

Svchost.exe Application Error Fix

"svchost.exe -- application error the instruction at "0x745f2780" reference memory at "0x00000000". The memory could not be 'read'."

Looking into the event log yielded the following:

Faulting application svchost.exe, version 5.1.2600.2180, faulting module msi.dll, version 3.1.4000.2435, fault address 0x00012780.

The problem isn't so much this error message, but the fact then when the dialog with the error was closed, the machine becomes unusable (no new executables would start).

Something with Windows Update broke something with the Windows Installer. Reinstalling Windows Installer 3.1 doesn't solve the problem, but the follow procedure seems to do the trick:

Perform these steps leaving the svchost crash dialog box open.

1. Click Start->Run, type "services.msc" (without quotation marks) in the open box and click OK.
 2. Double click the service "Automatic Updates".
 3. Click on the Log On tab, please ensure the option "Local System account" is selected and the option "Allow service to interact with desktop" is unchecked.
 4. Check if this service has been enabled on the listed Hardware Profile, if not, please click the Enable button to enable it.
 5. Click on the tab "General "; make sure the "Startup Type" is "Automatic", then please click the button "Start" under "Service Status" to start the service.
 6. Repeat the above steps with the other service: Background Intelligent Transfer Service (BITS).
- Step 7: Re-register Windows Update components and Clear the corrupted Windows Update temp folder.

1. Click on Start and then click Run.
2. In the open field type "REGSVR32 WUAPI.DLL" (without quotation marks) and press Enter.
3. When you receive the "DllRegisterServer in WUAPI.DLL succeeded" message, click OK.
4. Please repeat these steps for each of the following commands:

```
REGSVR32 WUAUENG.DLL  
REGSVR32 WUAUENG1.DLL  
REGSVR32 ATL.DLL  
REGSVR32 WUCLTUI.DLL  
REGSVR32 WUPS.DLL  
REGSVR32 WUPS2.DLL  
REGSVR32 WUWEB.DLL
```

Since the temporary folder for Windows Update may be corrupted, please follow this procedure after the above steps are finished:

We can refer to the following steps to rename this folder.

1. Click Start, Run, type: cmd and press Enter.

2. Please run the following command in the opened window:
net stop WuAuServ *(note, you might need to reboot before the net stop command will work).
3. Click Start, Run, type: %windir% and press Enter.
4. In the opened folder, rename the folder SoftwareDistribution to SDold.
5. Click Start, Run, type: cmd and press Enter.
6. Please run the following command in the opened window:
net start WuAuServ

This may be an easier fix for this problem, but no guarantee it will work:

1. Go to the start menu.
2. Right click "my computer".
3. Click "properties" then the "automatic updates" tab.
4. Choose "turn off automatic updates".
5. Reboot your computer.
6. Go back to start menu and in all programs go to "windows update", you have to be connected to the internet.
7. Manually update windows.
8. Turn your automatic updates back on.

There are some incidents that the problem reappears after some time. If this happens the recommended fix is to turn off automatic updates, and just manually go to Windows Update periodically and update your machine.