

# Prevent Android apps from accessing the Internet

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You often feel uncomfortable when every turn on 3G on Android Smartphone is the application races the Update message while the budget for mobile data network is limited? This article will show you how to block application access to the Internet to save bandwidth and mobile data capacity.

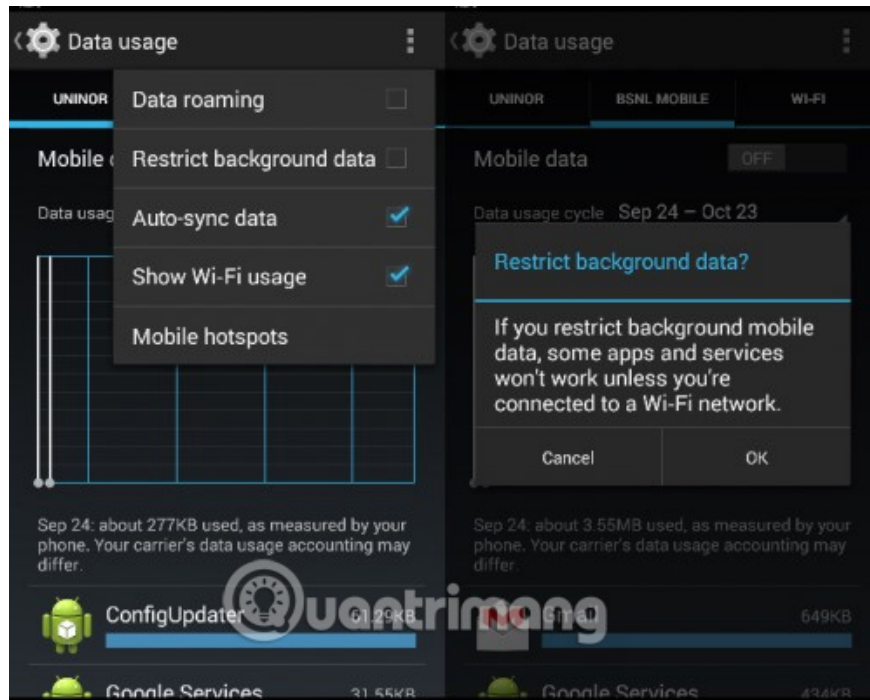
## How to prevent Android apps from accessing the Internet

1. Use available features of Android
2. Use third party applications
  1. Use Mobiwol: NoRoot Firewall
  2. Use NetGuard
  3. Use NoRoot Firewall
  4. Use DroidWall

### 1. Use available features of Android

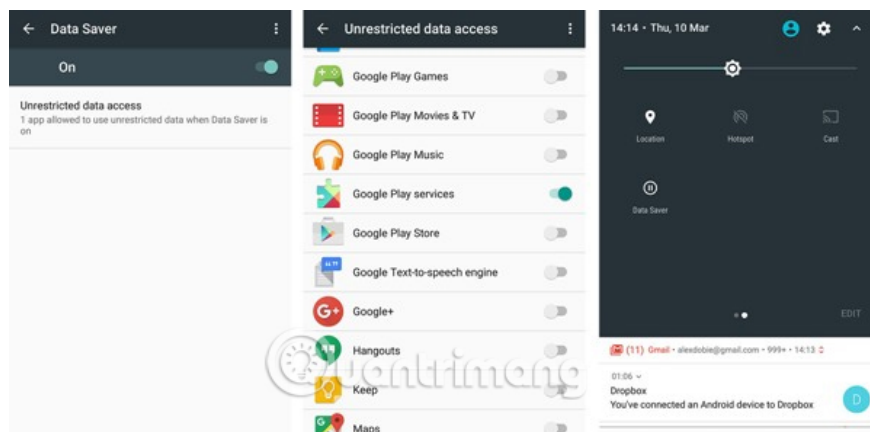
With this method, you will have to block specific applications to access the Internet manually. Follow the steps below.

**Step 1:** Go to **Settings -> Data Usage** and click on three dots, then select **Restrict Background Data option** .



**Step 2:** Now you need to block applications that use network data.

**Step 3:** In the latest version of Android, there is an option called **Data Saver** that is used to remove data access restrictions.



## 2. Use third party applications

With Android's built-in feature, users won't have much choice, so if you want more control, you can use third-party apps.

