

Installing JBoss Application Server 7.1.1 on OS4 Enterprise Linux

By, The OS4 Documentation team

Prepared by Roberto J. Dohnert

Copyright © 2013, PC/OpenSystems LLC



In order to install JBoss under OS4 Enterprise Linux you have a fairly easy job to do. Below we give you the steps to download and install JBoss Application Server on OS4 Enterprise Linux. For this example we will be using JBoss AS 7.1.1

Step 1

Install OpenJDK 7, OS4 Enterprise Linux ships with OpenJDK 6 but do not worry you can run the OpenJDK 6 and 7 side by side without any conflicts

```
sudo apt-get install openjdk-7-jre-headless
```

Step 2

Install JBoss AS 7.1.1

Here we will be using wget to download JBoss AS 7.1.1

```
cd /tmp  
wget http://download.jboss.org/jbossas/7.1/jboss-as-7.1.1.Final/jboss-as-7.1.1.Final.tar.gz  
cd /opt  
sudo tar zxf /tmp/jboss-as-7.1.1.Final.tar.gz  
cd jboss-as-7.1.1.Final/bin  
sudo ./add-user.sh
```

Select option “a” (Management User), realm “ManagementRealm”, then a user and password of your own choice. Next, create a user for JBoss and give it the installation.

```
cd /opt  
sudo adduser --system --no-create-home --group --disabled-password --disabled-login jboss  
sudo chown -R jboss:jboss jboss-as-7.1.1.Final
```

Step 3

Configure JBoss as a Daemon/Service

To get JBoss to start automatically at boot, you have to create a Kickstart script for it:

```
sudo nano /etc/init/jboss-as-7.conf
```

Use the following script:

```
#####  
# Start JBoss AS 7.1.1 as a daemon  
#####  
  
description "JBoss AS 7.1.1.Final"  
author "Roberto J Dohnert, <rjdohnert@pc-opensystems.com>"  
  
start on runlevel [2345]  
stop on runlevel [!2345]  
  
respawn  
  
setuid jboss  
setgid jboss  
chdir /opt/jboss-as-7.1.1.Final  
  
exec /opt/jboss-as-7.1.1.Final/bin/standalone.sh -b=0.0.0.0 -bmanagement=0.0.0.0
```

Step 4

Start JBoss

```
sudo start jboss-as-7
```