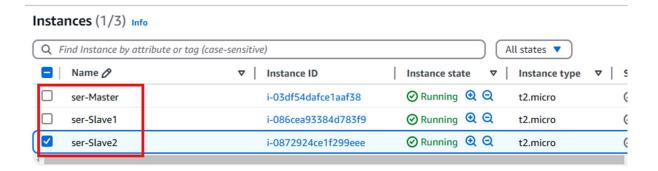
## **Capstone Project**

# **DevOps Certification Training**

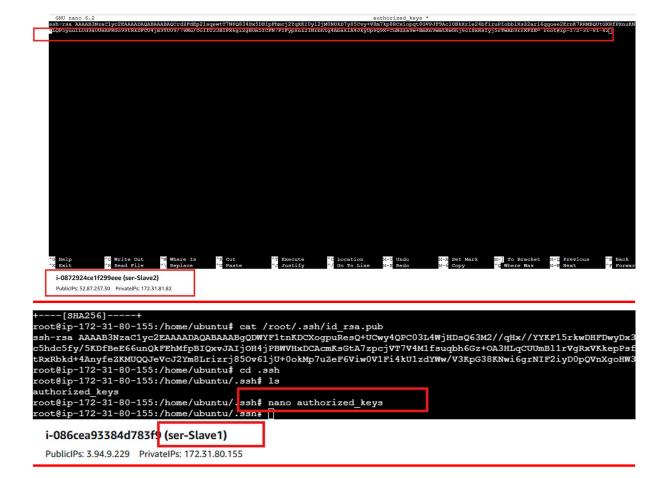


```
If you face any issues while installing Ansible PFA, file an issue here:
https://github.com/ansible-community/ppa/issues
More info: https://launchpad.net/~ansible/+archive/ubuntu/ansible
Adding repository.
Adding deb entry to /etc/apt/sources.list.d/ansible-ubuntu-ansible-jammy.list
Adding disabled deb-src entry to /etc/apt/sources.list.d/ansible-ubuntu-ansible-jammy.list
Adding key to /etc/apt/trusted.gpg.d/ansible-ubuntu-ansible.gpg with fingerprint 6125E2A8C77F2818FB7BD15B93C4A3FD7BB9C36*
Hit:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates InRelease
Hit:2 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-packports InRelease
Hit:3 http://socurity.ubuntu.com/ubuntu jammy-packports InRelease
Hit:4 http://socurity.ubuntu.com/ubuntu jammy-backports InRelease
Get:5 https://ppa.launchpadcontent.net/ansible/ansible/ubuntu jammy InRelease
Get:6 https://ppa.launchpadcontent.net/ansible/ansible/ubuntu jammy InRelease
Get:7 https://ppa.launchpadcontent.net/ansible/ansible/ubuntu jammy/main amd64 Packages [11.0 B]
Get:6 https://ppa.launchpadcontent.net/ansible/ansible/ubuntu jammy/main Translation-en [752 B]
Fetched 19. ½ Bin is (2.1.9 kb/s)
Reading package lists... Done
moot@ip-172-31-82-114:/home/ubuntuf sudo apt install ansible
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
ansible-core python3-jmespath python3-kerberos python3-nacl python3-ntlm-auth python3-paramiko python3-requests-shquass
python-nacl-doc python3-jmespath python3-invoke
The following NEW packages will be installed:
ansible ansible-core python3-jmespath python3-kerberos python3-nacl python3-ntlm-auth python3-paramiko python3-request:
sshquass
o upgraded, 13 newly installed, 0 to remove and 31 not upgraded.
Need to get 19.2 MB of archives.
After this operation, 213 MB of additional disk space will be used.
Do you want to continue? [Y/n]
```

