PROJECT-4

MASTER AND SLAVE CONFIGURATION

TASK - 1

<u>Deploy wordpress web application on master – slave in jenkins</u>

Slave – 5 (vamsi krishna)

Wordpress: What is WordPress?

At its core, WordPress is the simplest, most popular way to create your own website or blog. In fact, WordPress powers over 43.3% of all the websites on the Internet. Yes – more than one in four websites that you visit are likely powered by WordPress.

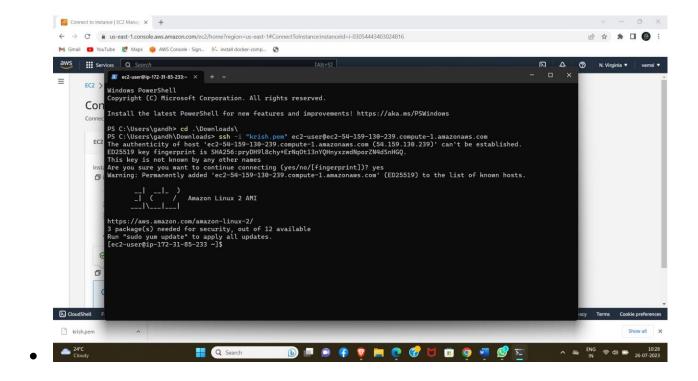
On a slightly more technical level, WordPress is an open-source content management system licensed under GPLv2, which means that anyone can use or modify the WordPress software for free. A <u>content management system</u> is basically a tool that makes it easy to manage important aspects of your website – like content – without needing to know anything about programming.

The end result is that WordPress makes building a website accessible to anyone – even people who aren't developers.

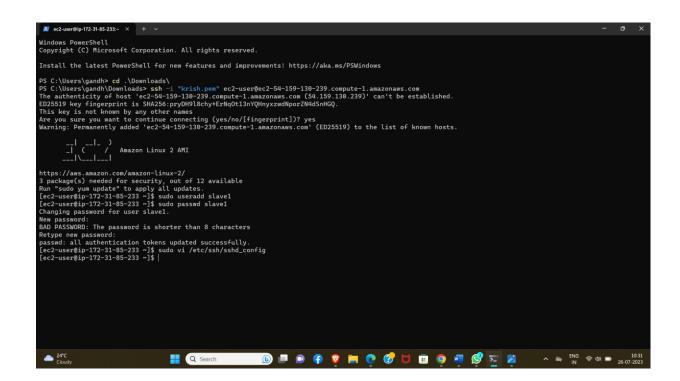
Step by step procedure:

• Create an EC2 instance for Jenkins Slavenode server and connect instance with ssh key.

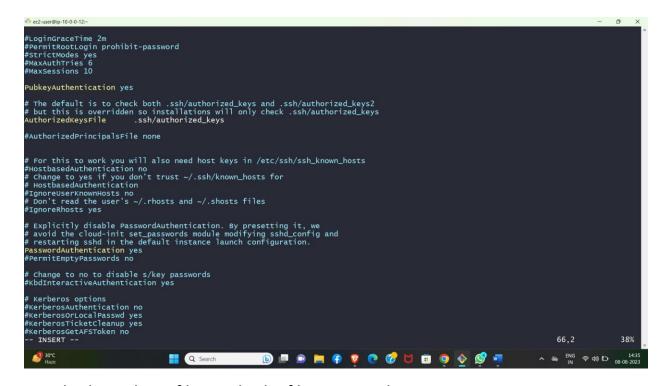
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Add user for slave using useradd/passwd



• And give permissions for passwd authentication



- Edit the sudoers file to edit the file command is
- sudo vi /etc/sudoers
- add tomcat (ALL) NOPASSWD:ALL

Add ssh for slave

sudo useradd jenkins-slave1
sudo su - jenkins-slave1
ssh-keygen -t rsa -N "" -f /home/jenkins-slave1/.ssh/id_rsa
cd .ssh
cat id_rsa.pub > authorized_keys
chmod 700 authorized_keys

```
Su: User tomact does not exist or the user entry does not contain all the required fields [ec2-user@ip-10-0-0-12 ~]5 sudo useradd tomact [ec2-user@ip-10-0-0-12 ~]5 sudo passwd tomact changing password for user tomact.

New password:

ABD PASSWORD: The password is shorter than 8 characters

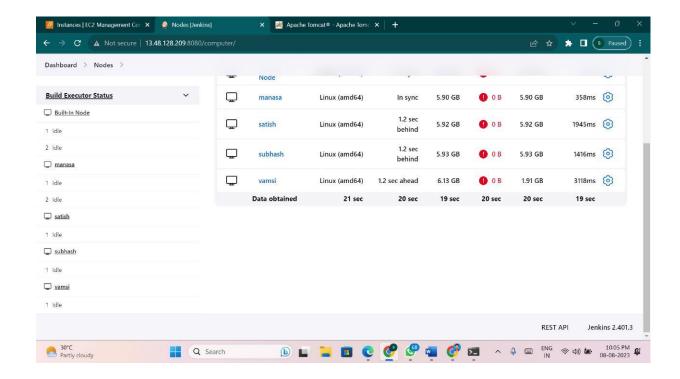
Retype new password:

Retype new passwo
```

Then connect to master you can give your public ip and user details on master



Then connect to master



- And send the wordpress git repositry and public ip and userdata commands for docker-compose for master
- Like https://github.com/krishnanaidu99/my-dc.git
- And give Commands for master like

sudo yum update -y
sudo amazon-linux-extras install docker
sudo yum install docker
sudo service docker start
sudo usermod -a -G docker ec2-user
sudo curl -L
https://github.com/docker/compose/releases/latest/download/docker-com
pose-\$(uname -s)-\$(uname -m) -o /usr/local/bin/docker-compose
sudo chmod +x /usr/local/bin/docker-compose
docker-compose version
sudo docker-compose up -d

• Master was deploy your project then you can browse the ip adress

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