

OpenAM Setup v0.2

Prerequisites

Ensure that [OpenDJ](#) is setup and running.

DNS

OpenAM requires that you use fully qualified domain names, such as `openam.example.com` so we'll use, `openam.krypton.com` and `www.openam.krypton.com`

First, OpenAM does requires these entries on the server. Edit your `/etc/hosts` file accordingly.

If you are not using real DNS, then ensure that these entries are on your client machine's hosts file.

Setup Tomcat

Setup [Zero Footprint Tomcat](#) run as `serveradmin`. Do not have Tomcat started yet.

OpenAM Download and Prep

Download

Download the files

```
wget
http://download.forgerock.org/downloads/openam/snapshot9.5/openam_954.war
wget
http://download.forgerock.org/downloads/openam/snapshot9.5/ssoAdminTools_9
54.zip
```

Data Directory

Each OpenAM instance has a configuration directory, agents directory and administration tools. As a `sudo` enabled user,

```
cd /opt
sudo mkdir openam.0
cd openam.0
sudo mkdir agents config admintools
cd /opt
sudo chown -R serveradmin:staff ./openam.0
sudo chmod -R 750 ./openam.0
```

Deploy

Rename and copy the war to the Tomcat deployment directory

```
cp openam_954.war /opt/apache/tomcat.0/webapps/openam.war
```

Start Tomcat and browse to <http://openam.krypton.com:8080/openam/> to start the wizard.

Initial Wizard

Select Custom Configuration.

Default User Password

User = amadmin

Pass = Adam's password+

Server Settings

Server URL = openam.krypton.com:8080

Cookie Domain = .krypton.com

Platform Local = en_US

Configuration Director = /opt/openam.0/config where the 0 designates this as the first instance

As per the [forum notes](#), you **MUST** use the fully quantified domain name, openam.krypton.com and not krypton.com in your browser url.

Configuration Data Store Settings

First Instance = selected

Data Store = OpenDS or Sun Java System Directory Server

SSL/TLS Enabled = no

Host Name = localhost

Port = 50389

Admin Port = 5444

JMX Port = 1689

Root Suffix = dc=openam,dc=krypton,dc=com

Login ID = cn=Directory Manager

Password = Adam's password+

Originally I wanted to use OpenDJ for the Data Store but it is recommended against by ForgeRock. Read the [OpenDJ setup](#) for more details.

ForgeRock also **recommends** using the embedded LDAP server as the **configuration** store when you have **four or fewer instances of OpenAM** in production. At the same time, ForgeRock does not recommend

Since both the Configuration Data Store and the User Data Store use very similar schemas we make a point to differentiate the root suffix.

If you really want to use an external data store for the Configuration read <https://wikis.forgerock.org/confluence/display/openam/Configure+an+external+OpenDJ+or+OpenDS+as+the+configuration+store>

User Data Store Settings

Other User Data Store = selected

User Data Store Type = OpenDS

SSL/TLS Enabled = no

Host Name = opendj0.krypton.com

Port = 1389

Root Suffix = dc=krypton,dc=com

Login ID = cn=Directory Manager

Site Configuration

Select No

Default Policy Agent User

Set password for policy agent must be different so using 2Keys.

Summary Details

Configuration Store Details

SSL/TLS Enabled	No
Host Name	krypton.com
Listening Port	1389
Root Suffix	dc=opendj.krypton,dc=com
User Name	cn=Directory Manager
Directory Name	/opt/openam-config.0

User Store Details

SSL/TLS Enabled	No
Host Name	krypton.com
Listening Port	1389
Root Suffix	dc=opendj.krypton,dc=com
User Name	cn=Directory Manager
User Data Store Type	OpenDS

Site Configuration Details

This instance is not setup behind a load balancer

Run

When the configuration completes, click Proceed to Login, and then login as OpenAM administrator.