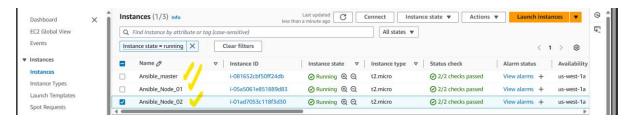
1) Setup one master and two worker nodes in ansible.

Based on the task first I want to launch three instances.

so here see three instance's with name's.



Now we have to connect the Ansible master server and there we need to install Ansible.

- Before installing the ansible I am checking the prerequisite python is available or not.
- If in case python is not available we need to install python.
- We need to update the server.

```
Ubuntu@ip-172-31-20-181:~$ python3 --version
Python 3.12.3

Bit:1 http://us-west-1.ec2.archive.ubuntu.com/ubuntu noble InRelease
Get:2 http://us-west-1.ec2.archive.ubuntu.com/ubuntu noble-backports InRelease [126 kB]
Get:3 http://us-west-1.ec2.archive.ubuntu.com/ubuntu noble-backports InRelease [126 kB]
Get:4 http://us-west-1.ec2.archive.ubuntu.com/ubuntu noble-backports InRelease [126 kB]
Get:5 http://security.ubuntu.com/ubuntu noble-backports InRelease [126 kB]
Get:6 http://security.ubuntu.com/ubuntu noble/universe amd64 Packages [15.0 MB]
Get:6 http://us-west-1.ec2.archive.ubuntu.com/ubuntu noble/universe Iranslation-en [5982 kB]
Get:7 http://us-west-1.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 Components [3871 kB]
Get:8 http://us-west-1.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 Components [3871 kB]
Get:9 http://us-west-1.ec2.archive.ubuntu.com/ubuntu noble/multiverse amd64 Packages [269 kB]
Get:10 http://us-west-1.ec2.archive.ubuntu.com/ubuntu noble/multiverse amd64 Components [35.0 kB]
Get:11 http://us-west-1.ec2.archive.ubuntu.com/ubuntu noble/multiverse amd64 Components [35.0 kB]
Get:12 http://us-west-1.ec2.archive.ubuntu.com/ubuntu noble-updates/main amd64 Packages [615 kB]
Get:13 http://us-west-1.ec2.archive.ubuntu.com/ubuntu noble-updates/main amd64 Packages [615 kB]
Get:15 http://us-west-1.ec2.archive.ubuntu.com/ubuntu noble-updates/main amd64 Components [114 kB]
Get:16 http://us-west-1.ec2.archive.ubuntu.com/ubuntu noble-updates/main amd64 Components [114 kB]
Get:17 http://us-west-1.ec2.archive.ubuntu.com/ubuntu noble-updates/main amd64 Components [114 kB]
Get:18 http://us-west-1.ec2.archive.ubuntu.com/ubuntu noble-updates/main amd64 Components [114 kB]
Get:19 http://us-west-1.ec2.archive.ub
```

Now we are good to install the ansible.

CMD: sudo apt install ansible ---- to install ansible

```
**Mentusip-172-31-20-181-*$ sudo apt install ansible eading package lists... Done wilding dependency tree... Done eading sate information... Done he following additional packages will be installed:
ansible-cree python3-argcomplete python3-dnspython python3-jmespath python3-kerberos python3-libcloud python3-lockfile python3-minm into python3-packaging python3-passlib python3-requests-ntlm python3-resolvelib python3-elinux python3-simplejson python3-minm into python3-packages:
comsay sshpass python3-trio python3-aioquic python3-python3-httpx python3-httpcore python3-lockfile-doc he following NEW packages will be installed:
ansible ansible-core python3-argcomplete python3-dnspython python3-mespath python3-kerberos python3-libcloud python3-lockfile python3-wintm python3-argtomplete python3-argump python3-requests-ntlm python3-resolvelib python3-selinux python3-simplejson python3-wintm python3-relinux python3-packaging python3-packaging python3-resolvelib python3-resolvelib python3-selinux python3-simplejson python3-wintm python3-selinux python3-selinux python3-simplejson python3-wintm python3-celinux python3-packaging all 24.9-1 [ul.1 kB] the python3-resolvelib python3-selinux python3-simplejson python3-wintm python3-selinux python3-selinux python3-selinux python3-simplejson python3-wintm python3-resolvelib python3-packaging all 24.9-1 [ul.1 kB] the python3-selinux python3-selinux python3-selinux python3-simplejson python3-simplejson python3-selinux python3-selinux python3-simplejson python3-simplejson python3-selinux python3-selinux python3-simplejson python3-simplej
```