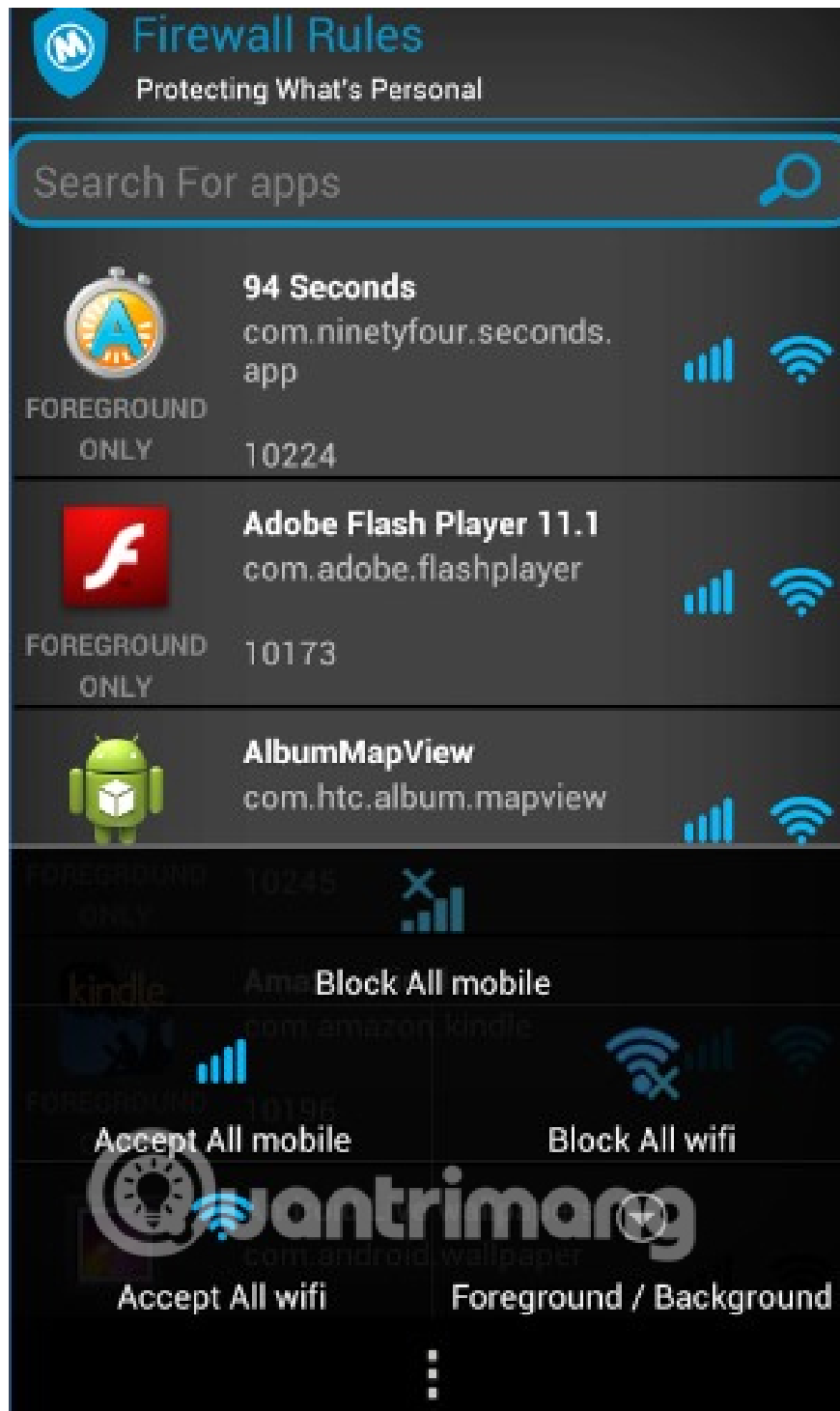
### Use Mobiwol: NoRoot Firewall

**Step 1 :** First download and install this application on your Android mobile phone.

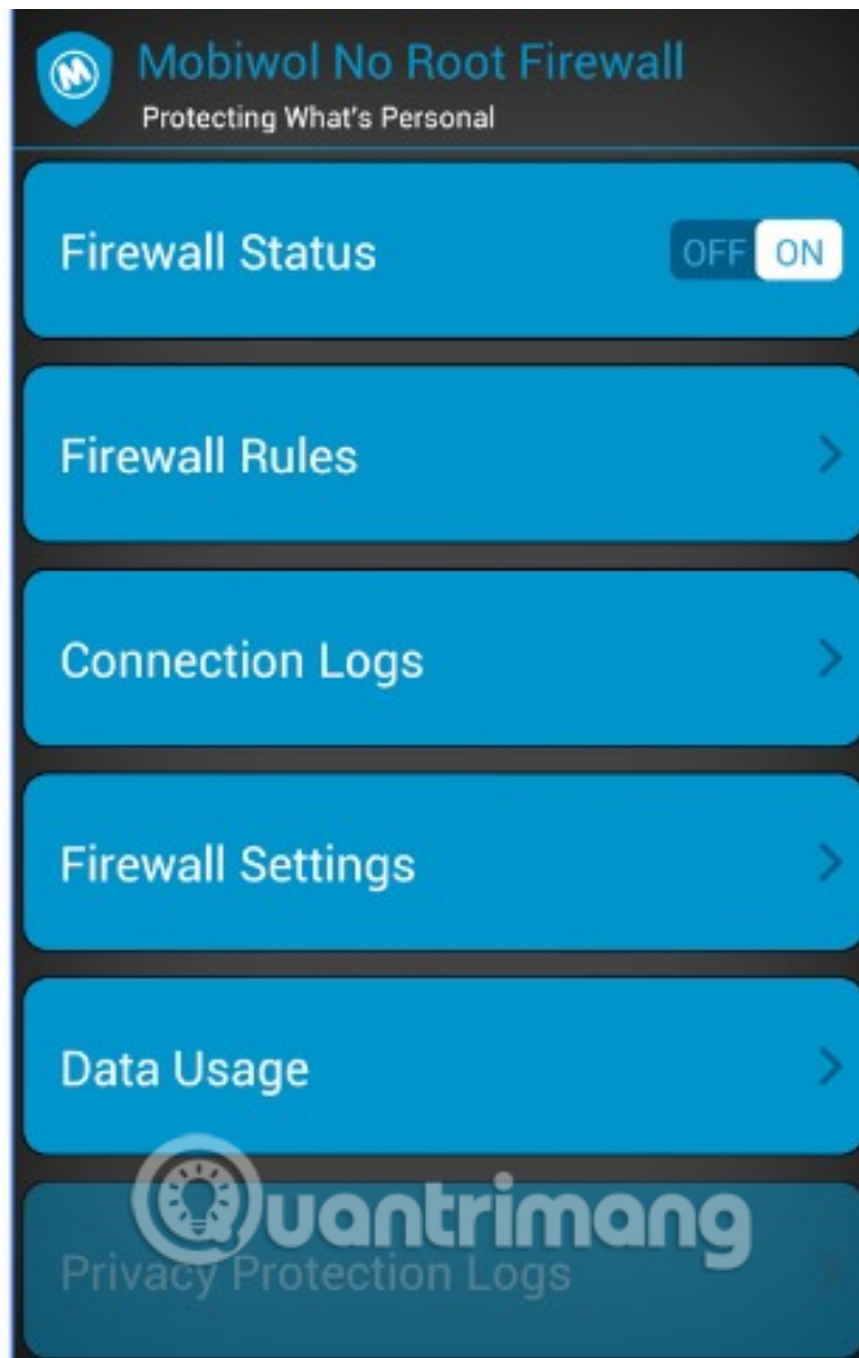
