

COPS Guide - System Service (Windows)

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Software

- Restart Windows
- Configure System Restore
 - Try to set at least 7% allocation*
- Create a new System Restore point
 - Name it something like "COPS - Pre System Service"*
- Task Manager
 - Disable unwanted startup items
- [Wintoys](#)
 - Install [Wintoys](#)

```
winget install wintoys
```

or

```
winget install 9P8LTPGCBZXD
```

or

```
ms-windows-store://pdp/?ProductId=9P8LTPGCBZXD
```
 - Performance Tab
 - Ultimate performance power plan | Turn ON if Desktop / Turn OFF if Laptop
 - HAGS (hardware-accelerated GPU scheduling) | Turn ON
 - VBS (virtualization-base security) | Turn ON
 - Startup apps | Disable unwanted startup items
 - Search indexing | Turn ON
 - Delivery optimization | Turn ON
 - Network adapter onboard processor | Turn ON
 - Health Tab
 - Fast startup | Turn ON
 - Drive optimization | Turn ON and run (click config icon and optimise each drive)
 - Storage sense | Turn ON and run (click config icon and click 'Run Storage Sense now')
 - Cleanup | Run 'Junk' + 'Microsoft Store' + 'DNS'
 - System updates | Set to 'Default'
 - App updates | Turn ON
 - Graphics driver | Click 'Restart'
 - Icons cache | Click 'Rebuild'
 - Tweaks Tab
 - Desktop | Turn ON 'This PC' + 'Recycle Bin'
- Update software
 - Windows Update
 - old Windows 10 builds can use the Windows 10 Update Assistant to jump to the latest build*
 - Update Apps via Winget
 - Update Apps via Microsoft Store
 - Update Office Apps
- Update Drivers
 - Update Drivers using `SDIO`
 - Verify Drivers using `verifier`
- Maintenance
 - Run the following commands:

```
sfc /scannow
dism /online /cleanup-image /startcomponentcleanup /resetbase
dism /online /cleanup-image /restorehealth
sfc /scannow
chkdsk c: /r /scan /perf
defrag c: /o
```

- Disk Cleanup
 - Run `cleanmgr /sageset:10`
 - Click Clean up system files
 - Tick all checkboxes EXCEPT: 'System error memory dump files' + 'System error minidump files' + 'Windows error reports and feedback diagnostics'
 - Click OK
 - Run `cleanmgr /sagerun:10`
- Memory Diagnostics
 - Run Windows Memory Diagnostics
 - Click 'Restart now and check for problems (recommended)'
 - After Windows boots back up, check results:
 - Event Viewer > Windows Logs > System > Filter Current Log... > Event sources > Tick 'MemoryDiagnostics-Results' > Click OK
- Create a new System Restore point
 - Name it something like "COPS - Post System Service"*

Hardware

- Check all buttons and ports are free from debris and working functioning correctly
- Air compress out system as required
- Wipe down device and clean surfaces
- Add a Serviced by COPS sticker or replace old worn stickers as required