While checking the version I am not able see the configuration file .

So I went to etc dir I check is there any directory.

```
root@ip-172-31-20-183:~# ansible --version
ansible [core 2.16.3]
config file = None
configured module search path = ['/root/.ansible/plugins/modules', '/usr/share/ansible/plugins/modules']
ansible python module location = /usr/lib/python3/dist-packages/ansible
ansible collection location = /root/.ansible/collections:/usr/share/ansible/collections
executable location = /usr/bin/ansible
python version = 3.12.3 (main, Sep 11 2024, 14:17:37) [GCC 13.2.0] (/usr/bin/python3)
jinja version = 3.1.2 libyaml = True
root@ip-172-31-20-181:~# cd /etc/ansible
-bash: cd: /etc/ansible: No such file or directory
root@ip-172-31-20-181:~# cd /etc/
root@ip-172-31-20-181:/etc# ls
ModemManager
debconf. on initramfs-tools mke2fs.conf
profile.d subuid
debian_version inputrc modprobe.d protocols subud
                                                                                                                                                                                                                                                                                                                profile.d
protocols
python3
python3.12
rc0.d
rc1.d
rc2.d
rc3.d
                                                                                                                                                                                                                                                                                                                                                                       subuid
subuid-
sudo.conf
sudo_logsrvd.conf
sudoers.d
                                                                                                                                                                initramfs-too
inputrc
iproute2
iscsi
issue
issue.net
                                                                      debian_version
default
                                                                                                                                                                                                                         modprobe.d
modules
modules-load.d
mtab
multipath
multipath.conf
                                                                                     deluser.conf
                                                                                     dhcpcd.conf
                                                                                                                                                                                                                             nanoro
                                                                                     dpkg
e2scrub.conf
                                                                                                                                                                                                                           namorc
needrestart
netconfig
                                                                                    ec2_version
environment
ethertypes
fstab
fuse.conf
fwupd
gai.conf
anutls
                                                                                                                                                                                                                                                                                                                                                                        sysstat
systemd
bash.bashrc
bash_completion
bash_completion.d
bindresvport.blacklist
                                                                                                                                                                 ldap
legal
libaudit.conf
libblockdev
libibverbs.d
libnl-3
locale.alias
locale.conf
                                                                                                                                                                                                                                                                                                                   resolv.conf
rmt
rpc
rsyslog.conf
                                                                                                                                                                                                                             newt
nftables.conf
nsswitch.conf
  ca-certificates
ca-certificates.conf
                                                                                                                                                                                                                                                                                                                                                                      udev
udisks2
ufw
update-manager
update-motd.d
                                                                                                                                                                                                                                                                                                                    rsyslog.d
screenrc
                                                                                                                                                                                                                            opt
os-release
overlayroot.conf
overlayroot.local.conf
pam.conf
                                                                                                                                                                  locale.gen
localtime
     onsole-setup
                                                                                      gshadow
gshadow-
                                                                                                                                                                                                                                                                                                                   sensors3.conf
                                                                                                                                                                                                                                                                                                                                                                      usb_modeswitch.conf
usb_modeswitch.d
                                                                                                                                                                  login.defs
logrotate.conf
                                                                                                                                                                                                                                                                                                                   services
```

But I am not any dir file related the ansible so I am creating new dir called ansible.

Under the /etc directory I am created ansible dir.