1. Download Mobiwol: NoRoot Firewall for Android

**Step 2 :** After installation is complete, run the application and you will see the **Firewall Rules** option, touch it.

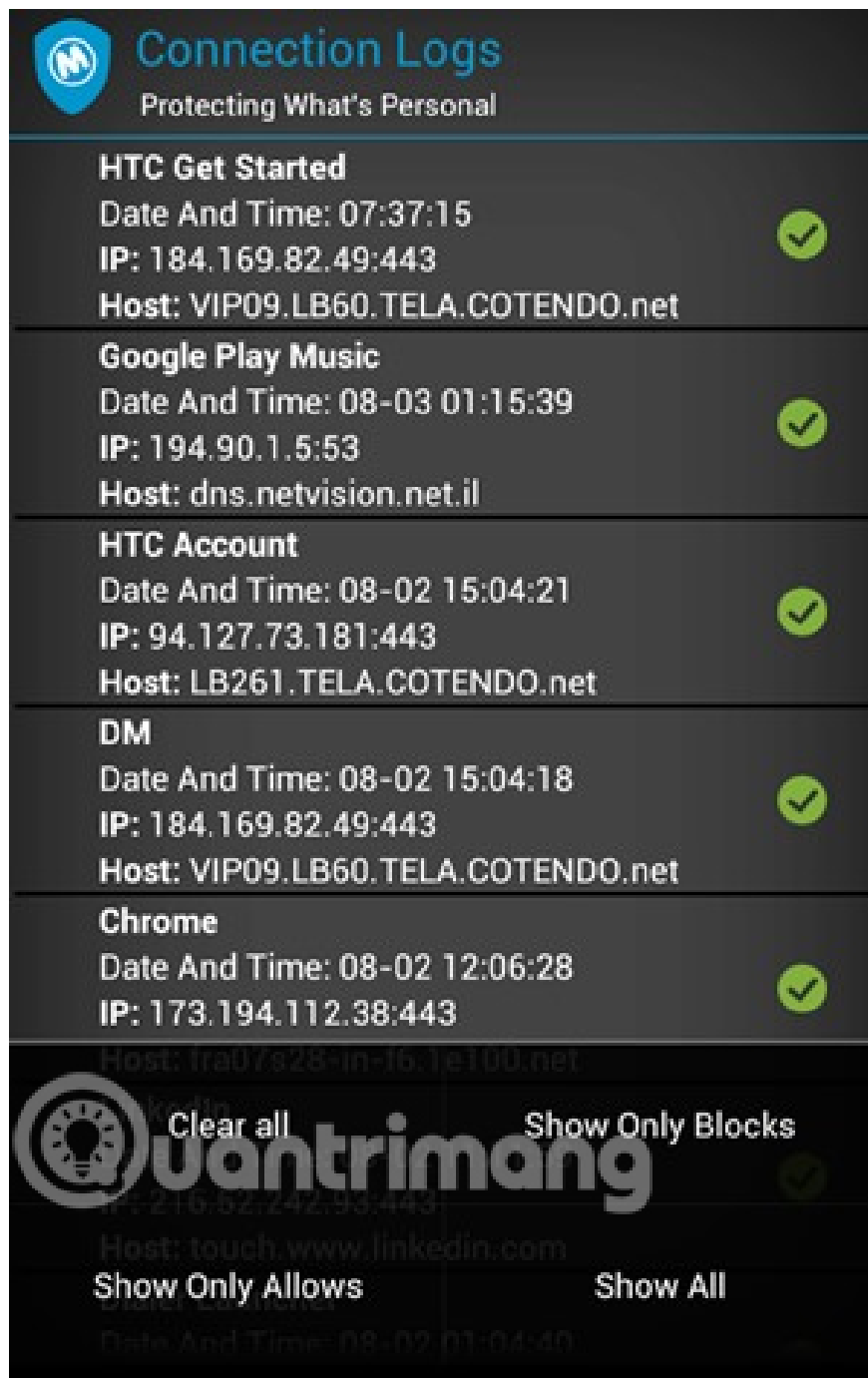
**Step 3:** Now you will see a list of all applications installed on the device and before each application will have two signs, one is Wifi and two are mobile networks. You just need to touch them to turn off access.



