Optimize-Offline Guide - Windows Debloating Tool, Windows 1803, 1903, 19H2, 1909, 20H1 and LTSC 2019

Important note for anons: Optimize-Offline requires Windows 10. For Windows 7/8.1 users, you can install Windows 10 on a virtual machine using your favorite virtualization software. This guide assumes you're working from Windows 10 installation.

Important Note: To use the `"ISO": "No-Prompt"` **or** `"ISO": "Prompt"` **switches after using W10UI updates installer, you need to right click the** *W10UI.cmd*, **choose Edit and search for 'prompt', then remove this line before you integrate the updates:**
```
del /f /q "%target%\efi\microsoft\boot\*noprompt.*" %_Nul3%
```

Download the 'Source Code' *.zip* file from Optimize-Offline's releases page and extract its contents to a folder.

Integrate updates with W10UI beforehand.

You no longer need ADK Deployment Tools installed or *oscdimg.exe* to make an ISO with Optimize-Offline but you do with W10UI. Install ADK Deployment Tools only or put *oscdimg.exe* in the folder the *W10UI.cmd* is in.

Edit the *Configuration.json* file in the *\Optimize-Offline-4.0.0.17\Optimize-Offline-4.0.0.17* folder with Notepad++ to the options you want. Mine are below. **If you edit any of the Optimize-Offline files or** *.ps1* **files etc. for any reason use Notepad++ or Powershell ISE. Saving files with the regular Windows Notepad breaks the encoding and can cause problems.**

```json
{
  "_Info": [
    "This is a JSON based Configuration file for Optimize-Offline.",
    "Ensure proper formatting is used when editing the JSON parameter values.",
    "Boolean parameter values use true and false. String parameter values must be enclosed in double-quotes."
  ],
  "SourcePath": "D:\\1\\Win10_19042.630_x64_2020-11-07.iso",
  "WindowsApps": "Select",
  "SystemApps": true,
  "Capabilities": true,
  "Packages": true,
  "Features": true,
  "DeveloperMode": true,
  "WindowsStore": false,
  "MicrosoftEdge": false,
  "Win32Calc": true,
  "Dedup": false,
  "DaRT": [
  ],
  "Registry": true,
  "Additional": {
    "Setup": true,
    "Wallpaper": false,
    "SystemLogo": false,
    "LockScreen": false,
    "RegistryTemplates": true,
    "LayoutModification": false,
    "Unattend": true,
    "Drivers": true,
    "NetFx3": true
  },
  "ISO": "No-Prompt"
}
```

In the *Optimize Offline Content/Additional/Drivers* folder there are *Boot*, *Install* and *Recovery* folders. I put my drivers, *.inf* files for AHCI and RAID, Network, MEI, Chipset and SerialIO and M.2 etc. You need the driver *.inf* files and the related files (not the *.exe* driver packages) to integrate drivers with this script. Most drivers can be found here. I also use Windows Answer File Generator to create an *autounattend.xml* file, rename it to *unattend.xml* and put it in the *Content/Additional/Unattend* folder.

After making the *unattend.xml* file from the website I open it in ADK 'System Image Manager' with the *install.wim* I'm using it on and correct any errors it finds after I use the 'Validate Answer File' option, I then 'Save As' back to the original *unattend.xml*.

Open an Elevated Powershell console in the *D:\Optimize-Offline-4.0.0.17\Optimize-Offline-4.0.0.17* folder and run `.\Start-Optimize.ps1` command. You may need to enable scripts on your PC by running this command in the Powershell prompt:

```
Set-ExecutionPolicy -Scope Process -ExecutionPolicy Bypass
```

If you keep getting the 'Run Once' error, just right click on the *Optimize-Offline-4.0.0.17.zip* **and choose 'Unblock' before unzipping it.**

Screenshots below with what is totally safe to remove.

- Removing **Microsoft.MSPaint** just removes the 3DPaint, not the regular Paint app.
- With the below, the Microsoft Store **DOES** work.
- **Microsoft.Windows.FileExplorer** just removes the pretty much useless UWP File Explorer, not the normal File Explorer.
- Removing **Microsoft.Windows.SecHealthUI** removes Windows Defender. If you want to use Defender, **DON'T** remove it.

Select the Provisioned App Packages to Remove.