There I am created the hosts and ansible.cfg files.

```
root@ip-172-31-20-181:/etc/ansible# ls
ansible.cfg hosts

root@ip-172-31-20-181:/etc/ansible# cat ansible.cfg
[defaults]
inventory = /etc/ansible/hosts /
root@ip-172-31-20-181:/etc/ansible# cat hosts
[All]
172.31.24.16
172.31.23.19
[worker_01]
172.31.24.16
[worker_02]
172.31.23.19

root@ip-172-31-20-181:/etc/ansible# pwd
/etc/ansible
```

Here the configuration is Done.

once we check using the ping command. To check the connectivity.

Here I am facing with error.

Generally to connect any server we need password to connect. For AWS instance have pem.key for authentication Purpose.

```
Troot@ip-172-31-20-181:/etc/ansible# ansible all -m ping
The authenticity of host '172.31.23.19 (172.31.23.19)' can't be established.
ED25519 key fingerprint is SHA256:2DMRXByh3ScgClNJWKZEcOHgcsAv2CF+2CMh/Ua4qeM.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? 172.31.24.16 | UNREACHABLE! => {
    "changed": false,
    "msg": "Failed to connect to the host via ssh: root@172.31.24.16: Permission denied (publickey).",
    "unreachable": true
}

172.31.23.19 | UNREACHABLE! => {
    "changed": false,
    "msg": "Failed to connect to the host via ssh: Host key verification failed.",
    "unreachable": true
}

root@ip-172-31-20-181:/etc/ansible# |
```

So we have give the passwordless authentication.

## ssh-authentication-less for ansible you need to follow below steps:

```
1) Login to ansible master
```

- 2) create a ssh keygen ---- ssh-keygen -t rsa
- 3)copy public key ---- cat id\_rsa.pub
- 4) Login to ansible worker node
- 5) create .ssh directory

mkdir .ssh

6) Chnage the ownership to user which is used to login

chmod ec2-user:ec2-user .ssh

7) Change permission to 600

chmod 600 .ssh

8) create a authorized\_keys files

touch authorized\_keys

9) edit the file and paste the ansible master public key

vi authorized\_keys

10) change permissions

chmod 600 authorized\_keys

11) DOne!!

Here I am generated the ssh-keygen. Now I want to copy the id\_rsa.pub key this key I want to copy and this key transfer to worker node copy the authorised keys.

Now I want to login in worker node copy.

Here I am login Ansiblenode01 there I am copied the our key.

```
ubuntu@AnsibleNode01:~$ sudo su -
root@AnsibleNode01:~# cd .ssh
root@AnsibleNode01:~/.ssh# ls
authorized_keys
root@AnsibleNode01:~/.ssh# vi authorized_keys
root@AnsibleNode01:~/.ssh# |
```