**Step 4:** Now go back and then turn on the Firewall, a window will appear and just click **OK** .



That's it, now these applications cannot access the Internet. You can check the application connection log by opening the application and see **Connection Logs** created in the corresponding application.

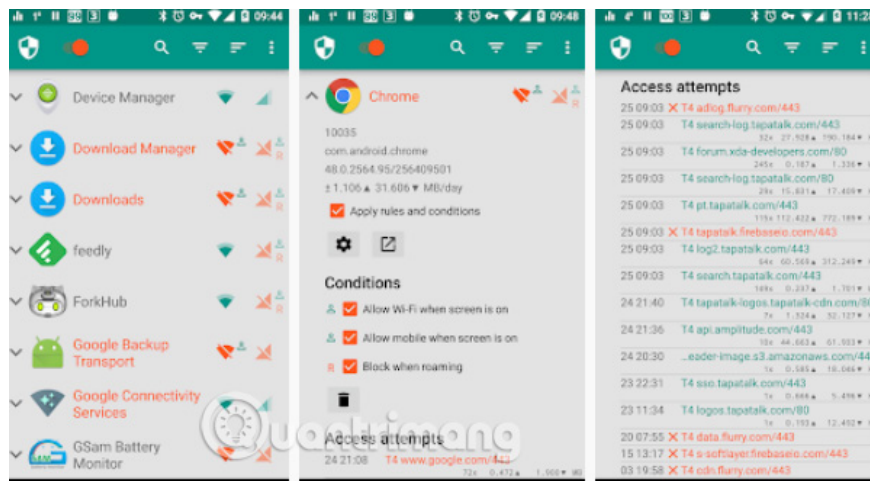


## Use NetGuard

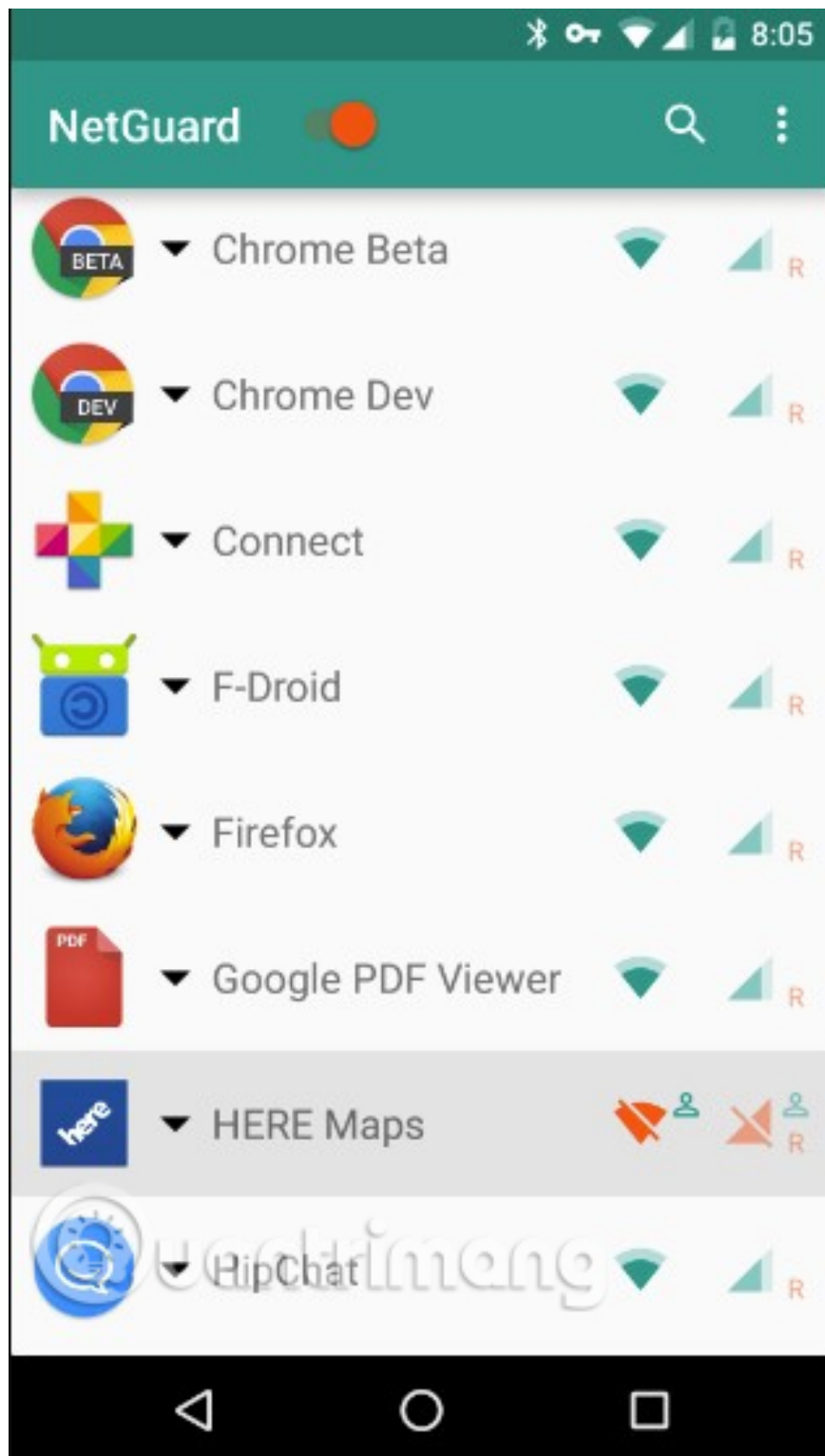
This is the best and most popular Android application that can block Internet access. NetGuard provides simple and advanced ways to block network access without rooting the device. You can block or allow individual applications and addresses to access your Wifi or mobile connection.

