

# Control your app permissions on Android 6.0 and up

When you install an app from Google Play on a device running Android 6.0 and up you control which capabilities or information that app can access—known as permissions. For example, an app might want permission to see your device contacts or location. You can control which permissions an app can access after the app installs on your device.

**Tip:** To find which version of Android your device uses, go to your device's main **Settings** menu > **About Phone** or **About tablet**.

## When you install an app

When you download apps from the Play Store, some apps will ask for permission to use information before you install. When you download apps that are built for Android 6.0 and up, you can allow or deny permissions once you start using them.

1. Open the Play Store app .
2. Go to an app's detail page. To review permissions before installing, scroll down under "Developer" and touch **Permission details**.
3. Touch **Install**.
  - Some apps will install right away. When you use an app, you can allow or deny individual permission requests before the app uses that type of data.
  - For other apps, Google Play shows you all of the permission groups an app will be able to access before you install. This information can help you decide whether you want to install the app.

## When your apps update

When an app updates, there may be changes to the permissions for that app.

### If you have automatic updates turned on

**For apps built for Android 6.0 and up:** You won't need to review or accept permission changes for the app to update. The first time you use a feature that uses a new permission, you can allow or deny the use of that data or capability.

**For other apps:** You won't need to review or accept permissions you've already accepted for an app again. If the app needs access to new permissions groups or permissions in the "Other" group, you'll be asked to accept the update even if you've set up automatic updates.

If you prefer to review each update manually, you can turn off auto-updates with the instructions below.

### Turn off auto-updates

If you want to review each update before installing it, you can turn off auto-updates.

#### Turn off auto-updates for specific apps

1. Open the Play Store app .
2. Touch the Menu icon  > **My Apps**.
3. Select an app.
4. Touch Menu .
5. If it's not already unchecked, uncheck the box next to "Auto-update."

#### Turn off auto-updates for all apps

1. Open the Play Store app .
2. Touch the Menu icon  > **Settings** > **Auto-update apps** > **Do not auto-update apps**.

## Turn permissions on or off

You can change the permissions that apps can access in the main Settings app on your device at any time. Keep in mind turning off permissions may cause apps on your device to lose functionality.

**Note:** If you're using a work, school, or government Google Account, your administrator may use the [Device Policy app](#) to control certain permissions.

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### See all permissions for each app

1. On your device, open the main **Settings** app.
2. Touch **Apps** or **Application Manager** (depending on your device, this may look different).
3. Touch the app you want to update.
4. Touch **Permissions**.
5. Next to a permission you want to turn on, move the switch to the right until it turns green. If you want to turn a permission off, move the switch to the left until it turns gray.

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### See all apps that can access particular permissions

1. On your device, open the main **Settings** app.
2. Touch **Apps** or **Application Manager** (depending on your device, this may look different).
3. Touch the gear icon  > **App permissions**.
4. Touch a permission.
5. If you want to turn that permission on for a specific app, move the switch to the right until it turns green. If you want to turn a permission off, move the switch to the left until it turns gray.

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### Check app permissions if an app isn't working

If a feature within an app isn't working as you would expect, try the steps below.

**Step 1:** Follow the instructions to [contact the app's developer](#).

**Step 2:** Check to see if any permissions have been disabled. To check app permissions:

1. On your device, open the main **Settings** app.
2. Touch **Apps** or **Application Manager** (depending on your device, this may look different).
3. Touch the app you want to review.
4. Touch **Permissions**. If a permission is turned off, the switch next to it will be gray.
5. You can consider turning permissions on to see if that resolves your issue. To turn a permission on, move the switch to the right until it turns green.
6. Try using the app again.

## App permissions for Android 6.0 and up

Below are the app permissions available on Android 6.0 and up. The permissions you see on your device may vary by manufacturer.

To review the permissions on your device, follow the instructions under "Turn permissions on or off" above.

- Body Sensors
- Calendar
- Camera
- Contacts
- Location
- Microphone
- Phone
- SMS
- Storage