**Vprofile Project – Visualpath**

**Requirements:-**

Three servers

1) Jenkins server

* Ubuntu
* Install Java 8
* Install Jenkins
* Install Git
* Install maven

2) Nexus server

* Centos 6 or 7
* Install java 8
* Install nexus

3) Tomcat server

* Ubuntu
* Install java 8
* Install tomcat

**Jenkins Plugins**

* Zentimestamp
* Checkstyle
* Nexus Artifact uploader
* Deploy to container / Delpoy war/ear to container
* Copy Artifact
* Archive Artifact

**Jobs Pipeline**

SCA 🡪 Build 🡪 Nexus 🡪 Tomcat

Tomcat server setup

sudo -i

wget <http://mirrors.fibergrid.in/apache/tomcat/tomcat->8/v8.5.33/bin/apache-tomcat-8.5.33.tar.gz

ls

tar -xvzf apache-tomcat-8.5.33.tar.gz

ls

sudo apt install openjdk-8-jdk -y

ls

cd apache-tomcat-8.5.33/

ls

cd conf/

ls

vi tomcat-users.xml

cd ..

cd webapps/manager/

cd META-INF/

ls

vi context.xml

cd

cd apache-tomcat-8.5.33/

cd bin/

./shutdown.sh

./startup.sh

ip a

login to tomcat manager app

Ex : - 192.168.56.10:8080

Username: tomcat

Username: tomcat

**Nexus Server setup**

yum install -y java-1.8.0-openjdk.x86\_64 vim wget

export RUN\_AS\_USER=root

wget http://www.sonatype.org/downloads/nexus-latest-bundle.tar.gz

sudo cp nexus-latest-bundle.tar.gz /usr/local/

cd /usr/local

sudo tar xvzf nexus-latest-bundle.tar.gz

ls

sudo ln -s nexus-2.14.9-01 nexus

ls

cd nexus

ls

cd bin

ls

./nexus start

service iptables stop

**GitHub Vprofile url:**

https://github.com/wkhanvisualpathit/VProfile.git