

FreeBSD Administration - Support #906

Install Docker on FreeBSD

07/09/2017 07:26 PM - Daniel Curtis

Status:	Closed	Start date:	07/09/2017
Priority:	Normal	Due date:	
Assignee:	Daniel Curtis	% Done:	100%
Category:	Jails / Containers	Estimated time:	1.00 hour
Target version:	FreeBSD 11	Spent time:	1.50 hour

Description

This is a guide for installing (the old and outdated) Docker on FreeBSD 11.

Prepare the Environment

- Make sure the system is up to date:

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

Install Docker

- Install Docker:

```
pkg install docker-freebsd ca_root_nss
```

- Create the Docker ZFS dataset:

```
zfs create -o mountpoint=/usr/docker zroot/docker
```

- Start and enable docker at boot:

```
echo 'docker_enable="YES"' >> /etc/rc.conf  
service docker start
```

Containers

FreeBSD

- Pull a freebsd docker image:

```
docker pull lexaguskov/freebsd
```

- Start a shell inside the freebsd docker image:

```
docker run -t -i lexaguskov/freebsd /bin/csh
```

Ubuntu

- Pull an ubuntu docker image:

```
docker pull ubuntu
```

- Start a shell inside the freebsd docker image:

```
docker run -t -i ubuntu /bin/bash
```

Resources

- <https://wiki.freebsd.org/Docker>
- <https://fosskb.in/2015/07/28/docker-on-freebsd-11/>

History

#1 - 07/09/2017 09:28 PM - Daniel Curtis

- Status changed from *New* to *Resolved*

- % Done changed from 0 to 100

#2 - 08/09/2017 06:53 PM - Daniel Curtis

- Description updated

#3 - 08/10/2017 08:28 PM - Daniel Curtis

- Description updated

#4 - 10/05/2017 07:06 PM - Daniel Curtis

- Status changed from *Resolved* to *Closed*