

5 ways to fix 'Remote Procedure Call Failed' error on Windows

Remote Procedure Call (RPC) is a Windows component that facilitates communication between different processes in the system over a network.

However, it can sometimes fail when the user tries to access a service, resulting in the error message "Remote Procedure Call failed".

This guide will show you several methods of troubleshooting and restoring system functionality.

1. Boot into Safe Mode With Networking

The first fix that the article recommends is to boot into Safe Mode With Networking. Doing so will help you if the problem is caused by one of the following:

1. **Corrupt driver or background application conflict** : start with only essential drivers and programs. This means that if an invalid driver or corrupted program is causing the problem, the problem won't appear in Safe Mode, making it easier to determine the cause of the problem. If the error does not appear in Safe Mode, you can proceed to eliminate the cause of the problem by manually removing it or reverting to an earlier system state with . If you have a StarTech USB2VGA device, try updating the device's driver in Safe Mode, as doing so has fixed the problem for some users.
2. **Malware Infection** : Problems can also occur if malware has infected your system. In this case, booting into Safe Mode will help you scan for SFCs without malware interference. Once the problem has been identified, you can take steps to resolve it accordingly.

In case problems occur when you try to install the latest updates on your system, you can also easily install them in Safe Mode.

2. Run Windows Store Troubleshooter

If the problem occurs when you try to launch a Windows Store program, you can also run the Windows Store Troubleshooter to fix the problem.



This utility works by scanning the system for potential errors that can cause problems. If any problems are found, the troubleshooter will suggest relevant fixes that you can also apply from within the tool.

This is quite useful in case the problem is caused by some app corruption.

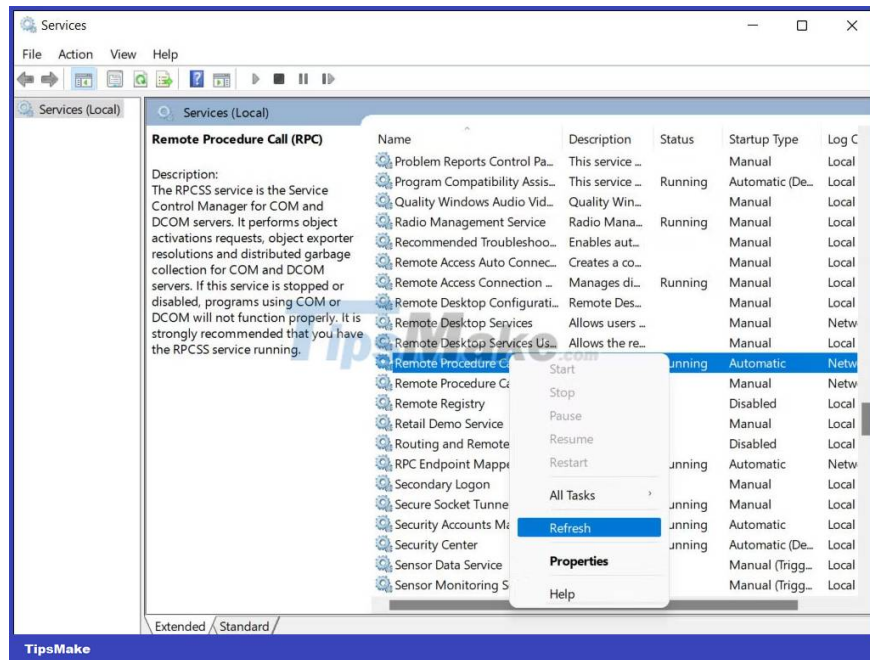
3. Refresh service RPC

Service RPC (Remote Procedure Call) in Windows is responsible for handling communication between different processes. It manages requests and responses between different applications, facilitating task execution and resource sharing.

If the service is dealing with a temporary problem, you may get the current "Remote Procedure Call Failed" error. The solution in this case is very simple. In most cases, refreshing the service will fix the problem for you right away.

Here's how you can do it:

1. **Press the Win + R** key combination to open Run.
2. Type "**services.msc**" into **Run** and press **Enter**.
3. In the Services window, find the Remote Procedure Call service and right-click it.
4. Select **Refresh** from the context menu.



After refreshing the service, perform the initial action that caused the RPC error and check if the problem is resolved.