#### i-03df54dafce1aaf38 (ser-Master)

PublicIPs: 18.204.215.181 PrivateIPs: 172.31.82.114

i-03df54dafce1aaf38 (ser-Master)



```
GNU nano 6.2
[Slave]
172.31.80.155
172.31.81.82
   It should live in /etc/ansible/hosts
# Ex 1: Ungrouped hosts, specify before any group headers:
## green.example.com
## blue.example.com
## 192.168.100.1
## 192.168.100.10
# Ex 2: A collection of hosts belonging to the 'webservers' group:
## [webservers]
## alpha.example.org
## beta.example.org
## 192.168.1.100
## 192.168.1.110
ubuntu@ip-172-31-91-243:/etc/ansible$ sudo nano hosts
ubuntu@ip-172-31-91-243:/etc/ansible$ ansible all -m ping
[WARNING]: Platform linux on host 172.31.94.136 is using the discovered Python interpreter at /usr/bin/python3.10, but future ins
See https://docs.ansible.com/ansible-core/2.17/reference_appendices/interpreter_discovery.html for more information.
 WARNING]: Platform linux on host 172.31.26.98 is using the discovered Python interpreter at /usr/bin/python3.10, but future instance https://docs.ansible.com/ansible-core/2.17/reference_appendices/interpreter_discovery.html for more information.
   untu@ip-172-31-91-243:/etc/ansible$
```

#### i-08927dfe3d367cfe8 (master)

PublicIPs: 3.87.5.140 PrivateIPs: 172.31.91.243

```
DASK [Gathering Facts]

DASK [Gathering Facts]

DASK [Canalyst]

DASK [Can
```

#### i-08927dfe3d367cfe8 (master)

PublicIPs: 3.87.5.140 PrivateIPs: 172.31.91.243

```
buntu@ip-172-31-94-136:~$ java --version
penjdk 11.0.26 2025-01-21
penJDK Runtime Environment (build 11.0.26+4-post-Ubuntu-1ubuntu122.04)
penJDK 64-Bit Server VM (build 11.0.26+4-post-Ubuntu-1ubuntu122.04, mixed mode, sharing)
buntu@ip-172-31-94-136:~$ docker --version
pocker version 26.1.3, build 26.1.3-Oubuntu1~22.04.1
buntu@ip-172-31-94-136:~$ jenkins --version
enkins: command not found
buntu@ip-172-31-94-136:~$ [
```

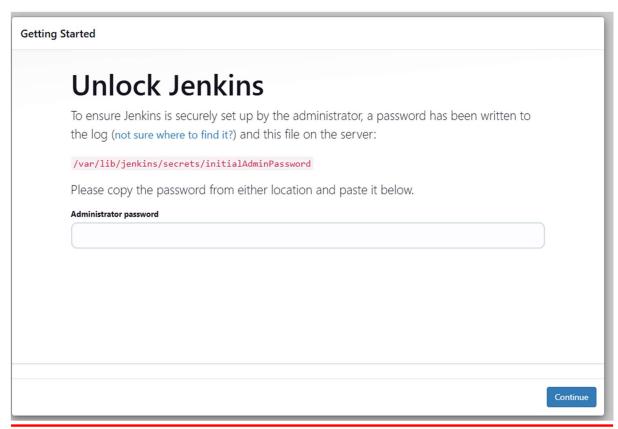
## i-01e14cf02732913e8 (slave1)

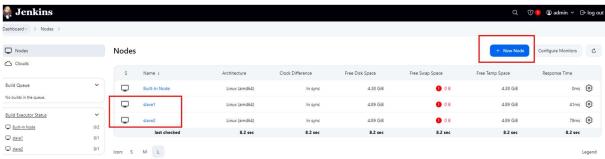
PublicIPs: 44.204.185.17 PrivateIPs: 172.31.94.136

