

FreeBSD Administration - Support #742

Install a TOR Relay on FreeBSD

02/06/2016 01:38 PM - Daniel Curtis

Status:	Closed	Start date:	02/07/2016
Priority:	Normal	Due date:	
Assignee:	Daniel Curtis	% Done:	100%
Category:	The Onion Router (TOR)	Estimated time:	1.00 hour
Target version:	FreeBSD 10	Spent time:	2.00 hours

Description

This is a simple guide for getting TOR setup as a relay on FreeBSD 10.2.

Prepare the Environment

- Make sure the system is up to date:

```
pkg update && pkg upgrade
```

Install TOR

- Install TOR:

```
pkg install tor
```

- Tor users are strongly advised to prevent traffic analysis that exploits sequential IP IDs by setting:

```
sysctl net.inet.ip.random_id=1
```

- Reboot for it to take effect:

```
reboot
```

- Edit the TOR config file:

```
vi /usr/local/etc/tor/torrc
```

- And add/modify the following lines:

```
ORPort 9001
Nickname ExampleNode
RelayBandwidthRate 1024 KB
RelayBandwidthBurst 1024 KB
ContactInfo Bob User <bob@example.com>
ExitPolicy reject *:*
```

- Start and enable TOR at boot:

```
echo 'tor_enable="YES"' >> /etc/rc.conf
service tor start
```

Resources

- <http://www.bsdnw.tv/tutorials/tor>
- <https://www.torproject.org/docs/tor-doc-relay.html.en>
- <https://blog.torproject.org/running-exit-node>

History

#1 - 02/06/2016 01:59 PM - Daniel Curtis

- *Description updated*

#2 - 02/06/2016 02:01 PM - Daniel Curtis

- *Status changed from New to In Progress*

- *Start date changed from 02/06/2016 to 02/07/2016*

- *% Done changed from 0 to 50*

#3 - 02/08/2016 01:05 PM - Daniel Curtis

- *Status changed from In Progress to Resolved*

- *% Done changed from 50 to 100*

#4 - 02/20/2016 07:36 PM - Daniel Curtis

- *Status changed from Resolved to Closed*