Like this we want to give.

```
ssh-rsa AAAAB3NzaClyc2EAAAADAQABAAABgQDL/LaAcIU6bjipl92RTKG1zPBMUNSc5QL+6be3NawLliNLTwuja6V7LYnA05Cqxsxi/0Xz6se/Y7j0xM82/V21A
KutPVJnhP/a1RIwxtJVxxr+dh8DUva8o05z7Luef4VWFCU3371nlbD59kw3yAcg3X4B5BKzVRhjtan Jh75EGL4K7izZWBKkyxPu3yJq46LZicKS0ip5vl7rZ5+ON
30/yRBc+CICjnas/u54WeHUlcjRfYhmRrXX/WPTSvUtAU8i3lxi2GBrZ4QXLX57MtOaQ3pX7k7LXrhp3/LFHpL6ne6Idhb/69htMeDb7Zw35Dc0gM91A+YSLAMKKej
zQjBMfsNTJmvUd5jBN97KMi5udhOorraktvIFskEJ72zjFmbkieljlujEuUukOoF0KHYGVXMfXAHyY09XmIgxNpfN+qvndmL6Igx+z355AmUkeAFDSWxd2ZC3TUXi
rgJG5aNtPZTpMzE++RsT+QjpYAR+yu7VW9UohAdhMAdWi445Y7c= root@AnsibleMaster

no-port-forwarding,no-agent-forwarding,no-X11-forwarding,command="echo 'Please login as the user \"ubuntu\" rather than the u
ser \"root\".';echo;sleep 10;exit 142" ssh-rsa AAAAB3NzaClyc2EAAAADAQABAAABAQCENOYuir88tBNp8oA3DlqmrUDfLIzaCR9khFyXVKzQoUUXVR
jvhQoZDA+eAcTZ7xml/c6qcaVrt7zjdGo9g3G3RGPU7bc2hTwm04bfxcqJAPbul8sZy9df6JXSoN2oyDCtIPVHiVce3wHIXrEriXLMy0oHzM3/ko3XAKaJCRLDjs1
umDIsqjb+lhiCmNwmzOOjrpfa5oFU0VnPvDKa+QjEAK1FSqHKivpsnh7SLbNcnvCiEEUSDwt195D3KMa6M4FhOG66IsBaFDpLsr0SrhOfho4c4+C7bJK0stJMlaRw
nLdHuxZHQcoumgY0MulcwW8AnGwuDh59ogfo1EToVuEZ Ncalifornia
```

Do same thing in Ansiblenode02

```
Interview of the control of the cont
```

Now pass wordless authentication is Done.

Now we able to connect two worker nodes from ansibleMaster server.

```
root@AnsibleMaster:~# ansible all -m ping
The authenticity of host '172.31.23.19 (172.31.23.19)' can't be established.
ED25519 key fingerprint is SHA256:2DMRXByh3ScgClNJWKZEcOHgcsAv2CF+2CMh/Ua4qeM.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? 172.31.24.16 | SUCCESS => {
    "ansible_facts": {
        "discovered_interpreter_python": "/usr/bin/python3"
    },
    "changed": false,
    "ping": "pong"
}
yes
172.31.23.19 | SUCCESS => {
    "ansible_facts": {
        "discovered_interpreter_python": "/usr/bin/python3"
        },
        "changed": false,
        "ping": "pong"
}
root@AnsibleMaster:~# |
```

Now the configuration is Done.

2) Execute the adhoc command shared in #dvps-cloud-documents Channel.

#### CMD: ansible all -m setup

The ansible all -m setup command gathers detailed system facts from all hosts in the inventory, including both master and worker nodes. It provides information like OS, memory, CPU, network interfaces, and more for each host.

CMD: ansible all -a uptime ---- The command ansible all -a uptime runs the uptime command on all hosts in the inventory, displaying the system's uptime (how long the system has been running).

```
root@AnsibleMaster:~# ansible all -a uptime

172.31.24.16 | CHANGED | rc=0 >>

12:16:59 up 4 min, 1 user, load average: 0.01, 0.07, 0.04

172.31.23.19 | CHANGED | rc=0 >>

12:16:59 up 4 min, 1 user, load average: 0.01, 0.04, 0.01

root@AnsibleMaster:~#
```

CMD: ansible all -a "free -m" ---- runs the free -m command on all hosts in the inventory, displaying memory usage in megabytes on each host.

Here installed option not working so this given some option to use.

```
root@AnsibleMaster:~# ansible all -m apt -a "name=apache2 state=installed"
172.31.23.19 | FAILED! => {
    "ansible_facts": {
        "discovered_interpreter_python": "/usr/bin/python3"
    },
    "changed": false,
    "msg": "value of state must be one of: absent, build-dep, fixed, latest, present, got: installed"
}
172.31.24.16 | FAILED! => {
    "ansible_facts": {
        "discovered_interpreter_python": "/usr/bin/python3"
    },
    "changed": false,
    "msg": "value of state must be one of: absent, build-dep, fixed, latest, present, got: installed"
```

