

# How to fix Microsoft .NET Framework 4 installation error 0x800c0006 on Windows

While trying to download the Microsoft .NET Framework 4 tool, you suddenly encounter an error message that says: 'The .NET Framework 4 installation did not succeed—the download failed with error code 0x800c0006'.

Don't worry!The following article will help you solve the problem.

## What causes Microsoft .NET Framework 4 error code 0x800c0006?

Here are all possible causes of .NET Framework 4 installation failure:

1. Internet connection problem.
2. The installation method is incorrect.
3. The installation file is corrupted.
4. .NET Framework has been blocked on your device.
5. Some .NET Framework services have been disabled on your PC.
6. Your PC has an error that interferes with the installation.
7. Your Windows system is outdated.

Now, let's see how you can fix the .NET Framework 4 error code 0x800c0006.

## How to fix Microsoft .NET Framework 4 installation error 0x800c0006 on Windows

### 1. Internet connection test and WiFi speed test

Picture 1 of How to fix Microsoft .NET Framework 4 installation error 0x800c0006 on Windows

When installing the .NET Framework 4 tool, always make sure that you have a stable Internet connection. Otherwise, some of the tool's packages may not be installed properly.

To make sure that you have a stable Internet connection, check your WiFi speed. If the Internet speed is ok, refresh your Internet connection to resolve the current problem.

Now, here are the steps to refresh the Internet connection on Windows:

1. Close the .NET Framework installation window.
2. Disconnect your PC from the WiFi network. If you are using an Ethernet cable, unplug the cable from the device.
3. Turn off the router.
4. Wait about 3 minutes and then turn the router back on.
5. Connect your PC to a WiFi network. If you are using an Ethernet cable, plug the cable back into the PC.
6. Try downloading the files again and see if that helps.

If the problem persists, you may not have downloaded the .NET Framework 4 properly. Let's move on to the next step

## 2. Download the .NET Framework 4 properly

The best way to download this tool is to use the '.NET Framework 4 (Web Installer)' option. But do not forget that the installation process requires a strong and stable Internet connection.

Also, make sure you download the tool from Microsoft's website and not anywhere else. Now, here are the steps to download and install the .NET Framework 4:

1. Visit the .NET Framework 4 (Web Installer) page on the Microsoft website.
2. Click the **Download button**.

Picture 2 of How to fix Microsoft .NET Framework 4 installation error 0x800c0006 on Windows

Navigate to the folder containing the downloaded file. From there, double-click the **dotNetFx40\_Full\_setup** file and follow the on-screen instructions to install the tool.

Finally, reboot your device when you're done with the installation.

## 3. Use the .NET Framework 4 offline installer

If the "Web Installer" option is giving you problems, try downloading the tool offline using the "Standalone Installer" option. This method will also be useful in case you have Internet connection problems.

Here's how to download the .NET Framework 4 package via the offline method:

1. Visit the .NET Framework 4 (Standalone Installer) page on the Microsoft website.
2. Click the **Download button**.

Picture 3 of How to fix Microsoft .NET Framework 4 installation error 0x800c0006 on Windows

Navigate to the folder containing the downloaded file. Next, double-click the **dotNetFx40\_Full\_x86\_x64** file and follow the on-screen instructions. Finally, restart the PC to save the changes.

## 4. Unblock .NET Framework 4 installation on PC

Is the download smooth and seamless on the Microsoft website? Are you only having problems when it comes to the installation stage?

If so, there is a high chance that the installation is blocked on your device. Here's how you can solve this problem:

1. Navigate to the location where the downloaded .NET Framework 4 file is located.
2. Right click on the file and select **Properties** .
3. Navigate to the **General** tab .
4. Check the **Unblock** box .

Picture 4 of How to fix Microsoft .NET Framework 4 installation error 0x800c0006 on Windows

Click **Apply** and then **OK** to save the changes.

When you're done, try reinstalling the file and see if that helps.

## 5. Enable all .NET Framework options on PC

Are you still having trouble solving the .NET Framework 4 error? It is possible that some .NET Framework options on your device have been disabled. In that case, enabling these features may solve the problem.

Here are the steps to enable .NET Framework features on Windows:

1. Press **Win + R** to open the Run command dialog box.
2. Type **optionalfeatures** and press **Enter**.
3. **Expand all the .NET Framework** options and check all the boxes below them.

Picture 5 of How to fix Microsoft .NET Framework 4 installation error 0x800c0006 on Windows

Click **OK** to save these changes.

Wait for the process to complete, then click the **Restart now** button .

## 6. Use a restore point, update Windows, or disable anti-virus software

If you still can't resolve the issue, then you're likely experiencing a system error. So let's explore some solutions that might help.

First, use a restore point and see if that helps. A restore point will bring your system back to a certain previous state and eliminate problems. In this case, this method can get rid of any recent system errors that are causing the problem.

If that doesn't help, then try updating your Windows PC. This is another method that eliminates system errors that cause various problems.

And as a last resort, try to solve the problem by temporarily disabling your anti-virus software. In most cases, antivirus programs prevent you from downloading and installing certain files (even if those files are harmless).

You finished reading the article "**How to fix Microsoft .NET Framework 4 installation error 0x800c0006 on Windows**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.