Filter

➕ Add criteria ▼

DisplayName	PackageName	
CortanaApp.View.App	Microsoft.549981C3F5F10_1.1911.21713.0_neutral_~_8wekyb3d8bbwe	
Microsoft.BingWeather	Microsoft.BingWeather_4.25.20211.0_neutral_~_8wekyb3d8bbwe	
Microsoft.DesktopAppInstaller	Microsoft.DesktopAppInstaller_2019.125.2243.0_neutral_~_8wekyb3d8bbwe	
Microsoft.GetHelp	Microsoft.GetHelp_10.1706.13331.0_neutral_~_8wekyb3d8bbwe	
Microsoft.Getstarted	Microsoft.Getstarted_8.2.22942.0_neutral_~_8wekyb3d8bbwe	
Microsoft.HEIFImageExtension	Microsoft.HEIFImageExtension_1.0.22742.0_x64__8wekyb3d8bbwe	
Microsoft.Microsoft3DViewer	Microsoft.Microsoft3DViewer_6.1908.2042.0_neutral_~_8wekyb3d8bbwe	
Microsoft.MicrosoftOfficeHub	Microsoft.MicrosoftOfficeHub_18.1903.1152.0_neutral_~_8wekyb3d8bbwe	
Microsoft.MicrosoftSolitaireCollection	Microsoft.MicrosoftSolitaireCollection_4.4.8204.0_neutral_~_8wekyb3d8bbwe	
Microsoft.MicrosoftStickyNotes	Microsoft.MicrosoftStickyNotes_3.6.73.0_neutral_~_8wekyb3d8bbwe	
Microsoft.MixedReality.Portal	Microsoft.MixedReality.Portal_2000.19081.1301.0_neutral_~_8wekyb3d8bbwe	
Microsoft.MSPaint	Microsoft.MSPaint_2019.729.2301.0_neutral_~_8wekyb3d8bbwe	
Microsoft.Office.OneNote	Microsoft.Office.OneNote_16001.12026.20112.0_neutral_~_8wekyb3d8bbwe	
Microsoft.People	Microsoft.People_2019.305.632.0_neutral_~_8wekyb3d8bbwe	
Microsoft.ScreenSketch	Microsoft.ScreenSketch_2019.904.1644.0_neutral_~_8wekyb3d8bbwe	
Microsoft.SkypeApp	Microsoft.SkypeApp_14.53.77.0_neutral_~_kzf8qxf38zg5c	
Microsoft.StorePurchaseApp	Microsoft.StorePurchaseApp_11811.1001.1813.0_neutral_~_8wekyb3d8bbwe	
Microsoft.VCLibs.140.00	Microsoft.VCLibs.140.00_14.0.27323.0_x64__8wekyb3d8bbwe	
Microsoft.VP9VideoExtensions	Microsoft.VP9VideoExtensions_1.0.22681.0_x64__8wekyb3d8bbwe	
Microsoft.Wallet	Microsoft.Wallet_2.4.18324.0_neutral_~_8wekyb3d8bbwe	
Microsoft.WebMediaExtensions	Microsoft.WebMediaExtensions_1.0.20875.0_neutral_~_8wekyb3d8bbwe	
Microsoft.WebpImageExtension	Microsoft.WebpImageExtension_1.0.22753.0_x64__8wekyb3d8bbwe	
Microsoft.Windows.Photos	Microsoft.Windows.Photos_2019.19071.12548.0_neutral_~_8wekyb3d8bbwe	
Microsoft.WindowsAlarms	Microsoft.WindowsAlarms_2019.807.41.0_neutral_~_8wekyb3d8bbwe	
Microsoft.WindowsCalculator	Microsoft.WindowsCalculator_2020.1906.55.0_neutral_~_8wekyb3d8bbwe	
Microsoft.WindowsCamera	Microsoft.WindowsCamera_2018.826.98.0_neutral_~_8wekyb3d8bbwe	
microsoft.windowscommunicationsapps	microsoft.windowscommunicationsapps_16005.11629.20316.0_neutral_~_8wekyb3d8bbwe	
Microsoft.WindowsFeedbackHub	Microsoft.WindowsFeedbackHub_2019.1111.2029.0_neutral_~_8wekyb3d8bbwe	
Microsoft.WindowsMaps	Microsoft.WindowsMaps_2019.716.2316.0_neutral_~_8wekyb3d8bbwe	
Microsoft.WindowsSoundRecorder	Microsoft.WindowsSoundRecorder_2019.716.2313.0_neutral_~_8wekyb3d8bbwe	
Microsoft.WindowsStore	Microsoft.WindowsStore_11910.1002.513.0_neutral_~_8wekyb3d8bbwe	
Microsoft.Xbox.TCUI	Microsoft.Xbox.TCUI_1.23.28002.0_neutral_~_8wekyb3d8bbwe	
Microsoft.XboxApp	Microsoft.XboxApp_48.49.31001.0_neutral_~_8wekyb3d8bbwe	
Microsoft.XboxGameOverlay	Microsoft.XboxGameOverlay_1.46.11001.0_neutral_~_8wekyb3d8bbwe	
Microsoft.XboxGamingOverlay	Microsoft.XboxGamingOverlay_2.34.28001.0_neutral_~_8wekyb3d8bbwe	
Microsoft.XboxIdentityProvider	Microsoft.XboxIdentityProvider_12.50.6001.0_neutral_~_8wekyb3d8bbwe	
Microsoft.XboxSpeechToTextOverlay	Microsoft.XboxSpeechToTextOverlay_1.17.29001.0_neutral_~_8wekyb3d8bbwe	
Microsoft.YourPhone	Microsoft.YourPhone_2019.430.2026.0_neutral_~_8wekyb3d8bbwe	
Microsoft.ZuneMusic	Microsoft.ZuneMusic_2019.19071.19011.0_neutral_~_8wekyb3d8bbwe	
Microsoft.ZuneVideo	Microsoft.ZuneVideo_2019.19071.19011.0_neutral_~_8wekyb3d8bbwe	