CMD: **ansible all -m apt -a ''name=apache2 state=latest''** --- installs the apache2 package to the latest version on all hosts in the inventory using the apt package manager.

```
root@AnsibleMaster:~# ansible all -m apt -a "name=apache2 state=latest"

172.31.24.16 | CHANGED => {
    "ansible_facts": {
        "discovered_interpreter_python": "/usr/bin/python3"
    },
        "cache_update_time": 1727426509,
        "cache_updated": false,
        "changed": true,
        "stderr": "",
        "stderr": "",
        "stderr": "",
        "stderr": "",
        "stderr": "",
        "stderr": "",
        "stderr": "|
        "stderr": "Againg package lists...\nBuilding dependency tree...\nReading state information...\nThe follow ing additional packages will be installed:\n apache2-bin apache2-data apache2-utils libaprit64 libaprutill-db d-sqlite3\n libaprutill-ldap libaprutillt64 liblua5.4-0 ssl-cert\nSuggested packages:\n apache2-doc apache2-suexec-poristine | apache2-suexec-custom www-browser\nThe following NEW packages will be installed:\n apache2 apache2-bin apache2-data apache2-utils libaprit64\n libaprutill-dbd-sqlite3 libaprutill-ldap libaprutillt64 liblua5.4-0 ssl-cert\n0 upgraded, i0 newly installed, 0 to remove and 0 not upgraded.\nNeed to get 2084 kB of a rchives.\nAfter this operation, 8094 kB of additional disk space will be used.\nGet:1 http://us-west-l.ec2.arc hive.ubuntu.com/ubuntu noble-main amd64 libaprutill-dbd-sqlite3 amd64 lio.3-1.lubuntu7 [91.9 kB]\nGet:2 http://us-west-l.ec2.archive.ubuntu.com/ubuntu noble/main amd64 libaprutill-dbd-sqlite3 amd64 lio.3-1.lubuntu7 [11.2 kB]\nGet:4 http://us-west-l.ec2.archive.ubuntu.com/ubuntu noble/main amd64 libaprutill-dbd-sqlite3 amd64 lio.3-1.lubuntu7 [11.2 kB]\nGet:4 http://us-west-l.ec2.archive.ubuntu.com/ubuntu noble/main amd64 libaprutill-dbd-sqlite3 amd64 lio.3-1.lubuntu7 [11.2 kB]\nGet:6 http://us-west-l.ec2.archive.ubuntu.com/ubuntu noble/main amd64 libaprutill-dbd-sqlite3 amd64 lio.3-1.lubuntu7 [11.2 kB]\nGet:6 http://us-west-l.ec2.archive.ubuntu.com/ubuntu noble-main amd64 apache2-bin amd64 liolaprutill-dap amd64 liolaprutill-dap amd64 liolaprutill-dap amd64 liolaprutill-dap amd64 liolaprutill-dap amd64 liolaprutill-dap a
```

Now we have to check the server apache2 is installed or not and check the status manually.

This is node01 here our apache2 status running.

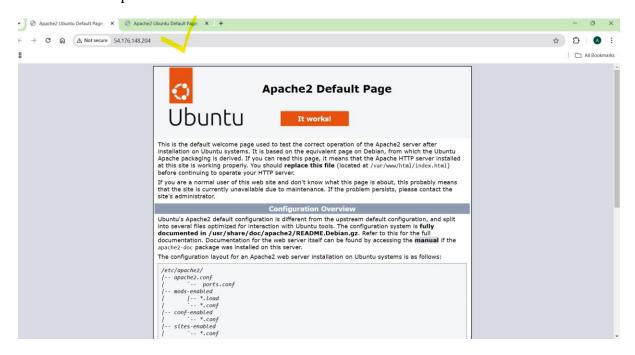
```
apache2 status running.

buntu@AnsibleNode@1:-$ sudo systemctl status apache2
apache2.service - The Apache HTTP Server
Loaded: loaded (/usr/lib/systemd/system/apache2.service; | nabled; preset: enabled)
Active: active (running) since Tue 2024-11-05 12:59:35 UC; 13min ago
Docs: https://httpd.apache.org/docs/2.4/
Main PID: 2615 (apache2)
Tasks: 55 (limit: 1130)
Memory: 5.3M (peak: 5.5M)
CPU: 70ms
CGroup: /system.slice/
                                            —2615 /usr/sbin/apache2 -k start
—2618 /usr/sbin/apache2 -k start
—2619 /usr/sbin/apache2 -k start
Nov 05 12:59:35 AnsibleNode01 systemd[1]: Starting apache2.service - The Apache HTTP Server...
Nov 05 12:59:35 AnsibleNode01 systemd[1]: Started apache2.service - The Apache HTTP Server.
ubuntu@AnsibleNode01:~$ |
```

