Microsoft\Windows\Power Efficiency Diagnostics\AnalyzeSystem" /disable
schtasks /Change /TN "Microsoft\Windows\Shell\FamilySafetyMonitor" /disable
schtasks /Change /TN "Microsoft\Windows\Shell\FamilySafetyRefresh" /disable
schtasks /Change /TN "Microsoft\Windows\Shell\FamilySafetyUpload" /disable
schtasks /Change /TN "Microsoft\Windows\Windows Error Reporting\QueueReporting" /disable
schtasks /Change /TN "Microsoft\Windows\WindowsUpdate\Automatic App Update" /disable
schtasks /Change /TN "Microsoft\Windows\License Manager\TempSignedLicenseExchange" /disable
schtasks /Change /TN "Microsoft\Windows\Clip\License Validation" /disable
schtasks /Change /TN "\Microsoft\Windows\ApplicationData\DsSvcCleanup" /disable
```



```
schtasks /Change /TN "\Microsoft\Windows\Power Efficiency Diagnostics\AnalyzeSystem" /disable
schtasks /Change /TN "\Microsoft\Windows\PushToInstall\LoginCheck" /disable
schtasks /Change /TN "\Microsoft\Windows\PushToInstall\Registration" /disable
schtasks /Change /TN "\Microsoft\Windows\Shell\FamilySafetyMonitor" /disable
schtasks /Change /TN "\Microsoft\Windows\Shell\FamilySafetyMonitorToastTask" /disable
schtasks /Change /TN "\Microsoft\Windows\Shell\FamilySafetyRefreshTask" /disable
schtasks /Change /TN "\Microsoft\Windows\Subscription\EnableLicenseAcquisition" /disable
schtasks /Change /TN "\Microsoft\Windows\Subscription\LicenseAcquisition" /disable
del /F /Q "C:\Windows\System32\Tasks\Microsoft\Windows\SettingSync\*"
```

Some of these may not exist, it's fine.

Last touches

We must disable Windows Spotlight, and other "Suggestions" (literal ads).

Go to Start > Settings > Personalization:

- Under Lock screen and set the background to Picture
- Under Start set Show suggestions occasionally in Start to off (They're literally ads)

Go back to Settings and go to System > Notifications and actions:

- Set Get tips, tricks, and suggestions as you use Windows to off
- Set Show me the Windows welcome... to off

Go back to Settings and go to System > Multitasking:

- Set Show suggestions occasionally in your timeline to off

Go back to Settings and go to Privacy:

- Under General, turn off everything

- Under Activity history, turn off everything
- Under Speech, turn off everything
- Under Inking, turn off everything
- Under App diagnostics, set Let apps access diagnostic information to off

Go back to Settings and go to Search:

- Under Permissions & History, turn off everything

On the taskbar:

- Right click the people icon and uncheck "Show People button"

Later on, you might get a "Suggestions" notification. Right click it and turn it off.

Recommended: use a firewall!

For some applications (such as the settings app), the only way to prevent them from reporting data is to block them with a firewall. This is why you should use a firewall to block all traffic except the applications you explicitly allow, like your web browser. Personally, I allow Windows Update, Network discovery and sharing, DHCP, DNS, my web browser and nothing more.

Option 1: TinyWall

[TinyWall](#) is my favorite, but the installer no longer works since Windows 10 1803 because of an issue with digital signatures. I'm sure the author will fix this soon, but in the meanwhile, I made a [modified installer](#) without the problematic signature. Setting up the firewall may take some time, but you'll be as safe as you could possibly be when using Windows. Tinywall's autolearn feature is very useful when you install a new application: it will learn its patterns and allow them through the firewall. A big limitation of Tinywall, if you decide to use it, is that you cannot allow/block individual UWP apps (for instance, allow Facebook but not Candy Crush). Blocking C:\Windows\System32\WWAHost.exe (recommended) will block all of them, while allowing it will allow all of them to go through. Microsoft Edge is the only exception and has its own exe files. The same thing happens if you use the UNIX subsystem, there is no way to block specific applications.

Option 2: SimpleWall

[SimpleWall](#) works pretty much in the same way that TinyWall does but the UI is a bit more basic, it doesn't have the autolearn feature of TinyWall, and exe files must be added one by one for apps like Steam or git that have many executables. Unlike TinyWall however, this firewall can block individual UWP apps, which is a nice feature.

Congratulations! Your copy of Windows is now Debotnetted!

Things will change in the future, and I'll do what I can to keep this guide updated. As of September 2018, this guide works on Windows 10 Pro.

Can Windows revert these changes?

When a major update is installed, almost all changes will be reverted and you'll have to repeat this procedure. Major updates come out about twice a year.