Remove System Apps.

Filter

➕ Add criteria ▼

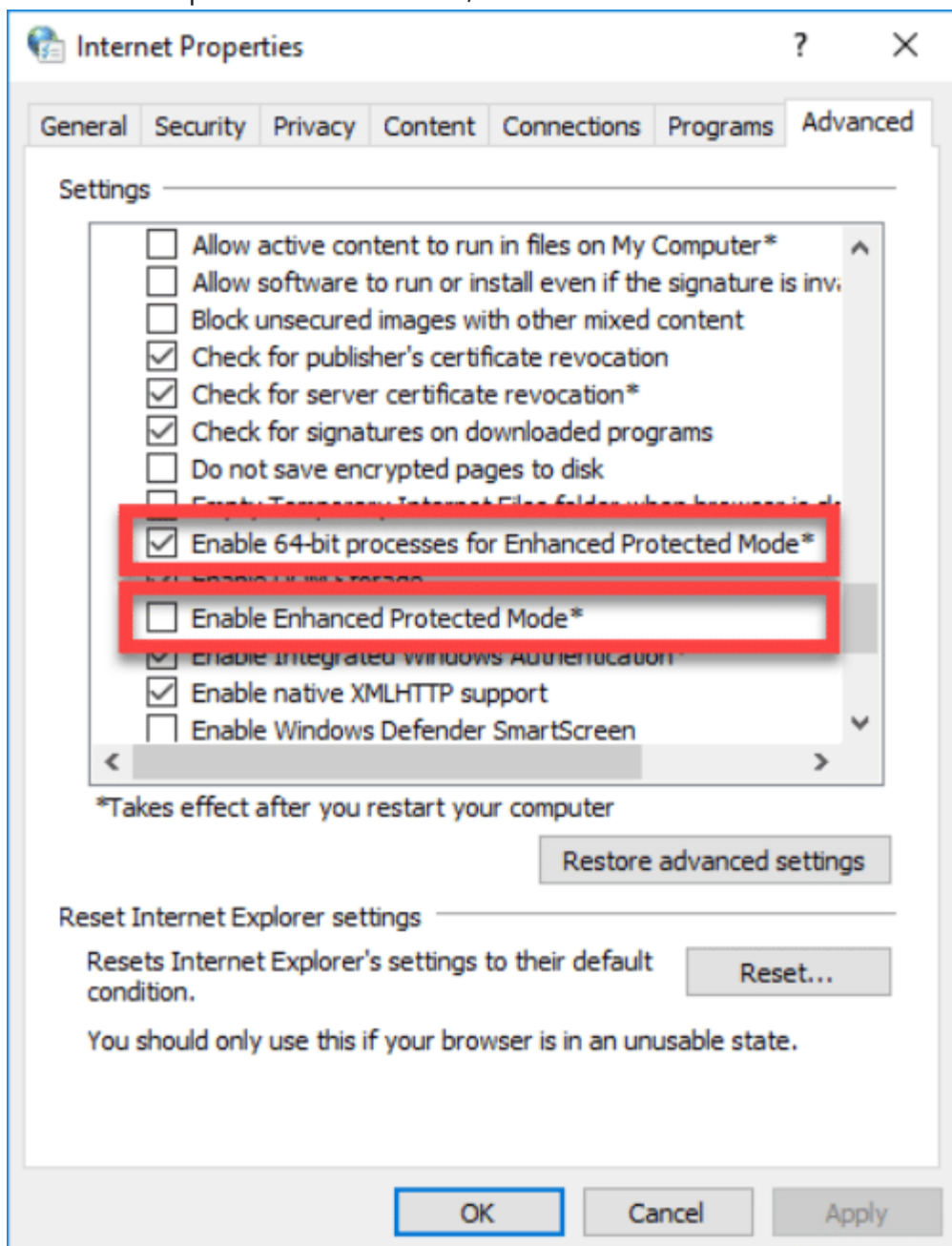| DisplayName	PackageName
Microsoft.AAD.BrokerPlugin	Microsoft.AAD.BrokerPlugin_10.0.19041.423_neutral_neutral_cw5n1h2txyewy
Microsoft.AccountsControl	Microsoft.AccountsControl_10.0.19041.423_neutral_neutral_cw5n1h2txyewy
Microsoft.AsyncTextService	Microsoft.AsyncTextService_10.0.19041.423_neutral_neutral_8wekyb3d8bb...
Microsoft.BioEnrollment	Microsoft.BioEnrollment_10.0.19041.423_neutral_neutral_cw5n1h2txyewy
Microsoft.CredDialogHost	Microsoft.CredDialogHost_10.0.19041.423_neutral_neutral_cw5n1h2txyewy
Microsoft.ECApp	Microsoft.ECApp_10.0.19041.423_neutral_neutral_8wekyb3d8bbwe
Microsoft.LockApp	Microsoft.LockApp_10.0.19041.423_neutral_neutral_cw5n1h2txyewy
Microsoft.MicrosoftEdge	Microsoft.MicrosoftEdge_44.19041.423.0_neutral__8wekyb3d8bbwe
Microsoft.MicrosoftEdgeDevToolsClient	Microsoft.MicrosoftEdgeDevToolsClient_10.0.19041.423_neutral__8wekyb3...
Microsoft.Win32WebViewHost	Microsoft.Win32WebViewHost_10.0.19041.423_neutral_neutral_cw5n1h2tx...
Microsoft.Windows.AddSuggestedFoldersToLibarayDialog	F46D4000-FD22-4DB4-AC8E-4E1DDDE828FE_10.0.19041.423_neutral_neut...
Microsoft.Windows.AppRep.ChxApp	Microsoft.Windows.AppRep.ChxApp_10.0.19041.423_neutral_neutral_cw5n...
Microsoft.Windows.AppResolverUX	E2A4F912-2574-4A75-9BB0-0D023378592B_10.0.19041.423_neutral_neutr...
Microsoft.Windows.AssignedAccessLockApp	Microsoft.Windows.AssignedAccessLockApp_10.0.19041.423_neutral_neutr...
Microsoft.Windows.CallingShellApp	Microsoft.Windows.CallingShellApp_10.0.19041.423_neutral_neutral_cw5n1...
Microsoft.Windows.CapturePicker	Microsoft.Windows.CapturePicker_10.0.19041.423_neutral_neutral_cw5n1h...
Microsoft.Windows.CloudExperienceHost	Microsoft.Windows.CloudExperienceHost_10.0.19041.423_neutral_neutral_...
Microsoft.Windows.ContentDeliveryManager	Microsoft.Windows.ContentDeliveryManager_10.0.19041.423_neutral_neut...
Microsoft.Windows.FileExplorer	c5e2524a-ea46-4f67-841f-6a9465d9d515_10.0.19041.423_neutral_neutral_...
