Scannow

The sfc /scannow command will scan all protected system files, and replace corrupted files with a cached copy that is located in a compressed folder at %WinDir%\System32\dllcache.

The %WinDir% placeholder represents the Windows operating system folder. For example, C:\Windows.

**Note:** Do not close this Command Prompt window until the verification is 100% complete. The scan results will be shown after this process is finished.

After the process is finished, you may receive one of the following messages:

Windows Resource Protection did not find any integrity violations.

This means that you do not have any missing or corrupted system files.

Windows Resource Protection could not perform the requested operation.

To resolve this problem, perform the System File Checker scan in safe mode, and make sure that the PendingDeletes and PendingRenames folders exist under %WinDir%\WinSxS\Temp.

Windows Resource Protection found corrupt files and successfully repaired them. Details are included in the CBS.Log %WinDir%\Logs\CBS\CBS.log.

To view the detail information about the system file scan and restoration, go to How to view details of the System File Checker process.

Windows Resource Protection found corrupt files but was unable to fix some of them. Details are included in the CBS.Log %WinDir%\Logs\CBS\CBS.log.

To repair the corrupted files manually, view details of the System File Checker process to find the corrupted file, and then manually replace the corrupted file with a known good copy of the file.

**How to view details of the System File Checker process**

To view the details that included in the CBS.Log file, you can copy the information to the Sfcdetails.txt file by using the Findstr command, and then view the details in the Sfcdetails.txt. To do this, follow these steps:

1. Open an elevated command prompt as described in the previous step 1.
2. At the command prompt, type the following command, and then press ENTER:

findstr /c:"[SR]" %windir%\Logs\CBS\CBS.log >"%userprofile%\Desktop\sfcdetails.txt"

**Note:** The Sfcdetails.txt file contains details from every time that the System File Checker tool has been run on the computer. The file includes information about files that were not repaired by the System File Checker tool. Verify the date and time entries to determine the problem files that were found the last time that you ran the System File Checker tool.

1. Open the Sfcdetails.txt file from your desktop.
2. The Sfcdetails.txt file uses the following format:

Date/Time SFC detail

The following sample log file contains an entry for a file that could not be repaired:

2007-01-12 12:10:42, Info CSI 00000008 [SR] Cannot

repair member file [l:34{17}]"Accessibility.dll" of Accessibility, Version =

6.0.6000.16386, pA = PROCESSOR\_ARCHITECTURE\_MSIL (8), Culture neutral,

VersionScope neutral, PublicKeyToken = {l:8 b:b03f5f7f11d50a3a}, Type

neutral, TypeName neutral, PublicKey neutral in the store, file is missing