**Step 1** . First of all, download and install NetGuard on your Android smartphone.

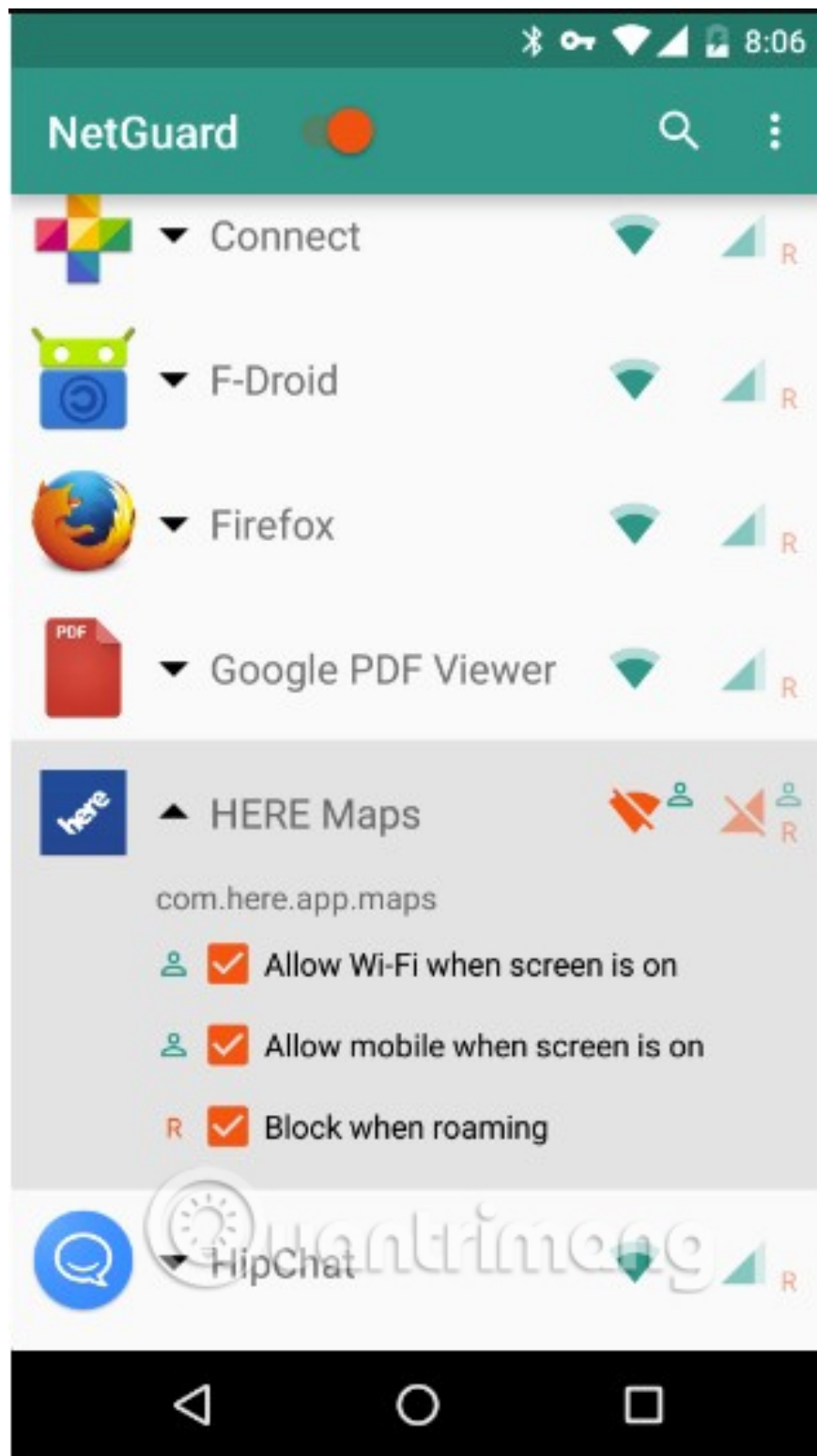
1. Download NetGuard for Android



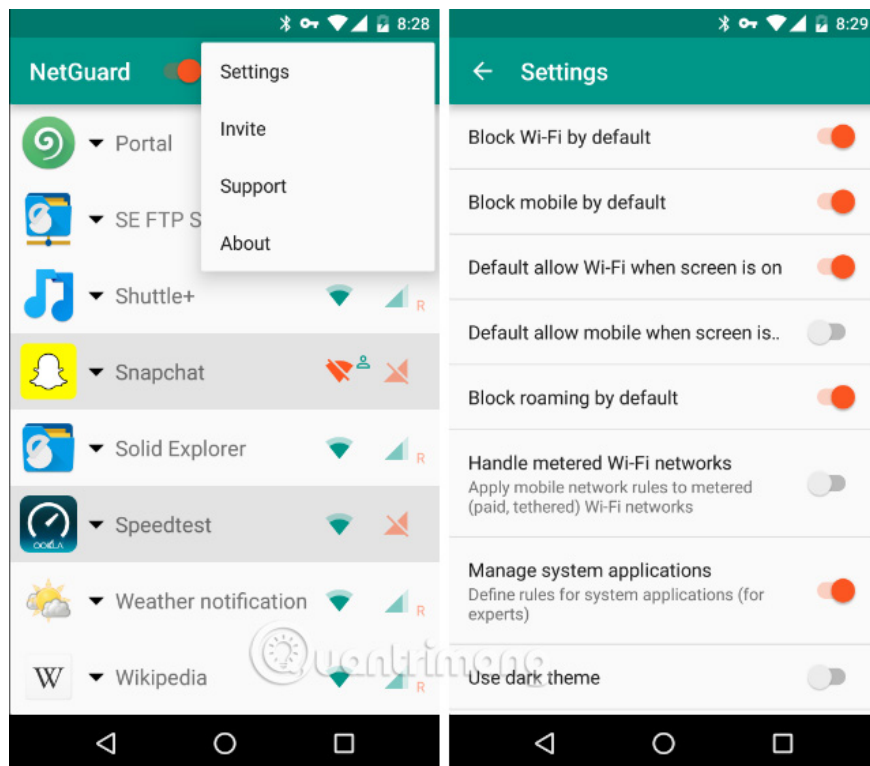
**Step 2** . After installation, open the application and you will see its main interface. NetGuard will list all installed applications on Android phones.