Microsoft.Windows.FilePicker	1527c705-839a-4832-9118-54d4Bd6a0c89_10.0.19041.423_neutral_neutral...
Microsoft.Windows.NarratorQuickStart	Microsoft.Windows.NarratorQuickStart_10.0.19041.423_neutral_neutral_8w...
Microsoft.Windows.OOBENetworkCaptivePortal	Microsoft.Windows.OOBENetworkCaptivePortal_10.0.19041.423_neutral_ne...
Microsoft.Windows.OOBENetworkConnectionFlow	Microsoft.Windows.OOBENetworkConnectionFlow_10.0.19041.423_neutral_...
Microsoft.Windows.ParentalControls	Microsoft.Windows.ParentalControls_10.0.19041.423_neutral_neutral_cw5n...
Microsoft.Windows.PeopleExperienceHost	Microsoft.Windows.PeopleExperienceHost_10.0.19041.423_neutral_neutral...
Microsoft.Windows.PinningConfirmationDialog	Microsoft.Windows.PinningConfirmationDialog_10.0.19041.423_neutral_ne...
Microsoft.Windows.Search	Microsoft.Windows.Search_10.0.19041.423_neutral_neutral_cw5n1h2txyewy
Microsoft.Windows.SecHealthUI	Microsoft.Windows.SecHealthUI_10.0.19041.423_neutral__cw5n1h2txyewy
Microsoft.Windows.SecureAssessmentBrowser	Microsoft.Windows.SecureAssessmentBrowser_10.0.19041.423_neutral_ne...
Microsoft.Windows.ShellExperienceHost	Microsoft.Windows.ShellExperienceHost_10.0.19041.610_neutral_neutral_c...
Microsoft.Windows.StartMenuExperienceHost	Microsoft.Windows.StartMenuExperienceHost_10.0.19041.610_neutral_neu...
Microsoft.Windows.XGpuEjectDialog	Microsoft.Windows.XGpuEjectDialog_10.0.19041.423_neutral_neutral_cw5n...
Microsoft.XboxGameCallableUI	Microsoft.XboxGameCallableUI_10.0.19041.423_neutral_neutral_cw5n1h2tx...
MicrosoftWindows.Client.CBS	MicrosoftWindows.Client.CBS_120.2212.31.0_neutral_neutral_cw5n1h2txye...
MicrosoftWindows.UndockedDevKit	MicrosoftWindows.UndockedDevKit_10.0.19041.423_neutral_neutral_cw5n...
NcsiUwpApp	NcsiUwpApp_10.0.19041.423_neutral_neutral_8wekyb3d8bbwe
Windows.CBSPreview	Windows.CBSPreview_10.0.19041.423_neutral_neutral_cw5n1h2txyewy
windows.immersivecontrolpanel	windows.immersivecontrolpanel_10.0.2.1000_neutral_neutral_cw5n1h2txye...
Windows.PrintDialog	Windows.PrintDialog_6.2.1.0_neutral_neutral_cw5n1h2txyewy

