JOBS PLANET PROJECT INSTALLATION PRE-REQUISTS: -

This project we need

|  |  |  |  |
| --- | --- | --- | --- |
| s.no | NAME | Ip-address:portnumber | VERSION |
|  | JENKINS | **13.235.249.112:8899** | **Jenkins 2.332.3** |
|  | TOMCAT | **-** | TOMCAT-9.53 |
|  | JAVA |  | JAVA-1.8 |
|  | POSTGRESQL | 10.0.0.187:5432 | POSTGRESQL-10 |
|  | elasticsearch | **13.235.249.112:9200** | 7.14.1 |
|  | NGINX | **13.235.249.112** | 1.20 |

**INSTALLATION OF JAVA:-**

Tomcat is an [application server](https://searchsqlserver.techtarget.com/definition/application-server) from the Apache Software Foundation that executes Java [servlet](https://searchmicroservices.techtarget.com/definition/servlet)s and renders Web pages that include [Java Server Page](https://www.theserverside.com/definition/Java-Server-Page-JSP) coding. Described as a "reference implementation" of the Java Servlet and the Java Server Page specifications, Tomcat is the result of an open collaboration of developers and is available from the [Apache](https://whatis.techtarget.com/definition/Apache) Web site in both binary and source versions. Tomcat can be used as either a standalone product with its own internal [Web server](https://whatis.techtarget.com/definition/Web-server) or together with other Web servers, including [Apache](https://whatis.techtarget.com/definition/Apache), Netscape Enterprise Server, Microsoft Internet Information Server ([IIS](https://searchwindowsserver.techtarget.com/definition/IIS)), and Microsoft [Personal Web Server](https://searchmicroservices.techtarget.com/definition/Personal-Web-Server-PWS). Tomcat requires a Java Runtime Enterprise Environment that conforms to JRE 1.1 or later.

TO INSTALL OPEN-SOURCE JAVA IN LINUX:-

To install the open-source java – yum install –y java-1.8\*

To see the version of the java -- java –version

TO INSTALL JAVA ORACLE-JDK IN LINUX:-

To install the oracle jdk and to setting up the path for java follow the link -- <https://www.oracle.com/technetwork/java/javase/downloads/index.html>

**The Tomcat Installed Directory.**

In our machine,

1. the tomcat path = /home/centos
2. port number = 8080

Once you installed tomcat, it will be placed in your local storage. For windows, it’s usually in Linux, it can be on the opt. Once you’re in the directory, you can see the different folders and files available:

**bin**: for Tomcat’s binaries and startup scripts.

**conf**: global configuration applicable to all the webapps. The default installation provides:

catalina.policy for specifying security policy.

Two Properties Files: catalina.properties and logging.properties,

Four Configuration XML Files: server.xml (Tomcat main configuration file), web.xml (global web application deployment descriptors), context.xml (global Tomcat-specific configuration options) and tomcat-users.xml (a database of user, password and role for authentication and access control).

The conf also contain a sub-directory for each engine, e.g., Catalina, which in turn contains a sub-sub-directory for each of its hosts, e.g., localhost. You can place the host-specific context information (similar tocontext.xml, but named as *webapp*.xml for each webapp under the host).

**logs**: contains the engine logfile Catalina.{yyyy-mm-dd}.log, host logfile localhost.{yyyy-mm-dd}.log, and other application logfiles such as manger and host-manager. The access log (created by theAccessLogValve) is also kept here.

**webapps**: the default appBase – web applications base directory of the host localhost.

Jobs planet project has wars known has

1. training.war
2. skilldetails.war
3. referencedata.war
4. employer.war
5. client.war
6. jobseeker.war
7. dms.war
8. ums.war
9. schedular.war
10. messaging.war
11. gateway.war
12. feedback.war

**Prerequisites for Jenkins installation:-**

Path=/var/lib/jenkins

url=192.168.1.139:8899

1. After completion of installation:-
2. A user has been created for jobs planet project for the purpose for uat deployment process

creditals:-

|  |  |
| --- | --- |
| username | admin |
| Password | Admin#321 |

1. jobspalnet contains jobs to build and git URL’S are mentioned below

|  |
| --- |
| 1. git@bitbucket.org:prutechjavateam/jobsplanet\_common.git |
| 1. git@bitbucket.org:prutechjavateam/jobsplanet\_oauth2\_server.git |
| 1. git@bitbucket.org:prutechjavateam/jobsplanet\_ums.git |
| 1. git@bitbucket.org:prutechjavateam/jobsplanet\_organization.git |
| 1. git@bitbucket.org:prutechjavateam/jobsplanet\_messaging.git |
| 1. git@bitbucket.org:prutechjavateam/jobsplanet\_masterdata.git |
| 1. git@bitbucket.org:prutechjavateam/jobsplanet\_skill\_details.git |
| 1. git@bitbucket.org:prutechjavateam/jobsplanet\_jobseeker\_app.git |
| 1. git@bitbucket.org:prutechjavateam/jobsplanet-digital-lib-app.git |
| 1. git@bitbucket.org:prutechjavateam/jobsplanet\_discovery\_platform.git |
| 1. git@bitbucket.org:prutechjavateam/jobsplanet\_eureka\_server.git |
| 1. git@bitbucket.org:prutechjavateam/jp\_api\_gateway.git |
| 1. git@bitbucket.org:prutechjavateam/jobsplanet\_training.git |
| 1. git@bitbucket.org:prutechjavateam/jobsplanet\_scheduler.git |
| 1. git@bitbucket.org:prutechjavateam/jobsplanet\_feed\_back\_service.git |
| 1. git@bitbucket.org:prutechjavateam/jobsplanet\_bulk\_processor.git |
| 1. git clone git@bitbucket.org:prutechjavateam/jobsplanet\_employer.git |

* Branch ------ stable-1.2

POSTGRESQL :-

The Jobs planet project has a user with the database

|  |  |
| --- | --- |
| Username | postgres |
| Password | Prutech#adm1n |
| Database name | jobsplanet |

ELASTICSEARCH:-

### Elasticsearch is a database that stores, retrieves, and manages document-oriented and semi-structured data. Learn how you can use it to quickly resolve queries!

Perquisites: -

ELASTIC SEARCH cannot run as root so a user is needed to create. it is installed in another instance (Jp-Prod-Web-Crawler)

Port = 9200

URL =13.135.149.112:9200