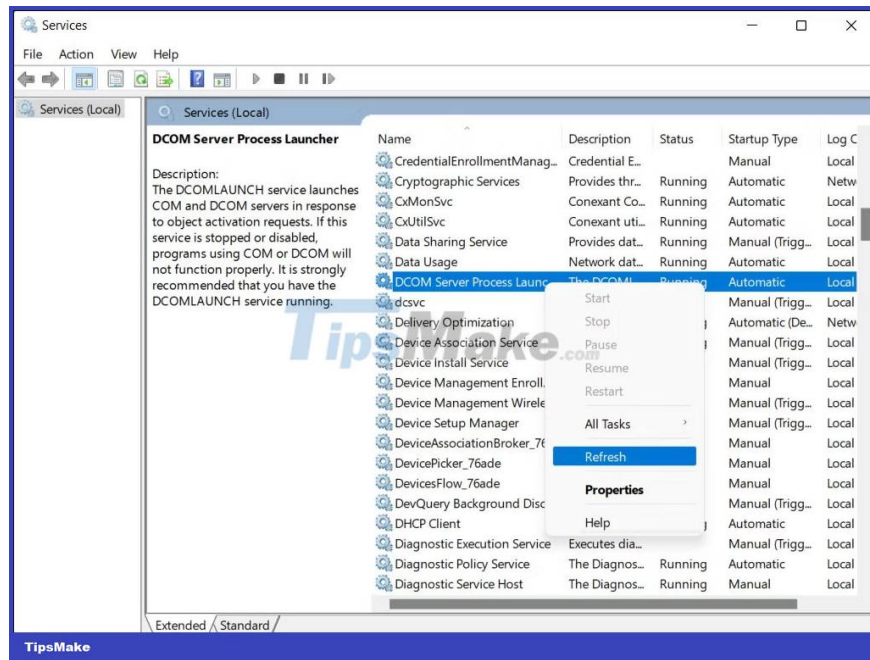
4. Restart DCOM Server Process Launcher

DCOM Server Process Launcher (DcomLaunch) is responsible for managing various services and processes in Windows, including the RPC (Remote Procedure Call) service.

If this service is not working properly, it may cause problems with the RPC service, resulting in the current error. If this is the case, you can try restarting the DCOM Server Process Launcher to fix the problem.

Here's how you can do it:

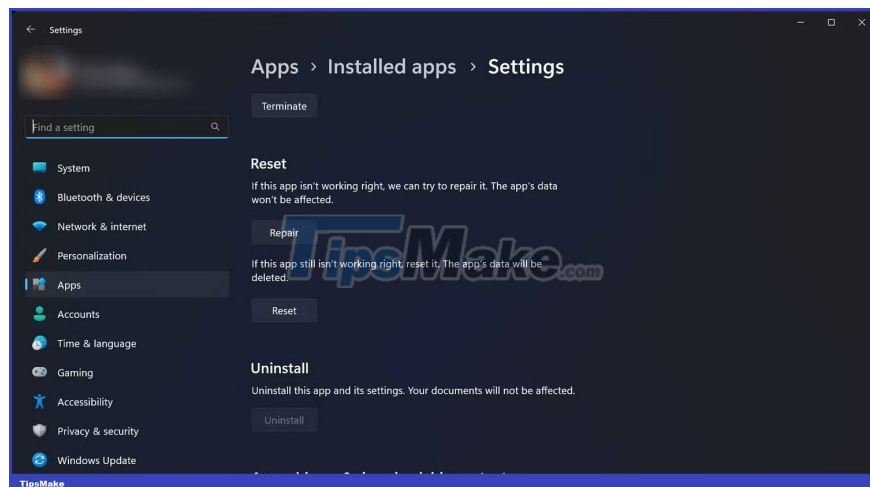
1. **Open the Services** utility by following the steps described in the method above.
2. Once it is launched, find the DCOM Server Process Launcher service and right click on it.
3. Select **Restart** from the context menu.
4. **If the Restart** option is grayed out, select **Refresh**.



You can now try to take the initial action that resulted in the RPC failed error. Hopefully, you won't get the error again.

5. Reset faulty program

There may be a problem with the program you are trying to open. In this case, you can try to solve the problems in the program by using the repair feature provided in Windows by default. If that doesn't work, you can reset the program on Windows to its default state to fix any potential problems.



You can perform both of these actions through the Windows Settings app. However, keep in mind that if you reset the app, you will lose any preferences set in the app.

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