

Things to know about Android security patches

In some cases, such as turning off automatic updates, you may not be able to run the latest security patch. Here's how to check the version of Android you're running and how to upgrade if you don't have the latest version of Android.

The developers behind Android regularly push new patches to make Android devices more secure. In some cases, such as turning off automatic updates, you may not be able to run the latest security patch.

Here's how to check the version of Android you're running and how to upgrade if you don't have the latest version of Android.

What is the Android security patch?

Android security patches are special patches designed to improve many Android security features. No operating system is perfect, and hackers always discover new vulnerabilities in Android. Therefore, keeping the security software up to date is important.

You can also check for the latest security patches by reading Android security bulletins. The bulletins also detail bug fixes in each new security patch, if you're curious about which security flaw the Android security team is working on.

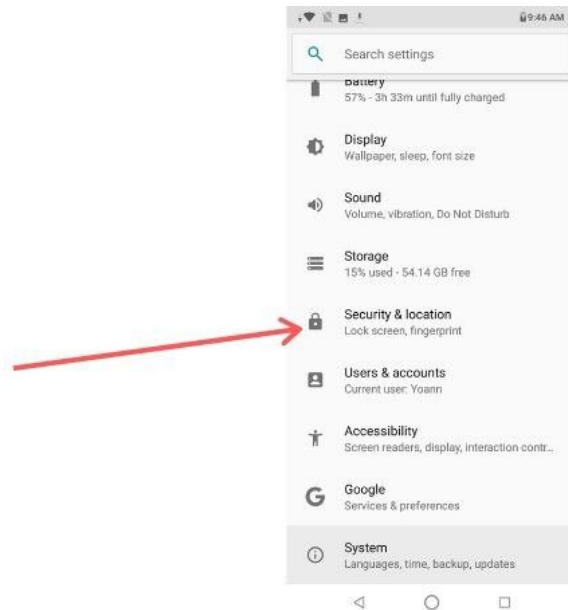
Security patches update automatically by default. However, depending on your phone manufacturer or how you configure the update options, you may not be able to run the latest security patch - even if the system is up to date.

Android developers label the patch according to release date. For example, the security patch was released on November 5, 2019, labeled '2019-11-05'. Usually, the Android security team pushes 2 or more security patches at the beginning of each month. If the security patch has been around for a few months or longer, it's a sign that it's outdated.

Some phones are also too old, are no longer supported by the manufacturer and will not receive new security patches. If you own a Pixel phone or a Nexus device, you can check Google's **Help Center** to see if your device still supports it. For other devices, you will need to contact the phone manufacturer.

Update to the latest security patch

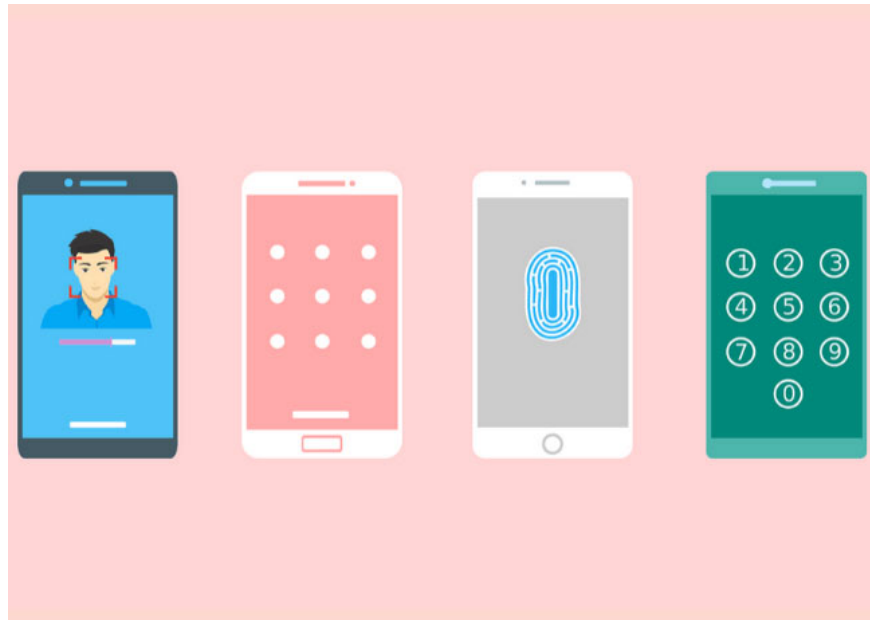
You can check which Android version is running using your phone's **Settings** menu.



To access the **Settings** menu , follow these steps:

1. First, swipe down and touch the gear icon at the top right of the screen. You can also access the **Settings** menu from your full application list.
2. Click **Security**.
3. To check for new security patches, click '**Security Update**' . You need to make sure you have an Internet connection for this step.
4. If a new update is available, your phone will let you know. The system will then guide you through the update process.

You can also check all available system updates by returning to the main **Settings** menu, then clicking **System, Advanced** and finally **System Update**. As well as security updates, the system will guide you through the process.



If your phone can't connect to the Internet or you want to keep your phone connected until the latest patch is available, you'll need to download the update using another device, then transfer it to your phone. friend.

The exact steps will vary by phone model and manufacturer. In most cases, you will be able to update your phone with the procedure as follows:

1. Using a desktop or laptop computer, find, download, and install desktop software provided by the phone manufacturer.
2. Open the desktop software and download the latest device updates.
3. Connect your phone to a desktop or laptop computer.
4. Find and click the '**Update**' icon or something similar. You may see a prompt to find and select the update file you downloaded in step two.
5. Follow any prompts on the screen to complete the update process.

Hackers are always looking for new vulnerabilities in phone software that they can use to control devices and steal user data.

In response to this, the Android security team regularly develops and releases patches to fix security holes when it is discovered, in order to keep user data safe. However, you can turn off the update feature, but note that this may prevent the phone from receiving patches and being vulnerable to attacks.

Fortunately, updating Android phones is not a difficult task. Navigate to the phone's **Security** submenu, then check for any new security patches. If available, the device starts the automatic update.

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