ORBOT

Tor on Android: providing free software and an open network that helps defend against network traffic analysis - a form of surveillance that threatens personal freedom and privacy

- With root access, proxy all application traffic through Tor
- Firefox on Android integration through ProxyMob Add-on
- Works on 2.5G, 3G and Wifi nets
- Supports running servers on hidden services for advanced applications
- Enables devices to be a Tor hotspot

So you want to bypass censorship on Android?

1. Open the Google Play Store. Easy. Next?
It's blocked. Help!

So you want to bypass censorship on Android?

2. Search for *Orbot*. Got it.

So you want to bypass censorship on Android?

3. Review the permissions. Then, maybe, accept them. OK, I trust you.

So you want to bypass censorship on Android?

4. Get our sister app, Orweb for anonymous web browsing. Hey look, it's suggested!

So you want to bypass censorship on Android?

5. Open *Orbot*. Done.

So you want to bypass censorship on Android?

6. Choose your language and get started. Let's go with English.

So you want to bypass censorship on Android?

We'll tell you about our project and onion routing.

So you want to bypass censorship on Android?

Is it really secure? We break it down.

So you want to bypass censorship on Android?

If your phone is jailbroken/rooted then you choose to route all traffic over *Tor*.

So you want to bypass censorship on Android?

Otherwise you can use these apps over Tor using the proxy feature.

So you want to bypass censorship on Android?

Security is a two way street. Make sure your friends are secure too.

So you want to bypass censorship on Android?

8. Now we long press the button to getting started. Pressing!

So you want to bypass censorship on Android?

Orbot starts grey

So you want to bypass censorship on Android?

Orbot turns yellow as it's starting

So you want to bypass censorship on Android?

Orbot turns green when it's connected to Tor.

So you want to bypass censorship on Android?

9. Let's confirm we can now bypass the censors. Ok, how?

So you want to bypass censorship on Android?

10. Press the globe icon to pull up our web browser Orweb. Opening the app!

So you want to bypass censorship on Android?

11. It pulls up *check.torproject.org* to confirm we're surfing anonymously.
I see *congrats.* / I don't see *congrats.*

So you want to bypass censorship on Android?

Your configuration is wrong. Restart Orbot and try again.

So you want to bypass censorship on Android?

You're awesome! Play it again? · For more info, visit our site:
The Guardian Project

So you want to bypass censorship on Android?

5. Open *Orbot*. Done.

So you want to bypass censorship on Android?

There's an alternative store. Install F-droid by entering *https://f-droid.org/FDroid.apk* into the browser. Done. Next?

So you want to bypass censorship on Android?

Run the app and navigate over to Menu > Manage Repos > New Repository

Cool. What do I enter?

So you want to bypass censorship on Android?

Enter: https://guardianproject.info/repo/ (don't forget the s!)

Done. Where are the apps?

So you want to bypass censorship on Android?

Go back to the main screen and you should see the Guardian Project apps.
Click on *Orbot* to install. Got it.

So you want to bypass censorship on Android?

Then click on *Orweb* to install it's partner web browser.

Got it.

GIBBERBOT

A secure, no-logging instant messaging app for Android, supporting open standard chat and encryption protocols

- Uses industry standard chat encryption scheme (OTR), compatible with Pidgin, Adium, Jitsi and other desktop IM apps
- XMPP protocols enables use with GTalk, Facebook, as well as any self-hosted, secured server
- Can work with Orbot (over Tor) to circumvent firewalls and monitors

So you want to chat securely on Android?

1. Open the Google Play Store. Easy. Next?
It's blocked. Help!

So you want to chat securely on Android?

2. Search for *Gibberbot*. Got it.

So you want to chat securely on Android?

3. Review the permissions. Then, maybe, accept them. OK, I trust you.

So you want to chat securely on Android?

4. Open *Gibberbot*. Done.

So you want to chat securely on Android?

5. Choose your language and get started. Let's go with English.

So you want to chat securely on Android?

Now we're getting started.

So you want to chat securely on Android?

It will tell you about our project.

So you want to chat securely on Android?

Is it really secure? We break it down.

So you want to chat securely on Android?

Security is a two way street. Make sure your friends are secure too.

So you want to chat securely on Android?

6. Enter your account info: Gchat, Facebook, DukGo, & XMPP all work.
All set!

So you want to chat securely on Android?

7. We're in! There's my buddy list. Let's message my friend Mark.

So you want to chat securely on Android?

Uh oh! It's red, so not encrypted yet. Let's wait to see if Mark turns on encryption.

So you want to chat securely on Android?

8. The bar turned yellow ! Mark got our chat & turned on encryption.
Let's verify it's really Mark.

So you want to chat securely on Android?

9. Let's send him an unencrypted message. Send "Oh hai!"

So you want to chat securely on Android?

10. Is that really Mark? Pull up the verify option. Let's click it to make sure.

So you want to chat securely on Android?

I can see Mark's fingerprint. Now let me send him a message that only you would know the answer to.

So you want to chat securely on Android?

I'm thinking of a question...

So you want to chat securely on Android?

Got it! I checked on a trusted channel: Spotify. Send the secret.

So you want to chat securely on Android?

Mark got the right answer! Well then, let's confirm it's really him.

So you want to chat securely on Android?

10. The bar turned green! We're secure.
Let's send him an encrypted message.

So you want to chat securely on Android?

You're awesome! Play it again?
For more info, visit The Guardian Project

So you want to chat securely on Android?

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It's blocked. Help!

So you want to chat securely on Android?

There's an alternative store. Install F-droid by entering *https://f-droid.org/FDroid.apk* into the browser. Done. Next?

So you want to chat securely on Android?

Run the app and navigate over to Menu > Manage Repos > New Repository

Cool. What do I enter?

So you want to chat securely on Android?

Enter: https://guardianproject.info/repo/ (don't forget the s!)

Done. Where are the apps?

So you want to chat securely on Android?

Go back to the main screen and you should see the Guardian Project apps.
Click on *Gibberbot* to install. Got it.