**Step 3.** Now select the application you do not want to access the Internet by unchecking **Allow WiFi** or **Allow Mobile** .

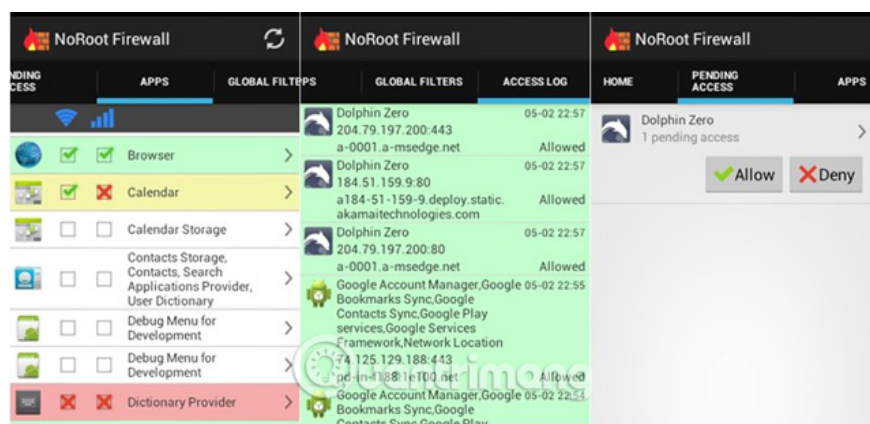


**Step 4.** If you want to block all applications once, open **Settings** and activate the option **Block WiFi by default** and **Block Mobile By Default** .



## Use NoRoot Firewall

To use NoRoot Firewall you do not need to root the device. This application protects your personal information from being sent over the Internet. NoRoot firewall notifies users when an application intends to access the Internet. To do this, simply click **Allow** or **Deny** button. NoRoot Firewall allows users to create some filtering rules based on IP address, hostname or domain name. You can allow or block specific connections of an application.



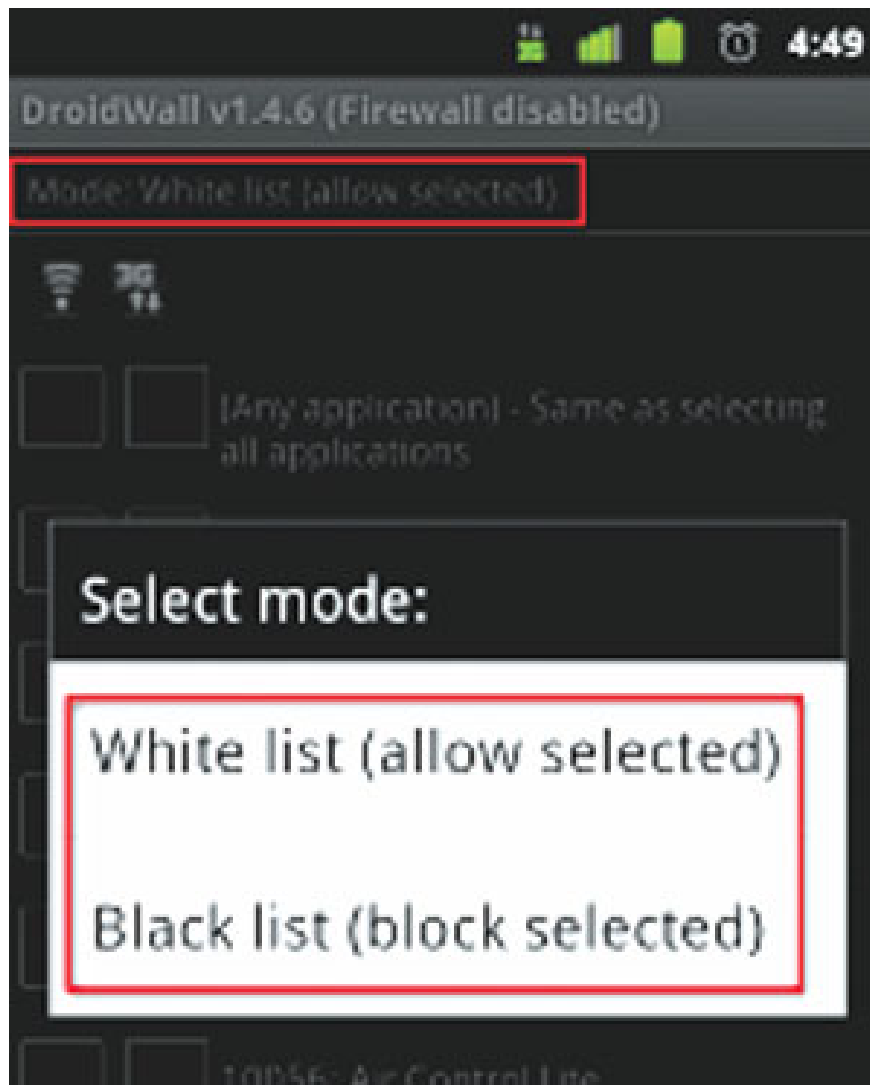
## Use DroidWall

The requirement to use the software is that your Android phone is rooted. DroidWall will manage which applications are allowed / not allowed to connect to the Internet via Wi-Fi or 3G - of course, of course.