If you remove Internet Explorer and Media Player it may cause some games that rely on the libraries from them to not work. I've never had that problem, but alternatively, you can leave them enabled in the script, and just disable them in Control Panel, Programs And Features, 'Turn Windows features on or off', then the libraries will still be installed.
I remove Notepad and Wordpad because I prefer using Notepad++. You can set in Preferences in Notepad++ for it to open .txt and .inf files etc. by default.

▶ Remove Windows Capabilities.

Name	State
App.StepsRecorder~~~~0.0.1.0	Installed
App.Support.QuickAssist~~~~0.0.1.0	Installed
Browser.InternetExplorer~~~~0.0.11.0	Installed
DirectX.Configuration.Database~~~~0.0.1.0	Installed
Hello.Face.18967~~~~0.0.1.0	Installed
Hello.Face.Migration.18967~~~~0.0.1.0	Installed
Language.Handwriting~~~en-GB~0.0.1.0	Installed
Language.OCR~~~en-GB~0.0.1.0	Installed
Language.Speech~~~en-GB~0.0.1.0	Installed
MathRecognizer~~~~0.0.1.0	Installed
Media.WindowsMediaPlayer~~~~0.0.12.0	Installed
Microsoft.Windows.MSPaint~~~~0.0.1.0	Installed
Microsoft.Windows.Notepad~~~~0.0.1.0	Installed
Microsoft.Windows.PowerShell.ISE~~~~0.0.1.0	Installed
Microsoft.Windows.WordPad~~~~0.0.1.0	Installed
NetFX3~~~~	Installed
OneCoreUAP.OneSync~~~~0.0.1.0	Installed
OpenSSH.Client~~~~0.0.1.0	Installed
Print.Fax.Scan~~~~0.0.1.0	Installed
Print.Management.Console~~~~0.0.1.0	Installed
Windows.Client.ShellComponents~~~~0.0.1.0	Installed

If Internet Explorer doesn't work, Enable 64 Bit Processes in Advanced Properties like below.

