

Instances (5/12) Info

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☰	Name ▾	Instance ID	Instance state ▾	Instance type ▾	Status check	Alarm status	Availability Zone
✔	Ansible-Master	i-0d4ebedfd0ab7ec3d	✔ Running ⓘ🔍	t2.micro	✔ 2/2 checks passed	No alarms +	us-east-1c
✔	Ansible-Prod2	i-0c5afc682f8204b55	✔ Running ⓘ🔍	t2.micro	✔ 2/2 checks passed	No alarms +	us-east-1c
✔	Ansible-Test2	i-00454b618dd627246	✔ Running ⓘ🔍	t2.micro	✔ 2/2 checks passed	No alarms +	us-east-1c
✔	Ansible-Prod1	i-0bd588f2b4d79ee87	✔ Running ⓘ🔍	t2.micro	✔ 2/2 checks passed	No alarms +	us-east-1c
✔	Ansible-Test1	i-0cafa27ef8d53ab50	✔ Running ⓘ🔍	t2.micro	✔ 2/2 checks passed	No alarms +	us-east-1c


Instances: i-0d4ebedfd0ab7ec3d (Ansible-Master), i-0c5afc682f8204b55 (Ansible-Prod2), i-00454b618dd627246 (Ansible-Test2), i-0bd588f2b4d79ee87 (Ansible-Prod1), i-0cafa27ef8d53ab50 (Ansible-Test1)


Monitoring

1h 3h 12h 1d 3d 1w Custom    Add to dashboard


CPU utilization (%) 

Percent




Status check failed (any... 

Count

Status check failed (inst... 

Count

Status check failed (sys... 

Count

```
root@ip-172-31-85-250: ~
root@ip-172-31-85-250:~#

root@ip-172-31-87-106: ~
root@ip-172-31-87-106:~#

root@ip-172-31-94-237: ~
root@ip-172-31-94-237:~#

root@ip-172-31-84-129: ~
root@ip-172-31-84-129:~#
```

```
root@ip-172-31-94-109: ~
root@ip-172-31-94-109:~# vi /etc/ansible/hosts
# This is the default ansible 'hosts' file.
#
# It should live in /etc/ansible/hosts
#
# - Comments begin with the '#' character
# - Blank lines are ignored
# - Groups of hosts are delimited by [header] elements
# - You can enter hostnames or ip addresses
# - A hostname/ip can be a member of multiple groups
#
# Ex 1: Ungrouped hosts, specify before any group headers.
#
[test]
172.31.94.237
172.31.84.129
# Ex 2: A collection of hosts belonging to the 'webservers' group
#
[prod]
172.31.85.250
172.31.87.106
# If you have multiple hosts following a pattern you can specify
# them like this:
```

```
root@ip-172-31-94-109:~# ls
apache.yml      condition.yml  loops.yml     nodejs.yml    playbook      script.yml    targett.yml    tomcate.yml
artifact.zip    handlers.yml  master.yml    osfamaily.yml script.sh      snap          test_script.sh
root@ip-172-31-94-109:~# cd playbook
root@ip-172-31-94-109:~/playbook# tree
```

```
.
├── master.yml
└── roles
    ├── webserver
    │   └── tasks
    │       └── main.yml
    └── webserver1
        └── tasks
            └── main.yml
```

5 directories, 3 files

```
root@ip-172-31-94-109:~/playbook#
```




```
root@ip-172-31-94-109:~# ls
apache.yml      condition.yml  loops.yml     nodejs.yml    playbook      script.yml    targett.yml    tomcate.yml
artifact.zip    handlers.yml  master.yml    osfamaily.yml script.sh      snap          test_script.sh
root@ip-172-31-94-109:~# cd playbook
root@ip-172-31-94-109:~/playbook# tree
```

```
.
├── master.yml
└── roles
    ├── webserver
    │   └── tasks
    │       └── main.yml
    └── webserver1
        └── tasks
            └── main.yml
```

5 directories, 3 files

```
root@ip-172-31-94-109:~/playbook# vi master.yml
root@ip-172-31-94-109:~/playbook# cd roles
root@ip-172-31-94-109:~/playbook/roles# tree
```

```
.
├── webserver
│   └── tasks
│       └── main.yml
└── webserver1
    └── tasks
        └── main.yml
```

4 directories, 2 files

```
root@ip-172-31-94-109:~/playbook/roles# ls
webserver  webserver1
root@ip-172-31-94-109:~/playbook/roles#
```

```
└── main.yml
└── webserver1
    └── tasks
        └── main.yml
```