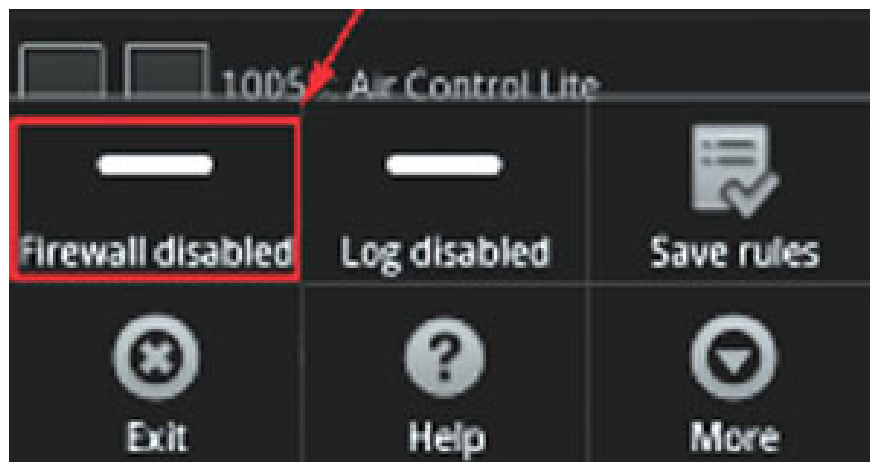
1. Instructions to root Android easily and quickly

DroidWall works in two modes: Whitelist and Blacklist. Blacklist mode includes applications that are blocked from accessing Internet, while Whitelist mode includes applications that are allowed to access the internet.

You can change these two modes by clicking on the red frame as shown:

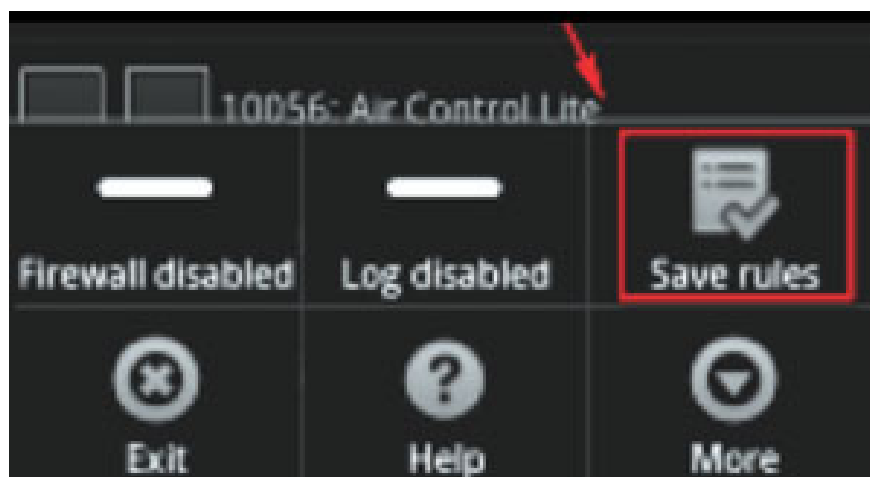


By default DroidWall will initially be in Whitelist mode, users who want to switch to Blacklist mode must change themselves. Also note that the default *'firewall'* is disabled initially, so you must activate it manually.



After selecting the mode you want and enabling the firewall - the next is simply to check the boxes next to the application name to allow / disallow network access (depending on which mode you have to choose). As in the pictures above, you can choose to block access from Wi-Fi or phone data networks, or both. Note that although the icon is 3G, it will still work with 2G and 4G networks. And when you have marked the applications you want, click Save rules.

Whenever you want to edit the internet access of applications, just start DroidWall, change whatever you want to change, and click Save rules.



Another feature in DroidWall is setting password protection so that others cannot change the settings you have selected. To activate this feature, press the Menu button on your phone, click More and select Set password. Enter the password you want and later when starting DroidWall, you will have to enter the password to use the application. To delete the password, go to Set password and press OK.

These are ways to block Internet access applications on Android, with these methods, you can save Internet bandwidth to get maximum speed and mobile data capacity.

1. 10 things to help maintain Internet bandwidth

See more:

1. 10 ways to save mobile data on Android
2. Instructions to turn on 3G saving mode on mobile browsers

### 3. What to do when mobile data does not work on the Android device?

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