Internet Explorer x64

I remove these as I don't use those Windows Features.

Remove Windows Packages.

Filter

+ Add criteria ▾

PackageName	ReleaseType
Microsoft-Windows-Printing-WFS-FoD-Package~31bf3856ad364e35~amd64~en-GB~10.0.19041.117	OnDemandPack
Microsoft-Windows-Printing-PMCPPC-FoD-Package~31bf3856ad364e35~amd64~~10.0.19041.1	OnDemandPack
Microsoft-Windows-StepsRecorder-Package~31bf3856ad364e35~amd64~en-GB~10.0.19041.1	OnDemandPack
Microsoft-Windows-Printing-WFS-FoD-Package~31bf3856ad364e35~amd64~~10.0.19041.1	OnDemandPack
Microsoft-Windows-PowerShell-ISE-FOD-Package~31bf3856ad364e35~wow64~en-GB~10.0.19041.1	OnDemandPack
Microsoft-Windows-PowerShell-ISE-FOD-Package~31bf3856ad364e35~amd64~~10.0.19041.1	OnDemandPack
Microsoft-Windows-Printing-PMCPPC-FoD-Package~31bf3856ad364e35~amd64~en-GB~10.0.19041.1	OnDemandPack
Microsoft-Windows-PowerShell-ISE-FOD-Package~31bf3856ad364e35~wow64~~10.0.19041.1	OnDemandPack
Microsoft-Windows-WordPad-FoD-Package~31bf3856ad364e35~amd64~~10.0.19041.1	OnDemandPack
Microsoft-Windows-WordPad-FoD-Package~31bf3856ad364e35~amd64~en-GB~10.0.19041.1	OnDemandPack
Microsoft-Windows-WordPad-FoD-Package~31bf3856ad364e35~wow64~~10.0.19041.1	OnDemandPack
Microsoft-Windows-WordPad-FoD-Package~31bf3856ad364e35~wow64~en-GB~10.0.19041.1	OnDemandPack
Microsoft-Windows-StepsRecorder-Package~31bf3856ad364e35~wow64~en-GB~10.0.19041.1	OnDemandPack
Microsoft-Windows-StepsRecorder-Package~31bf3856ad364e35~amd64~~10.0.19041.1	OnDemandPack
Microsoft-Windows-UserExperience-Desktop-Package~31bf3856ad364e35~amd64~~10.0.19041.173	OnDemandPack
Microsoft-Windows-StepsRecorder-Package~31bf3856ad364e35~wow64~~10.0.19041.1	OnDemandPack
Microsoft-Windows-PowerShell-ISE-FOD-Package~31bf3856ad364e35~amd64~en-GB~10.0.19041.1	OnDemandPack
Microsoft-Windows-LanguageFeatures-Speech-en-gb-Package~31bf3856ad364e35~amd64~~10.0.19041.1	OnDemandPack
Microsoft-Windows-MediaPlayer-Package~31bf3856ad364e35~amd64~~10.0.19041.153	OnDemandPack
Microsoft-Windows-MSPaint-FoD-Package~31bf3856ad364e35~amd64~en-GB~10.0.19041.1	OnDemandPack
Microsoft-Windows-LanguageFeatures-OCR-en-gb-Package~31bf3856ad364e35~amd64~~10.0.19041.1	OnDemandPack
Microsoft-OneCore-DirectX-Database-FOD-Package~31bf3856ad364e35~amd64~~10.0.19041.1	OnDemandPack
Microsoft-Windows-InternetExplorer-Optional-Package~31bf3856ad364e35~amd64~~11.0.19041.1	OnDemandPack
Microsoft-Windows-LanguageFeatures-Handwriting-en-gb-Package~31bf3856ad364e35~amd64~~10.0.19041.1	OnDemandPack
Microsoft-Windows-Notepad-FoD-Package~31bf3856ad364e35~amd64~~10.0.19041.117	OnDemandPack
Microsoft-Windows-Notepad-FoD-Package~31bf3856ad364e35~wow64~en-GB~10.0.19041.1	OnDemandPack
Microsoft-Windows-Notepad-FoD-Package~31bf3856ad364e35~wow64~~10.0.19041.1	OnDemandPack
Microsoft-Windows-Notepad-FoD-Package~31bf3856ad364e35~amd64~en-GB~10.0.19041.1	OnDemandPack
Microsoft-Windows-MSPaint-FoD-Package~31bf3856ad364e35~amd64~~10.0.19041.1	OnDemandPack
Microsoft-Windows-MSPaint-FoD-Package~31bf3856ad364e35~wow64~en-GB~10.0.19041.1	OnDemandPack
Microsoft-Windows-MSPaint-FoD-Package~31bf3856ad364e35~wow64~~10.0.19041.1	OnDemandPack
Microsoft-Windows-Client-LanguagePack-Package~31bf3856ad364e35~amd64~en-GB~10.0.19041.207	LanguagePack
Microsoft-Windows-FodMetadata-Package~31bf3856ad364e35~amd64~~10.0.19041.1	FeaturePack

