

# How to Fix PIN Error 0x80090027 in Windows 11 or 10 (Solved)

While installing Windows 10 or 11, PIN creation is also required. After your first computer login, you are free to stop using the same. But error code **0x80090027** has reportedly been encountered by several users while resetting the pin on their devices. We talk about this well-known concern that occasionally arises in this article, along with practical fixes.

This error also occurs when users do upgrade to Windows 11. Some users have recently complained that they could no longer utilize PIN, fingerprint, or Windows Hello a few days after the Windows 11 update.

Once they get the same issue, they will be unable to log in to their computer and will be unable to carry out any tasks. If you experience the same problem, be sure to read this article up to the conclusion to learn about all potential fixes for the Windows 10 or 11 PIN isn't available - code **0x80090027** issue. Read the article to receive more information about the fixes.

## Way-1: Ensure that You're Entering the Correct PIN

The first possible cause for the **0x80090027** error is that you can just be typing the PIN incorrectly. You should reset your PIN once to rule out this situation.

To change your PIN, you must have an active internet connection on your computer. So, start your computer and check that it's connected to the internet. Go to the profile's login page and select I forgot my PIN to reset your PIN.

By entering your **Microsoft account password** to confirm your identification, you can reset the PIN or select a different sign-in method by clicking **Send code**, which delivers a code to your email address. If you choose the 2<sup>nd</sup> option, enter the code and press the **Continue** button. Here, Windows will ask you to enter a new PIN; input it, double-check it, then click **OK**. Restart your computer, input your new PIN on the login screen, and try logging in once more to make sure the last login attempt was unsuccessful due to a bad PIN. If you can log in this time, you're set to go; just remember your new PIN.

If you're still facing error code **0x80090027**, then the problem is with your operating system.

## Way-2: Downgrade to Previous Version

After the latest Windows update or upgrade to Windows 11 from 10, if you receive the PIN isn't available - code **0x80090027** problem, you must downgrade to the previous version. Follow these steps to do so:

- Go to the **Windows sign-in** screen
- Press & hold the **Shift key**
- Click on **restart**
- After restart, click on **Troubleshoot option** in the **Choose an option** window
- After that, click on the **Advanced** option, then **Uninstall Updates**
- Follow the instructions afterward
- After finishing, let the system boot normally and check the sign-in options

## Way-3: Deleting NGC Folder

This folder contains all of Windows' PIN-related settings, therefore you should delete it to solve error **0x80090027**. All PIN-related information on the windows will be deleted during this operation. Then, you can create a new PIN that ought to function properly.

Both for windows 10 and 11, you can follow the steps:

- Login to your administrator account
- Go to the following directory:  
**C:\Windows\ServiceProfiles\LocalService\AppData\Local\Microsoft**
- Find the **Ngc** folder and delete it
- Then go to **Settings > Accounts > Sign-in options** and set a new pin.

## Way-4: TPM Adjustment

Another root issue that could cause this error code **0x80090027** is an undeployed TPM. Windows PIN won't work unless the hardware-layer encryption offered by TPM is activated (due to security reasons). To accomplish this, modify the TPM settings using the TPM Management tool.

To do so, follow the steps below:

- Open the **Run** dialog box by pressing **Win Key+R**
- Type '**tpm.msc**' and hit **Enter**
- Click **Yes** to get admin access after prompting by **UAC**
- Select the **Action** option from the top bar
- Select **Prepare the TPM**
- Close the window
- Restart PC

Go down to the next method in the list below if you're still getting the **0x80090027** error.

## Way-5: Modify Sign-in Settings in Group Policy Editor

You may encounter error code **0x80090027** if the Group Policy Editor's convenience PIN sign-in setting is deactivated. Therefore, it's crucial to make sure that it isn't the cause of the error.

Nevertheless, this function might not be available in Windows 11. Skip this step if it also applies to you.

Follow the steps:

- Press **WinKey+R** to open the Run dialog box
- Type '**gpedit.msc**' & click **OK**
- Go to **Administrating Templates**, then **System** & finally **Logon**
- Click on & open **Turn on convenience PIN sign-in setting**
- Check the **Enabled** box
- Click **Apply** and **OK**

## Way-6: Run SFC Scan

When you remove malware from your computer, make sure that it hasn't corrupted any Windows files that might be the cause of the current problem. Running an SFC scan is the quickest way to accomplish this. When a file is corrupted, the scan automatically looks for it and replaces it with a cached copy.

Follow the steps to run the scanning process:

- Go to the Windows search bar & type '**cmd**'
- Run the **Command Prompt** as **administrator**
- Type '**SFC/scannow**'
- Press **Enter**
- No need to do anything now. The system will automatically scan and fix the corrupted file if any

## Way-7: IPsec Policy Agent Adjustment

A necessary Windows PIN prerequisite that is occasionally overlooked is the IPsec Policy Agent. To modify the IPsec Policy Agent startup type and make sure the service is running, do it from the Settings menu.

Several impacted users have confirmed that they have changed the IPsec Policy Agent's behavior so that the Startup type is set to Automatic by using the Services utility.

If you think this situation might apply, follow the steps below for detailed information on how to change the IPsec Policy agent's startup type.

To do the modification follow the steps:

- Open **Run** dialog box
- Type '**services.msc**'
- Press **Ctrl+Shift+Enter** and then click **OK** to get administrative privileges
- Locate the **IPsec Policy Agent** service and choose **Properties** by right-clicking
- Go to the **General** tab and change the **startup type** to **Automatic**
- Click **Apply**
- Click **OK** to save changes.
- Restart PC

After trying each solution on the above list and the error **0x80090027** still doesn't go away, restore your computer to an earlier stage when the PIN was functioning properly. As a last resort, it's preferable to factory reset your computer.