

How to enable Local Security Authority (LSA) protection in Windows 11

Local Security Authority (LSA) is an important Windows process for verifying user identity. It manages essential system credentials such as passwords and tokens associated with Microsoft and Azure accounts.

You must enable Local Security Authority protection if you want to protect your credentials from attackers. In this article, we will go through 3 different ways to enable Local Security Authority protection on your computer.

How to enable Local Security Authority protection with Windows Security

Windows Security is a comprehensive security hub for protecting your personal data and network settings. You can use it to scan for system viruses, protect accounts, manage device performance, and control apps and browsers.

Windows Security is also one of the places to enable Local Security Authority protection. Here's how to do it:

1. Press the **Win** key to open the Start menu.
2. In the search bar, type **Windows Security** and press **Enter**.
3. Select **Device security** from the left panel.
4. Select the **Core isolation details** option in the **Core isolation section**.
5. Tap the toggle switch in the **Local Security Authority protection** section .

Picture 1 of How to enable Local Security Authority (LSA) protection in Windows 11

6. Click **Yes** to make UAC pop up.

You will have to restart your computer to see the changes.

How to enable Local Security Authority protection with Registry Editor

Picture 2 of How to enable Local Security Authority (LSA) protection in Windows 11

The next way you can enable Local Security Authority protection is to edit the registry. But make sure to back up the registry before doing the procedure below, as any wrong edits can damage your system.

1. Open the Run dialog box by pressing the hotkey **Win + R** .

2. **In the Run** dialog box , type **regedit** and click **OK**.

3. Navigate to the following location:

Computer\HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Control\Lsa

4. Click the Lsa key in the left panel.

5. Right click on the **RunAsPPL** value on the right.

6. Select **Edit** from the context menu.

7. Enter **1** in the value data and click **OK**.

Enable Local Security Authority protection with Local Group Policy Editor

Local Group Policy Editor is a Windows utility with which you can manage group policy settings on your computer. You can also use it to enable Local Security Authority protection. Here's how to do it:

1. **In the Run** dialog box , type **gpedit.msc** and click **OK**.

2. Click the **Administrative Templates** folder in **the Local Computer Policy** section .

3. Select **System** and then open the **Local Security Authority** folder .

4. Right-click the **Configure LSASS policy to run as a protected process** and select **Edit**.

5. In the edit window that appears, select the **Enabled** option.

6. Click the drop-down icon under **Configure LSA to run as a protected process** and select **Enabled with UEFI Lock** .

Picture 3 of How to enable Local Security Authority (LSA) protection in Windows 11

7. Click **Apply > OK** to save the settings.

Restart your computer to see the changes.

Today, attackers have tools with which they can easily steal your credentials. To work around this, Windows provides additional protection that prevents login attempts from unknown identities. You can enable this protection by following one of the methods above.

Good luck!

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