5 directories, 3 files

```
root@ip-172-31-94-109:~/playbook# vi master.yml
```

```
root@ip-172-31-94-109:~/playbook# cd roles
```

```
root@ip-172-31-94-109:~/playbook/roles# tree
```

```
.
├── webserver
│   └── tasks
│       └── main.yml
├── webserver1
│   └── tasks
│       └── main.yml
```

4 directories, 2 files

```
root@ip-172-31-94-109:~/playbook/roles# ls
```

```
webserver  webserver1
```

```
root@ip-172-31-94-109:~/playbook/roles# cd webserver
```

```
root@ip-172-31-94-109:~/playbook/roles/webserver# tree
```

```
.
└── tasks
    └── main.yml
```

1 directory, 1 file

```
root@ip-172-31-94-109:~/playbook/roles/webserver# ls
```

```
tasks
```

```
root@ip-172-31-94-109:~/playbook/roles/webserver# cd tasks
```

```
root@ip-172-31-94-109:~/playbook/roles/webserver/tasks# ls
```

```
main.yml
```

```
root@ip-172-31-94-109:~/playbook/roles/webserver/tasks# vi main.yml
```



```
- name: install openjdk-11-jdk on ubuntu
  apt: name=openjdk-11-jdk state=latest
```

```
└─ main.yml
```

```
4 directories, 2 files
```

```
root@ip-172-31-94-109:~/playbook/roles# ls
```

```
webserver  webserver1
```

```
root@ip-172-31-94-109:~/playbook/roles# cd webserver
```

```
root@ip-172-31-94-109:~/playbook/roles/webserver# tree
```

```
└─ tasks
   └─ main.yml
```

```
1 directory, 1 file
```

```
root@ip-172-31-94-109:~/playbook/roles/webserver# ls
```

```
tasks
```

```
root@ip-172-31-94-109:~/playbook/roles/webserver# cd tasks
```

```
root@ip-172-31-94-109:~/playbook/roles/webserver/tasks# ls
```

```
main.yml
```

```
root@ip-172-31-94-109:~/playbook/roles/webserver/tasks# vi main.yml
```

```
root@ip-172-31-94-109:~/playbook/roles/webserver/tasks# cd ..
```

```
root@ip-172-31-94-109:~/playbook/roles/webserver# cd ..
```

```
root@ip-172-31-94-109:~/playbook/roles# ls
```

```
webserver  webserver1
```

```
root@ip-172-31-94-109:~/playbook/roles# cd webserver1
```

```
root@ip-172-31-94-109:~/playbook/roles/webserver1# tree
```

```
└─ tasks
   └─ main.yml
```

```
1 directory, 1 file
```

```
root@ip-172-31-94-109:~/playbook/roles/webserver1# cd tasks
```

```
root@ip-172-31-94-109:~/playbook/roles/webserver1/tasks# ls
```

```
main.yml
```

```
root@ip-172-31-94-109:~/playbook/roles/webserver1/tasks# vi main.yml
```




```
- name: install mysql-server server in ubuntu
  apt: name=mysql-server state=latest
```

```
root@ip-172-31-94-109:~# ls
apache.yml      condition.yml  loops.yml     nodejs.yml    playbook      script.yml    targett.yml    tomcate.yml
artifact.zip    handlers.yml  master.yml    osfamaily.yml script.sh      snap          test_script.sh
root@ip-172-31-94-109:~# cd playbook
root@ip-172-31-94-109:~/playbook# ls
master.yml  roles
root@ip-172-31-94-109:~/playbook# ansible-playbook master.yml --check
```

```
PLAY [ansible] *****
```

```
TASK [Gathering Facts] *****
```

```
ok: [172.31.84.129]
```

```
ok: [172.31.94.237]
```

```
TASK [webserver : install openjdk-11-jdk on ubuntu] *****
```

```
changed: [172.31.84.129]
```

```
changed: [172.31.94.237]
```

```
PLAY [ansible] *****
```

```
TASK [Gathering Facts] *****
```

```
ok: [172.31.87.106]
```

```
ok: [172.31.85.250]
```

```
TASK [webserver1 : install mysql-server server in ubuntu] *****
```

```
changed: [172.31.85.250]
```

```
changed: [172.31.87.106]
```

```
PLAY RECAP *****
```