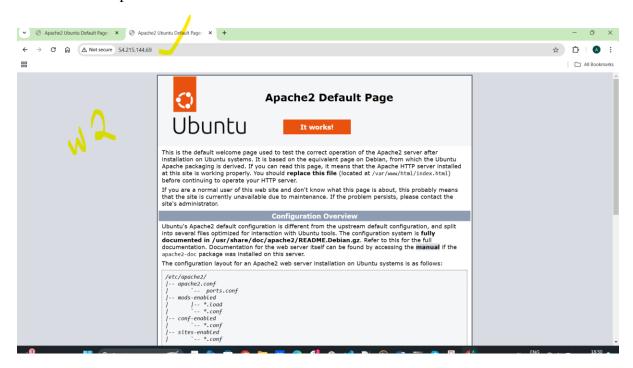
This is node02 here our apache2 status running.

```
buntu@AnsibleNode02:~$ sudo systemctl status apache2
apache2.service - The Apache HTTP Server
Loaded: loaded (/usr/lib/systemd/system/apache2.service; enabled; preset: enabled)
Active: active (running) since Tue 2024-11-05 12:59:35 UTC; 13min ago
Docs: https://httpd.apache.org/docs/2.4/
Main PID: 2258 (apache2)
Tasks: 55 (limit: 1130)
Memory: 5.3M (peak: 5.5M)
CPU: 70ms
CGroup: /system.slice/apache2.service
H=2258 /usr/sbin/apache2 -k start
                                         -2258 /usr/sbin/apache2 -k start
-2261 /usr/sbin/apache2 -k start
-2262 /usr/sbin/apache2 -k start
Nov 05 12:59:35 AnsibleNode02 systemd[1]: Starting apache2.service - The Apache HTTP Server...
Nov 05 12:59:35 AnsibleNode02 systemd[1]: Started apache2.service - The Apache HTTP Server.
           ntu@AnsibleNode02:~$
```

#### This is node01 ip.



### This is node02 ip.



# CMD: ansible all -m shell -a ''cat /etc/passwd | grep -i ubuntu'' -b -u ubuntu --private-key /home/ubuntu/Ncalifornia.pem

The command uses Ansible to run a shell command that searches for "ubuntu" in the /etc/passwd file on all servers as the ubuntu user with elevated privileges using a specified private key.

```
root@AnsibleMaster:~# ansible all -m /hell -a "cat /etc/passwd | grep -i ubuntu" -b -u ubuntu --private-key /h
ome/ubuntu/Ncalifornia.pem
172.31.24.16 | CHANGED | rc=0 >>
ubuntu:x:1000:1000:Ubuntu:/home/ubuntu:/bin/bash
172.31.23.19 | CHANGED | rc=0 >>
ubuntu:x:1000:1000:Ubuntu:/home/ubuntu:/bin/bash
root@AnsibleMaster:~# |
```

To connect to AWS instances as the ubuntu user, we use a PEM key instead of a password since AWS automatically sets up this user without a password. The command runs an Ansible shell module to check if the ubuntu user exists by searching /etc/passwd. We specify the PEM key (Ncalifornia.pem) for secure login and include the necessary options for the Ansible command to execute on all targeted instances.

