

FreeNAS - Feature #10917

Bitcoin plugin

08/09/2015 11:26 AM - Justin Jovic

Status: Done	Estimated time: 0.00 hour
Priority: Nice to have	
Assignee: Martin Wilke	
Category: Plugins	
Target version: Master - FreeNAS Nightlies	
Severity: New	Needs Merging: No
Reason for Closing:	Needs Automation: No
Reason for Blocked:	Support Suite Ticket: n/a
Needs QA: No	Hardware Configuration:
Needs Doc: No	

Description

Can you please add Bitcoin core as a plugin? It would allow a FreeNAS user to contribute to the bitcoin community as a FULL BITCOIN NODE and take pretty minimal resources. Since it runs in a jail, it will probably be the most secure instance of Bitcoin core on the internet ;-)

Keep in mind I am not talking about a Miner, but rather the transaction processing Node.
The package is already in the port tree as "bitcoin".

History

#1 - 08/09/2015 06:10 PM - Rick Bollar

Justin Jovic wrote:

Can you please add Bitcoin core as a plugin?

I would find this helpful.

#2 - 08/09/2015 09:39 PM - Joshua Ruehlig

- Status changed from *Unscreened* to *Screened*

Read this but I don't plan on working on this myself. I'll gladly accept commits to my github, or can upload PBIs to the repo if someone else wants to take this on.

#3 - 10/09/2015 10:14 AM - Joshua Ruehlig

- Priority changed from *No priority* to *Nice to have*

#4 - 05/09/2016 10:28 PM - Jordan Hubbard

- Status changed from *Screened* to *Closed: Not To Be Fixed*

Insufficient interest in this plugin - timing out and closing.

#5 - 01/10/2019 07:26 AM - Dru Lavigne

- Status changed from *Closed: Not To Be Fixed* to *Closed*

#6 - 01/10/2019 07:27 AM - Dru Lavigne

- Subject changed from *Bitcoin core plugin* to *Bitcoin plugin*
- Category changed from *Middleware* to *Plugins*
- Status changed from *Closed* to *Unscreened*
- Assignee changed from *Joshua Ruehlig* to *Martin Wilke*
- Target version set to *11.3*

#7 - 02/08/2019 01:33 AM - Martin Wilke

- Status changed from *Unscreened* to *Ready for Testing*

#8 - 02/08/2019 01:33 AM - Martin Wilke

Inited commit:

<https://github.com/freenas/iocage-ix-plugins/blob/master/bitcoin-node.json>

For now

- Wallet support is disabled by default to much variables to track, as well user need to add a wallet address which i cant automate
- I plan to port a status interface to FreeBSD, Demo: <http://bitcoinnodestats.romgens.com/> but its not a blocker yet
- its a plain node and does nothing else then sync transaction, custom settings can be set in `/usr/local/etc/bitcoin.conf`
- A Web Configurator can be found here <https://jlopp.github.io/bitcoin-core-config-generator/> this info is printed out in the terminal version

to test the plugin

```
git clone https://github.com/freenas/iocage-ix-plugins
```

```
cd iocage-ix-plugins
```

```
iocage fetch -P -n ./bitcoin-node.json dhcp=on bpf=yes vnet=on --accept
```

Happy Testing!

#9 - 02/12/2019 04:12 AM - Dru Lavigne

- Status changed from *Ready for Testing* to *Done*
- Target version changed from *11.3* to *Master - FreeNAS Nightlies*
- Needs QA changed from *Yes* to *No*
- Needs Doc changed from *Yes* to *No*
- Needs Merging changed from *Yes* to *No*