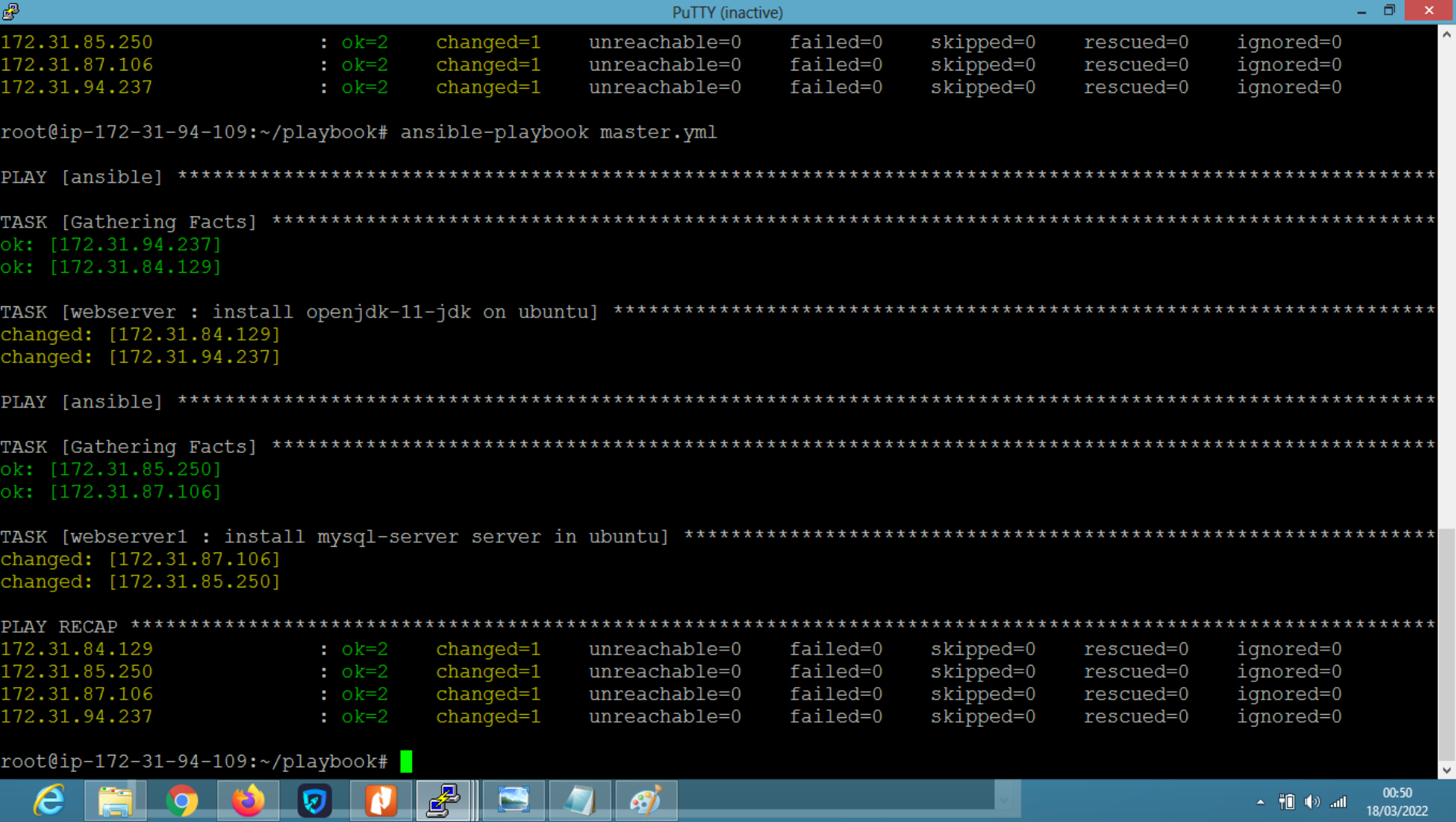
```
172.31.84.129      : ok=2    changed=1    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0
```

```
172.31.85.250      : ok=2    changed=1    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0
```

```
172.31.87.106      : ok=2    changed=1    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0
```

```
172.31.94.237      : ok=2    changed=1    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0
```





```
root@ip-172-31-87-106: ~  
root@ip-172-31-87-106:~# mysql -V  
mysql Ver 8.0.28-0ubuntu0.20.04.3 for Linux on x86_64 ((Ubuntu))  
root@ip-172-31-87-106:~#
```

```
root@ip-172-31-85-250: ~  
root@ip-172-31-85-250:~# mysql -V  
mysql Ver 8.0.28-0ubuntu0.20.04.3 for Linux on x86_64 ((Ubuntu))  
root@ip-172-31-85-250:~#
```

```
root@ip-172-31-94-109: ~  
# This is the default ansible 'hosts' file.  
#  
# It should live in /etc/ansible/hosts  
#  
# - Comments begin with the '#' character  
# - Blank lines are ignored  
# - Groups of hosts are delimited by [header] elements  
# - You can enter hostnames or ip addresses  
# - A hostname/ip can be a member of multiple groups  
  
# Ex 1: Ungrouped hosts, specify before any group header  
  
[test]  
172.31.94.237  
172.31.84.129  
# Ex 2: A collection of hosts belonging to the 'webserver' group  
  
[prod]  
172.31.85.250  
172.31.87.106  
# If you have multiple hosts following a pattern you can  
# them like this:
```

```
root@ip-172-31-84-129: ~  
root@ip-172-31-84-129:~# java --version  
openjdk 11.0.14 2022-01-18  
OpenJDK Runtime Environment (build 11.0.14+9-Ubuntu-0ubuntu2.20.04)  
OpenJDK 64-Bit Server VM (build 11.0.14+9-Ubuntu-0ubuntu2.20.04, mixed mode, sha  
ring)  
root@ip-172-31-84-129:~#
```

```
root@ip-172-31-94-237: ~  
root@ip-172-31-94-237:~# java --version  
openjdk 11.0.14 2022-01-18  
OpenJDK Runtime Environment (build 11.0.14+9-Ubuntu-0ubuntu2.20.04)  
OpenJDK 64-Bit Server VM (build 11.0.14+9-Ubuntu-0ubuntu2.20.04, mixed mode, sha  
ring)  
root@ip-172-31-94-237:~#
```

```
root@ip-172-31-94-109: ~  
