

FreedomBox Status Update

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Services Available


- Tor
 - Daemon
 - Tor Hidden Service configuration
 - Privoxy
- ownCloud
- Services available: XMPP
 - Ejabberd
 - JWChat web interface
 - Available from Hidden Service
 - Available fro Pagekite
- PageKite
 - To expose services from behind NAT
- Firewall


Partially Working


- PageKite frontend
- VPN
- IndieWeb
- MailPile
- Mozilla Persona
- Unhosted Remote Storage
- GNUnet
- XDI
- Semantic Web
- HTTPS Everywhere


FreedomBox Available For

- DreamPlug
- RaspberryPi
- BeagleBone
- CubieTruck
- VirtualBox
- Any Debian machine


 FreedomBox


 Apps


 System


 Documentation


Logged in as [admin](#). [Log out](#).

 Where to Get Help

 Developer's Manual


 FAQ

 FreedomBox Wiki

 About

Our Goal

There are a number of projects working to realize a future of distributed services; we aim to bring them all together in a convenient package.





FreedomBox


We live in a world where our use of the network is mediated by those who often do not have our best interests at heart. By building software that does not rely on a central service, we can regain control and privacy. By keeping our data in our homes, we gain useful legal protections over it. By giving back power to the users over their networks and machines, we are returning the Internet to its intended peer-to-peer architecture.


In order to bring about the new network order, it is paramount that it is easy to convert to it. The hardware it runs on must be cheap. The software it runs on must be easy to install and administrate by anybody. It must be easy to transition from existing services.

[Learn more »](#)


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 Apps


 System


 Documentation

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 Tor

 ownCloud

 XMPP

 Public Visibility
(PageKite)

Tor

Tor is an anonymous communication system. You can learn more about it from the [Tor Project](#) website. For best protection when web surfing, the Tor Project recommends that you use the [Tor Browser](#).

Tor Status

● Tor is running

Hidden Service

A hidden service will allow your FreedomBox to provide selected services (such as OwnCloud or Chat) without revealing its location. Here is the current configuration:

- Hostname: `g7xugqbbgkiqu2ka.onion`
- Ports: `80,443`


☒ Enable Hidden Service [Update setup](#)


Bridge


Your FreedomBox is configured as a Tor bridge with obfsproxy, so it can help circumvent censorship. If your FreedomBox is behind a router or firewall, you should make sure the following ports are open, and port-forwarded, if necessary:


obfs3	48660
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Screenshots - ownCloud

 FreedomBox

 Apps

 System


 Documentation

Logged in as [admin](#). [Log out](#).

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(PageKite)

ownCloud

When enabled, the ownCloud installation will be available from [/owncloud](#) path on the web server. Visit this URL to set up the initial administration account for ownCloud.


☒ Enable ownCloud


[Update setup](#)


ownCloud


ownCloud gives you universal access to your files through a web interface or WebDAV. It also provides a platform to easily view & sync your contacts, calendars and bookmarks across all your devices and

Screenshots - Automatic Firewall

 FreedomBox


 Apps

 System

 Documentation

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 [Configure](#)

 [Users and Groups](#)

 [Package Manager](#)

 [Diagnostics](#)

 [Firewall](#)

Firewall

Firewall is a network security system that controls the incoming and outgoing network traffic on your FreedomBox. Keeping a firewall enabled and properly configured reduces risk of security threat from the Internet.

The following is the current status:

Service/Port	Status
ownCloud	Enabled
http	Permitted
https	Permitted
Web Server	Enabled
http	Permitted
Secure Shell (SSH) Server	Enabled
ssh	Permitted

- Freedombox-setup
 - Shell scripts.
 - Installs packages essential for FreedomBox.
 - Auto-configures packages after installation.
 - Can turn Debian installation into a FreedomBox.
- Freedom-maker
 - To build FreedomBox images for various hardware devices and VMs.
 - Layer on top of vmdebootstrap.
 - Easy to add support for any hardware that has Debian support.
- Plinth
 - **Simple** web interface for controlling FreedomBox.
 - Modular, each service is a FreedomBox App.
 - Screenshots

- All the work done for FreedomBox is in (and goes to) Debian.
- > 5 developers actively contributing.
- (Still) Lots of interest in the idea/project.
- Plinth code is now clean and work is happening on better framework to easily and quickly integrate more applications.

- Work for releasing 0.3 is completed, coming very soon.
- Targetting 1.0
 - As a developer release
 - By consolidating and polishing
 - And possibly making available with usable hardware
 - CubieTruck + cool casing

Plans Ahead



Thank you!

Join us: <https://wiki.debian.org/FreedomBox>