**Manually Deploying a Web Application in Test Server**

**Prerequisites:** tomcat, Java

**Download Tomcat here**

wget http://apache.mirrors.hoobly.com/tomcat/tomcat-9/v9.0.0.M21/bin/apache-tomcat-9.0.0.M21.tar.gz

**Download Java from here**

[https://tecadmin.net/install-java-8-on-centos-rhel-and-fedora/#](https://tecadmin.net/install-java-8-on-centos-rhel-and-fedora/)  **or**

wget <http://download.oracle.com/otn-pub/java/jdk/8u131-b11/d54c1d3a095b4ff2b6607d096fa80163/jdk-8u131-linux-x64.tar.gz?AuthParam=1497562353_b6fa292ad899b84d9915aef82fd24c34>

* **Instructions for installing Tomcat**

<http://linux-sxs.org/internet_serving/c140.html>

* **Instructions for Installing Java**

[https://tecadmin.net/install-java-8-on-centos-rhel-and-fedora/#](https://tecadmin.net/install-java-8-on-centos-rhel-and-fedora/)

**To start tomcat**

$CATALINA\_HOME/bin/startup.sh

**To stop tomcat**

$CATALINA\_HOME/bin/shutdown.sh

Change the port because Jenkins and tomcat runs on same server

Steps of changing the Tomcat Port from 8080 to some other.

1) Locate **server.xml** in **{Tomcat installation folder}\ conf \**

2) Find following similar statement

<!-- Define a non-SSL HTTP/1.1 Connector on port 8180 -->

<Connector port="8080" maxHttpHeaderSize="8192"

maxThreads="150" minSpareThreads="25" maxSpareThreads="75"

enableLookups="false" redirectPort="8443" acceptCount="100"

connectionTimeout="20000" disableUploadTimeout="true" />

**To deploy the web application**

* We have to copy the war file in **/opt/tomcat/webapps/sample.war**
* Now restart tomcat by using above commands.
* Search in website by [**http://192.168.56.10:8080/sample/hello.jsp**](http://192.168.56.10:8080/sample/hello.jsp)