# This is the default ansible 'hosts' file.  
#  
# It should live in /etc/ansible/hosts  
#  
# - Comments begin with the '#' character  
# - Blank lines are ignored  
# - Groups of hosts are delimited by [header]  
# - You can enter hostnames or ip addresses  
# - A hostname/ip can be a member of multiple  
#  
# Ex 1: Ungrouped hosts, specify before any group  
#  
[test]  
172.31.94.237  
172.31.84.129  
# Ex 2: A collection of hosts belonging to the 'prod' group  
#  
[prod]  
172.31.85.250  
172.31.87.106  
# If you have multiple hosts following a pattern  
# them like this:
```

```
root@ip-172-31-87-106:~# mysql -V
mysql Ver 8.0.28-0ubuntu0.20.04.3 for Linux on x86_64 ((Ubuntu))
root@ip-172-31-87-106:~# cd .ssh/
root@ip-172-31-87-106:~/.ssh# ls
authorized_keys
root@ip-172-31-87-106:~/.ssh# cat authorized_keys
no-port-forwarding,no-agent-forwarding,no-X11-forwarding,command="echo 'Please login as the user \"ubuntu\" rather than the user \"root\".';echo;sleep 10;exit 142" ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQDOrvd5KxFkp8srNLv0XGHEz7HPAMqelhmOfdFSF9BZy7CO/ug8YCbGCoTzTn2wvK4MP8ze68aNUG9Uq/lRph2vZDXk8xFu5s8cT2TmHmML5ktOqlPQnQWryc2WQ4v4HZ5j077+ynnhlsPuVZe0eaX6ZF1YF+I0Hp2fH6d9rlGZc27UGzcqTv2xveKkd+DmzyTQGAoYkOA+MQDuQZsMmjXagwWhOS/T5lqpWvpyNCBfSWlbEwfwBgilKcOIGbTyIBQ0zESDaHlJl0YFngLqNKOgZNkauY8d6rHtS+ZaEumcCg5lZUoo7Qih4ncz6Prw8D9I2BAEiZfc8nXWBrDPBwgp hotfix
ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQDZaR5UfWazJoXjxFuwvrILxxL4ROx9tPPJ66LjNZ61uZhFdXCd2yZht9nDqKYSVFUzZPXjWcSH2YkhIUA2oPXL9iXxmCEX5Frbs2RdXjFAfHJ2t+PPMF338xmmWvmdyz7u7UugJBpxPgKxKC5T7OBxtBBGtdMK4PQIvm8hSZBe7ZbZznRQT/wPrmRbCKMerM9WVbY3ETX4iW+S
HLeaOngSLvGkrsQc8XlijVVP+bNRurVAezD858Vt2SsUNutrXPJ0OHpfimgBfbIlvQm8hl3TjxkWOZKRZu/lxqqWbZB1liUrudSHFusMJAMdDCQ1Npk1CeJJ1
zjz0hhI70BYu4daSDYUbbzZTh8lxWhkKN3CS4nqVI3FV9RZuqFpHNXGPVqPsBzAZ0g+1JKjsDLUK2+8h6SmRIIEEKBPxxQhuOlR0S9jc7vVTwzomgdfykZE1nN1
CLqMBmo7Rwngj+rj9vBY1oBUzY1TqrUKx8LvJhURrCamKuJ/IXWY7OhFKOBmnFs= root@ip-172-31-94-109
ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQDZaR5UfWazJoXjxFuwvrILxxL4ROx9tPPJ66LjNZ61uZhFdXCd2yZht9nDqKYSVFUzZPXjWcSH2YkhIUA2oPXL9iXxmCEX5Frbs2RdXjFAfHJ2t+PPMF338xmmWvmdyz7u7UugJBpxPgKxKC5T7OBxtBBGtdMK4PQIvm8hSZBe7ZbZznRQT/wPrmRbCKMerM9WVbY3ETX4iW+S
HLeaOngSLvGkrsQc8XlijVVP+bNRurVAezD858Vt2SsUNutrXPJ0OHpfimgBfbIlvQm8hl3TjxkWOZKRZu/lxqqWbZB1liUrudSHFusMJAMdDCQ1Npk1CeJJ1
