

Scan for Component Store Corruption (DISM)

This PowerShell script uses **DISM /ScanHealth** to check for corruption in the Windows Component Store. It captures the output and searches the logs for any corruption-related entries, optionally saving details to a text file for review.

? Features

- Runs `DISM /ScanHealth` to check system health
- Logs output to a temporary file
- Searches for corruption-related entries
- Saves details about corrupted files (if found) to a text file
- Useful for early detection of system integrity issues

? Script

```
# Run DISM to check for component store corruption
$logFile = "$env:TEMP\DISM.log"
$corruptFileList = "$env:TEMP\CorruptFiles.txt"

# Run the DISM command and capture the output
$DISMOutput = dism /Online /Cleanup-Image /ScanHealth 2>&1 | Tee-Object -FilePath $logFile

# Look for corruption indicators in the DISM log
$corruptEntries = $DISMOutput | Select-String "corrupt"

# Extract corrupted file paths (if any)
if ($corruptEntries) {
    Write-Output "Corrupt files detected. Extracting details..."

    # Read DISM logs to locate potential corrupt files
    $dismLogPath = "C:\Windows\Logs\DISM\dism.log"
    $foundFiles = Select-String -Path $dismLogPath -Pattern "(.+corrupt:.+)" -AllMatches |
    ForEach-Object { $_.Matches.Groups[1].Value }

    if ($foundFiles) {
        $foundFiles | Out-File -FilePath $corruptFileList
    }
}
```

```
Write-Output "Corrupt files list saved to: $corruptFileList"
Get-Content $corruptFileList
} else {
    Write-Output "Corruption detected, but no specific files were listed in the logs."
}
} else {
    Write-Output "No corruption found."
}
```

? Notes

- **Admin rights are required** to run this script.
- Output files:
 - DISM Output: `$env:TEMP\DISM.log`
 - Corrupt File List: `$env:TEMP\CorruptFiles.txt`
- Log parsing may not identify every type of corruption. Always review `C:\Windows\Logs\DISM\dism.log` manually for critical diagnostics.

Use this script proactively to detect and investigate potential system health problems before they escalate.

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