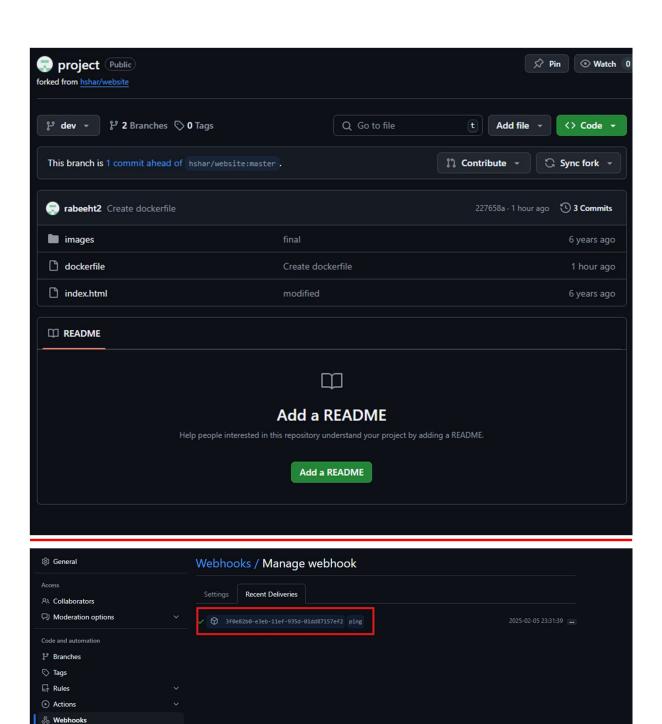
```
Last login: Wed Feb 5 11:12:24 2025 from 172.31.91.243
ubuntu@ip-172-31-94-136:~$ java --version
openjdk 11.0.26 2025-01-21
OpenJDK Runtime Environment (build 11.0.26+4-post-Ubuntu-1ubuntu122.04)
OpenJDK 64-Bit Server VM (build 11.0.26+4-post-Ubuntu-1ubuntu122.04, mixed mode, sharing)
ubuntu@ip-172-31-94-136:~$ docker --version
Docker version 26.1.3, build 26.1.3-Oubuntu1~22.04.1
ubuntu@ip-172-31-94-136:~$ jenkins --version
jenkins: command not found
ubuntu@ip-172-31-94-136:~$ jenkins --version
jenkins: command not found
ubuntu@ip-172-31-94-136:~$ jenkins --version
jenkins: command not found
ubuntu@ip-172-31-94-136:~$ |
```

## i-01e14cf02732913e8 (slave1)

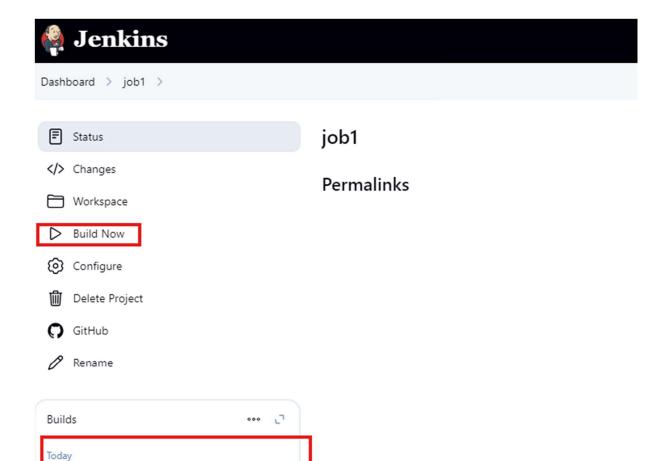
PublicIPs: 44.204.185.17 PrivateIPs: 172.31.94.136







Code security Deploy keys Secrets and variables



```
buntu@ip-172-31-94-201:~$ cd jenkins
buntu@ip-172-31-94-201:~/jenkins$ ls
emoting remoting.jar workspace
buntu@ip-172-31-94-201:~/jenkins$ cd workspace
buntu@ip-172-31-94-201:~/jenkins/workspace$ ls
ob1
buntu@ip-172-31-94-201:~/jenkins/workspace$ [
```

··· #1 18:05

X V