Disable Optional Features.

Filter

+ Add criteria ▾

FeatureName	State	
Internet-Explorer-Optional-amd64	Enabled	
MediaPlayback	Enabled	
MSRDC-Infrastructure	Enabled	
NetFx3	Enabled	
NetFx4-AdvSrvs	Enabled	
Printing-Foundation-Features	Enabled	
Printing-Foundation-InternetPrinting-Client	Enabled	
Printing-PrintToPDFServices-Features	Enabled	
Printing-XPSServices-Features	Enabled	
SearchEngine-Client-Package	Enabled	
SmbDirect	Enabled	
WCF-Services45	Enabled	
WCF-TCP-PortSharing45	Enabled	
WindowsMediaPlayer	Enabled	

I enable **DirectPlay** and **LegacyComponents** for older Windows games. I enable **Microsoft-Windows-Subsystem-Linux** as I use GSAT to stress test my RAM overclock.

Enable Optional Features.

Filter

➕ Add criteria ▼

FeatureName	State		IIS-ServerSideIncludes	Disabled
			IIS-StaticContent	Disabled
AppServerClient	Disabled		IIS-URLAuthorization	Disabled
Client-DeviceLockdown	Disabled		IIS-WebDAV	Disabled
Client-EmbeddedBoo...	Disabled		IIS-WebServer	Disabled
Client-EmbeddedLog...	Disabled		IIS-WebServerManagementTools	Disabled
Client-EmbeddedShel...	Disabled		IIS-WebServerRole	Disabled
ClientForNFS-Infrastr...	Disabled		IIS-WebSockets	Disabled
Client-KeyboardFilter	Disabled		IIS-WindowsAuthentication	Disabled
Client-ProjFS	Disabled		IIS-WMICompatibility	Disabled
Client-UnifiedWriteFil...	Disabled		LegacyComponents	Disabled
Containers	Disabled		Microsoft-Hyper-V	Disabled
Containers-Disposabl...	Disabled		Microsoft-Hyper-V-All	Disabled
DataCenterBridging	Disabled		Microsoft-Hyper-V-Hypervisor	Disabled
DirectoryServices-AD...	Disabled		Microsoft-Hyper-V-Management-Clients	Disabled
DirectPlay	Disabled		Microsoft-Hyper-V-Management-PowerShell	Disabled
			Microsoft-Hyper-V-Services	Disabled
FaxServicesClientPackage	Disabled		Microsoft-Hyper-V-Tools-All	Disabled
HostGuardian	Disabled		Microsoft-Windows-Subsystem-Linux	Disabled
HypervisorPlatform	Disabled		MSMQ-ADIntegration	Disabled
IIS-ApplicationDevelo...	Disabled		MSMQ-Container	Disabled
			MSMQ-DCOMP	Disabled

Choose Solid compression and it'll fit on a 4GB USB, but it can take a very long time to make the ISO. If you use an 8GB USB or bigger just choose Maximum compression, it'll save a ton of time.

Select Final Image Compression.

Filter

➕ Add criteria ▼

Compression
Solid
Maximum
Fast
None