zjz0hhI70BYu4daSDYUbbzZTh8lxWhkKN3CS4nqVI3FV9RZuqFpHNXGPVqPsBzAZ0g+1JKjsDLUK2+8h6SmRIIEEKBPxxQhuOlR0S9jc7vVTwzomgdfykZE1nN1
CLqMBmo7Rwngj+rj9vBY1oBUzY1TqrUKx8LvJhURrCamKuJ/IXWY7OhFKOBmnFs= root@ip-172-31-94-109
ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQDZaR5UfWazJoXjxFuwvrILxxL4ROx9tPPJ66LjNZ61uZhFdXCd2yZht9nDqKYSVFUzZPXjWcSH2YkhIUA2oPXL9iXxmCEX5Frbs2RdXjFAfHJ2t+PPMF338xmmWvmdyz7u7UugJBpxPgKxKC5T7OBxtBBGtdMK4PQIvm8hSZBe7ZbZznRQT/wPrmRbCKMerM9WVbY3ETX4iW+S
HLeaOngSLvGkrsQc8XlijVVP+bNRurVAezD858Vt2SsUNutrXPJ0OHpfimgBfbIlvQm8hl3TjxkWOZKRZu/lxqqWbZB1liUrudSHFusMJAMdDCQ1Npk1CeJJ1
zjz0hhI70BYu4daSDYUbbzZTh8lxWhkKN3CS4nqVI3FV9RZuqFpHNXGPVqPsBzAZ0g+1JKjsDLUK2+8h6SmRIIEEKBPxxQhuOlR0S9jc7vVTwzomgdfykZE1nN1
CLqMBmo7Rwngj+rj9vBY1oBUzY1TqrUKx8LvJhURrCamKuJ/IXWY7OhFKOBmnFs= root@ip-172-31-94-109
root@ip-172-31-87-106:~/.ssh#
```



```
root@ip-172-31-87-106: ~  
root@ip-172-31-94-109:~# ls  
apache.yml      condition.yml  loops.yml     nodejs.yml    playbook      script.yml    targett.yml    tomcate.yml  
artifact.zip    handlers.yml  master.yml    osfamaily.yml script.sh      snap          test_script.sh  
root@ip-172-31-94-109:~# vi /etc/ansible/hosts  
root@ip-172-31-94-109:~# ssh 172.31.87.106  
Welcome to Ubuntu 20.04.3 LTS (GNU/Linux 5.13.0-1017-aws x86_64)  
  
* Documentation:  https://help.ubuntu.com  
* Management:    https://landscape.canonical.com  
* Support:       https://ubuntu.com/advantage  
  
System information as of Thu Mar 17 19:29:04 UTC 2022  
  
System load:  0.0                Processes:            117  
Usage of /:   59.3% of 7.69GB     Users logged in:     1  
Memory usage: 58%                IPv4 address for eth0: 172.31.87.106  
Swap usage:   0%  
  
* Ubuntu Pro delivers the most comprehensive open source security and  
  compliance features.  
  
  https://ubuntu.com/aws/pro  
  
38 updates can be applied immediately.  
3 of these updates are standard security updates.  
To see these additional updates run: apt list --upgradable  
  
Last login: Thu Mar 17 19:20:58 2022 from 172.31.94.109  
root@ip-172-31-87-106:~# ls  
hi.txt  m.txt  snap  
root@ip-172-31-87-106:~# █
```

