horizontal line

Wildfly server setup

**DGE NLA communication (JMS server)**

**18th July 2017**

# OVERVIEW

Wildfly, formerly known as the JBoss Application Server, is a free open-source application server that provides an environment in which applications can run. Wildfly is written in Java and was originally authored by JBoss but is now actively maintained by Red Hat. Wildfly implements the Java Platform, Enterprise Edition (Java EE) specification and version 10 supports Java 8. Because Wilfly is written in Java, it can run on multiple platforms

# GOALS

1. Setup wildfly 10 server .
2. Push message in jms queue.
3. Pull message from jms

# MILESTONES

## Requirements

Java SE 8 or later (we recommend that you use the latest update available)

## Download

WildFly 10 distributions can be obtained from:

[wildfly.org/downloads](http://www.wildfly.org/downloads/)

WildFly 10 provides a single distribution available in zip or tar file formats.

* **wildfly-10.0.0.Final.zip**
* **wildfly-10.0.0.Final.tar.gz**

## Installation

Simply extract your chosen download to the directory of your choice. You can install WildFly 10 on any operating system that supports the zip or tar formats. Refer to the Release Notes for additional information related to the release.

**Customization**

Replace standalone.xml with standalone-full-ha.xml for jms subsystem queue and title

Please check [standalone-full-ha.xml](https://drive.google.com/drive/u/0/folders/0B1Em7bTFVQpLblQyb3pMVE9lSk0)

bin/standalone.sh -b 0.0.0.0

→ Here 0.0.0.0 for public access we can configure specific ip

## Authentication

|  |
| --- |
| ./add-user.sh  What type of user do you wish to add?  a) Management User (mgmt-users.properties)  b) Application User (application-users.properties)  (a): |

Here select option b for Application user.

|  |
| --- |
| Enter the details of the new user to add.  Realm (ManagementRealm) :  Username :  Password :  Re-enter Password : |

Same password should be configured in jms.properties under DGE

# REFERENCES

[Official document](https://docs.jboss.org/author/display/WFLY10/Getting+Started+Guide)