

FreeBSD Administration - Support #890

Install Zookeeper on FreeBSD

04/14/2017 04:48 PM - Daniel Curtis

Status:	Closed	Start date:	04/14/2017
Priority:	Normal	Due date:	
Assignee:	Daniel Curtis	% Done:	100%
Category:	Distributed Computing	Estimated time:	1.00 hour
Target version:	FreeBSD 10	Spent time:	1.00 hour

Description

This is a guide for setting up Zookeeper on FreeBSD 10.

Prepare the Environment

- Make sure the system is up to date:

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

Install Zookeeper

- Install zookeeper:

```
pkg install zookeeper
```

- Set the machine id:

```
echo 1 > /var/db/zookeeper/myid  
chown -R zookeeper:zookeeper /var/db/zookeeper
```

- Create a config from the sample config:

```
cp /usr/local/etc/zookeeper/zoo_sample.cfg /usr/local/etc/zookeeper/zoo.cfg
```

- Edit the zookeeper config:

```
vi /usr/local/etc/zookeeper/zoo.cfg
```

- And modify the config accordingly:

```
# The number of milliseconds of each tick  
#tickTime=2000  
# The number of ticks that the initial  
# synchronization phase can take  
#initLimit=10  
# The number of ticks that can pass between  
# sending a request and getting an acknowledgement  
#syncLimit=5  
# the directory where the snapshot is stored.  
# do not use /tmp for storage, /tmp here is just  
# example sakes.  
dataDir=/var/db/zookeeper
```

```
# the port at which the clients will connect
clientPort=2181
#clientPortAddress=192.168.1.100

# specify all zookeeper servers
#server.1=192.168.1.101:2888:3888
#server.2=192.168.1.102:2888:3888
#server.3=192.168.1.103:2888:3888
```

- Start and enable zookeeper at boot:

```
echo 'zookeeper_enable="YES"' >> /etc/rc.conf
service zookeeper start
```

Resources

- <https://github.com/btccom/btcpool/blob/master/docs/INSTALL-ZooKeeper.md>

History

#1 - 04/14/2017 06:20 PM - Daniel Curtis

- Status changed from *New* to *Resolved*
- % Done changed from *0* to *100*

#2 - 04/14/2017 09:52 PM - Daniel Curtis

- Category changed from *Cryptocurrency* to *Distributed Computing*

#3 - 04/14/2017 10:42 PM - Daniel Curtis

- Description updated

#4 - 06/04/2017 08:59 PM - Daniel Curtis

- Status changed from *Resolved* to *Closed*