To transfer pemkey local to Ansible master.

```
PS C:\Users\ramee\downloads> scp -i .\Ncalifornia.pem .\Ncalifornia.pem ubuntu@13.57.194.72:~
Ncalifornia.pem
PS C:\Users\ramee\downloads> |

100% 1674 7.0KB/s 00:00
```

Now we need to change the permissions of file.

```
ubuntu@AnsibleMaste :~$ ls
Ncalifornia.pem
ubuntu@AnsibleMaster:~$ pwd
/home/ubuntu
ubuntu@AnsibleMaster:~$ chmod 600 Ncalifornia.pem
```

CMD: ansible all -m file -a "path=/home/ubuntu/testfile state=touch mode=0755"

This Ansible command creates an empty file called testfile at /home/ubuntu/ on all targeted hosts if it doesn't already exist. It also sets the file's permissions to 0755, allowing the owner full access and read/execute permissions for others.

```
root@AnsibleMaster:~# ansible all -m file -a "path=/home/ubuntu/testfile state=touch mode=0755"
172.31.23.19 | CHANGED => {
    "ansible_facts": {
        "discovered_interpreter_python": "/usr/bin/python3"
    },
    "changed": true,
    "dest": "/home/ubuntu/testfile",
    "gid": 0,
    "group": "root",
    "mode": "0755",
    "owner": "root",
    "size": 0,
    "state": "file",
    "uid": 0
}
172.31.24.16 | CHANGED => {
        "ansible_facts": {
            "discovered_interpreter_python": "/usr/bin/python3"
        },
        "changed": true,
        "dest": "/home/ubuntu/testfile",
        "gid": 0,
        "group": "root",
        "mode": "0755",
        "owner": "root",
        "size": 0,
        "state": "file",
        "uid": 0
```

Now we have to check two worker node's.

File created with whatever we given permission.

```
ubuntu@AnsibleNode01:~$ ls
testfile
ubuntu@AnsibleNode01:~$ ls -l
total 0
-rwxr-xr-x 1 root root 0 Nov 5 14:46 testfile
ubuntu@AnsibleNode01:~$ |

ubuntu@AnsibleNode02:~$ ls
testfile
ubuntu@AnsibleNode02:~$ ls -l
total 0
-rwxr-xr-x 1 root root 0 Nov 5 14:46 testfile
ubuntu@AnsibleNode02:~$ |
```

Done.

Now I am changing the file permissions of testfile.

CMD: ansible all -m file -a "path=/home/ubuntu/testfile group=ubuntu owner=ubuntu" -b

This command uses Ansible to set both the owner and group of the file /home/ubuntu/testfile to ubuntu on all targeted nodes. The -b option is used to run this command with sudo privileges, ensuring the permissions are modified successfully.

```
root@AnsibleMaster:-# ansible all -m file -a "path=/home/ubuntu/testfile froup=ubuntu owner=ubuntu" -b
172.31.24.16 | CHANGED => {
    "ansible_facts': {
        "discovered_interpreter_python": "/usr/bin/python3"
    },
    "changed": true,
    "gid": 1880,
    "group": "ubuntu",
    "node": "9755",
    "owner": "ubuntu",
    "path": "/home/ubuntu/testfile",
    "size": 0,
    "state": "file",
    "discovered_interpreter_python": "/usr/bin/python3"
    },
    "changed": true,
    "gid": 1880,
    "group": "ubuntu",
    "mode": 1898,
    "group": "ubuntu",
    "mode": "9755",
    "owner": "ubuntu",
    "path: "/home/ubuntu/testfile",
    "size": 0,
    "state": "file",
    "uid": 1880

ubuntu@AnsibleNode01:~$ ls -l
total 0
    -rwxr-xr-x 1 ubuntu ubuntu 0 Nov 5 14:46 testfile
ubuntu@AnsibleNode02:~$ ls -l
total 0
    -rwxr-xr-x 1 ubuntu ubuntu 0 Nov 5 14:46 testfile
ubuntu@AnsibleNode02:-$ |
```

Done.