

Click to verify



You can let apps use your device's location to take action for you or give you information. For example, apps can use your device's location to display commute traffic or find nearby restaurants. Find which apps use your device's location

Open Settings . Tap Location. Tap App location permissions. Under 'Allowed all the time,'Allowed only while in use,'Ask every time,'and 'Not allowed,'find the apps that can use your device's location. To change the app's permissions, tap it. Then, choose the location access for the app.

Learn about app permissions. Stop an app from using your device's location

You can control which apps can access and use your device's location and when. For example, you could let Google Maps use your device's location to give you driving directions, but not share your location with a game or social media app. On your device's home screen, find the app icon. Touch and hold the app icon. Tap App info . Tap Permissions Location. Select an option: Allow all the time: The app can use your location at any time. Allow only while using the app: The app can use your location only when you're using that app. Ask every time: Every time you open the app, it'll ask to use your location. The app can use the setting until you close it. Don't allow: The app cannot use your location, even when you're using the app. If you've allowed location access, you can also turn Use precise location on or off. Tip: To stop all apps from using your device's location, learn how to turn off location settings. Learn how an app can use your device's location

Important: If an app has permission to use your device's location, it can use your device's approximate location, precise location, or both. On your device's home screen, find the app icon. Touch and hold the app icon. Tap App info . Tap Permissions More All permissions. Under "Location," you can find the type of location the app requested. If you don't find "Location," this app hasn't asked for your device's location. Types of location apps can request: Approximate location: The app can tell that your device is in an area about 3 square kilometers. Precise location: The app can tell your device's exact location. Why apps ask you to change location settings "[To continue / For a better experience], your device will need to use Location Accuracy"; Location may be off or already on for an app, but the app can ask you to turn on more settings or sensors to better find your device's location.

Wi-Fi connection: An app can ask you to turn on Wi-Fi or let your device look for Wi-Fi networks. Scanning for Wi-Fi when "Location Accuracy" is on helps find your device's location more accurately. Location Accuracy: Let apps find your device's location more accurately. Learn how Location Accuracy improves your location. Location Accuracy is also known as Google Location Services. Change other location settings

Post to the help community Get answers from community members If you lose an Android device or Wear OS watch, you can find, secure, or erase it remotely. You can also help a friend find, secure, or erase their lost device with the Find Hub app. If you've added a Google Account to your device, Find Hub is automatically turned on. By default, your device is set to the "With network in high-traffic areas only" setting so that it stores encrypted recent locations with Google and helps find offline devices as part of a crowdsourced network of Android devices. To get help from the network finding your items on your Android device, set a PIN, pattern, or password. Your devices most recent location is available to the first account activated on the device. Tip: To find, secure, or erase your Wear OS device, connect it to Wi-Fi or mobile data. Be ready to find a lost Android device. To secure or erase an Android device, make sure the device: Has power Is connected to mobile data or Wi-Fi Is signed in to a Google Account Has Find Hub turned on Is visible on Google Play If you use 2-step Verification, go to 2-step Verification backups. Find, secure, or erase a device remotely

Important: If you find your device after you erase it, to use your device again, you need your Google Account password. Learn about device protection. Use the Find Hub app

On another Android phone or tablet, open the Find Hub app . Sign in. If your own device is lost: Tap Continue as [your name]. If you're helping a friend: Tap Sign in as guest and let your friend sign in. From the listed devices, select the device you want to locate. The lost device gets a notification. When you manage a Google Account with Family Link, your child's supervised devices automatically appear in the Family devices tab in Find Hub. You may be prompted to provide the lock screen PIN for the Android device you want to locate. This applies to Android 9 or higher. If the device you want to find doesn't use a PIN, or runs Android 8 or lower, you may be prompted for your Google password. On the map, you get information about the device's location. To navigate to a lost device, tap Get directions. Your location is estimated from sources like: GPS: We use satellites to know your location up to around 20 meters. When you're inside buildings or underground, the GPS is sometimes inaccurate. Wi-Fi: The location of nearby Wi-Fi networks helps us know where you are. Cell towers: Your connection to mobile data can be accurate up to a few thousand meters. Learn how to improve your locations accuracy. If the device is within 10 meters, you can get a shape that fills in as you get closer to your device: Tap Find nearby. This may take a few seconds to update. The radius displayed around your location pin is an indication of our confidence in location accuracy. If your device's current location can't be found, you may still find its last known location, if available. Select what you want to do: Play sound: Rings your device at full volume for 5 minutes, even if it's set to silent or vibrate. To play a sound, wireless headphones need to be turned on and earbuds need to be outside the case. Mark as lost: Locks your device with your PIN or password. If you don't have a lock, you can set one. To help someone return your device to you, you can add a message or phone number to the lock screen. To delete a device you can't find: Follow the steps to erase, reset, or remove your device. Erase, reset, or remove your device You can delete your device if you can't find it. Important: These steps permanently delete all data on your device, but may not delete SD cards. After the device is erased, its location won't be available in Find Hub. You can use Find Hub on the web, an Android device, or a friend's Android device in guest mode: On the device, open the Find Hub app . Select the device or accessory you want to reset or remove. Select Settings. To erase an Android device: Tap Factory reset (device name). To delete an accessory: Tap Remove device. Tip: If you want to use an accessory again with Find Hub, to set it up again on Find Hub, you can go to Bluetooth settings. Find your device with your Wear OS watch Find your Android device's IMEI number To disable the device, your mobile service provider can utilize your device's IMEI number. You can find your device's IMEI number in your phone's settings or with Find Hub. Important: Some devices, like Google Pixel Tablet, don't have IMEI numbers. To locate your device's IMEI with the Find Hub app: Open the Find Hub App . Select the device you want to locate. Tap Settings . To locate your device's IMEI on a web browser: Go to android.com/find. Next to the device, select Settings . Mark an accessory as lost When you mark your accessory as lost, you can leave a phone number, email address, and a message on the lock screen. Your contact information can also be accessed by someone else who identifies your accessory as lost so they can return your device to you. Your accessory will automatically be marked as found once it's near the Android device you use to connect your accessory to. Tip: We'll also send you a notification once the location has been detected on the Find Hub network. Identify a lost accessory or tracker tag & return it to its owner You can help return someone's accessory that they've marked as lost in the Find Hub app. Unlock the screen of your Android device. For Android 12 or earlier, make sure Location is turned on. Learn how to turn on location. Hold the item to the back of your phone or tablet. If the device owner left contact information or a message, you can find it on your screen. Get more help If you can't find your lost or stolen device, learn more about how to secure your Google Account. Post to the help community Get answers from community members SearchClear searchClose searchGoogle appsMain menu

Factor rating. Location factor rating method. Location rating factor. Factor rating is limited to quantitative information concerning location decisions.