

EJBCA installation guide for Linux

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Requirements

- VM running Linux (I am using Kali Linux 2019.4)
- OpenJDK 8
- Ant tool
- Ejbca 6-15-2-1
- jboss-eap-6.4

Installation

Step1: install OpenJDK 8

```
apt-get install openjdk-8-jdk
```

Note: make sure the default jdk is 8, to make that use command

```
java -version.
```

If the default jdk not 8 you can use the command `update-alternatives -config java` and choose the number of jdk

Step2: install ant tool (use to deploy and install ejbca into jboss server)

```
apt-get install ant ant-optional
```

Step3: download ejbca

https://sourceforge.net/projects/ejbca/files/ejbca6/ejbca_6_15_2_1/

Step4: download jboss server

<https://developers.redhat.com/download-manager/file/jboss-eap-6.4.0.GA.zip>

(You need to login to red hat account)

Step5: copy ejbca_ce_6_15_2_1.zip and jboss-eap-6.4.zip file to /opt directory

Step6: extract the ZIPs files

```
unzip ejbca_ce_6_15_2_1.zip
```

unzip jboss-eap-6.4.zip

Step7: change the `ejbca.properties.sample` in `/opt/ejbca_ce_6_15_2_1/conf` to `ejbca.properties`

Step8: Configure EJBCA, make sure to write the correct directory where jboss has been unzipped

```
echo "appserver.home=/opt/ jboss-eap-6.4-CVE-2015-7501">>  
/opt/ejbca_ce_6_15_2_1/conf/ejbca.properties
```

Step9: open new terminal and in jboss directory

`cd /opt/jboss-eap-6.4/bin/` and run `./ standalone.sh` to start the server

Step10: now back to the first terminal and enter ejbca directory

`cd /opt/ ejbca_ce_6_15_2_1` and run `ant deploy` command (just press enter if a question shows up)

Step11: Run installation in first terminal to create initial management CA and TLS keystores

`ant install` (press enter to choose default values)

step12: now go to second terminal and restart jboss by press `ctrl+c` and type `./standalone.sh`

step13: go to ejbca directory using file manager

`/opt/ejbca_ce_6_5.0.5/p12` and copy **superadmin.p12** to admin desktop and import to web browser password is ejbca by default

step14: URL to view interface in browser is `https://localhost:8443/ejbca`