Script to clear cache and temporary files on Windows devices

<https://www.hexnode.com/mobile-device-management/help/script-to-clear-cache-and-temporary-files-on-windows-devices/>

Clearing all caches in Windows usually helps if your device is slowing down or exhibiting suboptimal performance. This usually happens when you’ve been on the internet for a while, installed Windows updates, or haven’t reset your computer in a long time.

For several reasons, clearing your cache regularly enhances the efficiency of your system. Depending on your settings, a cache can get rather large and take up a lot of disc space on your computer. The more data saved in the cache, the slower your computer will browse the web or do routine tasks. Delete the cache data to aid debugging, improve web page loading times, and boost your computer’s performance.

Using Hexnode, you can deploy scripts to effortlessly delete all temporary files and directories as well as empty the recycle bin.

Disclaimer:

The sample scripts provided below are adapted from third-party open-source sites.

PowerShell scripts

1) Remove temporary files

$objShell = New-Object -ComObject Shell.Application

$objFolder = $objShell.Namespace(0xA)

$WinTemp = "c:\Windows\Temp\\*"

#1# Remove Temp Files

write-Host "Removing Temp" -ForegroundColor Green

Set-Location “C:\Windows\Temp”

Remove-Item \* -Recurse -Force -ErrorAction SilentlyContinue

Set-Location “C:\Windows\Prefetch”

Remove-Item \* -Recurse -Force -ErrorAction SilentlyContinue

Set-Location “C:\Documents and Settings”

Remove-Item “.\\*\Local Settings\temp\\*” -Recurse -Force -ErrorAction SilentlyContinue

Set-Location “C:\Users”

Remove-Item “.\\*\Appdata\Local\Temp\\*” -Recurse -Force -ErrorAction SilentlyContinue

#2# Running Disk Clean up Tool

write-Host "Running the Windows Disk Clean up Tool" -ForegroundColor White

cleanmgr /sagerun:1 | out-Null

$([char]7)

Sleep 3

write-Host "Cleanup task complete!" -ForegroundColor Yellow

Sleep 3

##### End of the Script #####

2) Clear Recycle Bin

$Path = 'C' + ':\$Recycle.Bin'

Get-ChildItem $Path -Force -Recurse -ErrorAction SilentlyContinue |

Remove-Item -Recurse -exclude \*.ini -ErrorAction SilentlyContinue

write-Host "Recycle Bin is empty."

Batch script

@echo off

echo is clearing system junk files, please wait...

del /f /s /q %windir%\prefetch\\*.\* & rd /s /q %windir%\temp & md %windir%\temp

echo clear system garbage is complete!

Notes:

Once the script is run successfully, restart your device for the changes to take effect.

Windows do not allow any files or folders that are still in use to be deleted.

It is recommended to manually validate the script execution on a system before executing the action in bulk.

Hexnode will not be responsible for any damage/loss to the system on the behavior of the script.