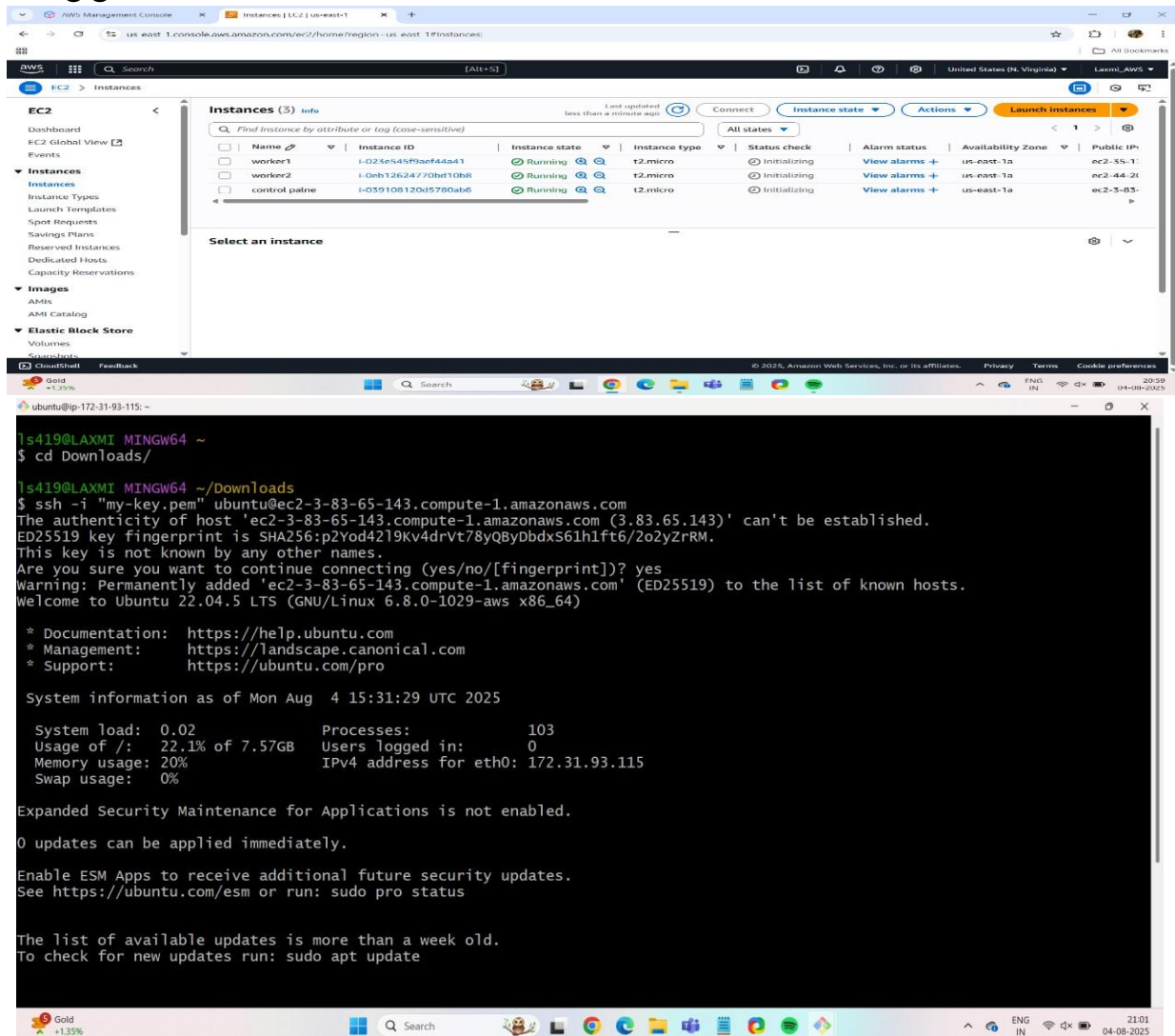


Name :- Laxmi Swami

Topic :- Ansible Module

TASK 1 :- Go through various module like file, copy, fetch and service.

STEP 1 :- First start the instances which we stopped. Connect control-plane using gitbash.



STEP 2 :- Now to create a file fetch below command

ansible all -i /etc/ansible/hosts -m file -a 'name=/tmp/aws state=touch' -b

Check file created in worker node or not.

```
ubuntu@ip-172-31-87-161:~$ ssh ls
ubuntu@ip-172-31-87-161:~$ ssh$ ls
authorized_keys id_rsa id_rsa.pub known_hosts known_hosts.old
ubuntu@ip-172-31-87-161:~$ ssh$
ubuntu@ip-172-31-87-161:~$ ssh$ ansible all -i /etc/ansible/hosts -m file -a 'name=/tmp/aws state=touch' -b
[WARNING]: Platform linux on host 172.31.83.32 is using the discovered Python interpreter at /usr/bin/python3.10, but future installation of
another Python interpreter could change the meaning of that path. See https://docs.ansible.com/ansible-
core/2.17/reference_appendices/interpreter_discovery.html for more information.
172.31.83.32 | CHANGED => {
  "ansible_facts": {
    "discovered_interpreter_python": "/usr/bin/python3.10"
  },
  "changed": true,
  "dest": "/tmp/aws",
  "gid": 0,
  "group": "root",
  "mode": "0644",
  "owner": "root",
  "size": 0,
  "state": "file",
  "uid": 0
}
[WARNING]: Platform linux on host 172.31.82.189 is using the discovered Python interpreter at /usr/bin/python3.10, but future installation of
another Python interpreter could change the meaning of that path. See https://docs.ansible.com/ansible-
core/2.17/reference_appendices/interpreter_discovery.html for more information.
172.31.82.189 | CHANGED => {
  "ansible_facts": {
    "discovered_interpreter_python": "/usr/bin/python3.10"
  },
  "changed": true,
  "dest": "/tmp/aws",
  "gid": 0,
  "group": "root",
  "mode": "0644",
  "owner": "root",
  "size": 0,
  "state": "file",
  "uid": 0
}
ubuntu@ip-172-31-87-161:~$ ssh$ ssh 172.31.82.189
welcome to Ubuntu 22.04.5 LTS (GNU/Linux 6.8.0-1029-aws x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:        https://ubuntu.com/pro

System information as of Tue Aug 5 15:41:56 UTC 2025

System load: 0.0          Processes:           104
Usage of /: 25.3% of 7.57GB Users logged in:           0
Memory usage: 20%         IPv4 address for eth0: 172.31.82.189
Swap usage: 0%

Expanded Security Maintenance for Applications is not enabled.

92 updates can be applied immediately.
80 of these updates are standard security updates.
To see these additional updates run: apt list --upgradable

Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status

New release '24.04.2 LTS' available.

ubuntu@ip-172-31-82-189:~$ ls
authorized_keys
ubuntu@ip-172-31-82-189:~$ cd /tmp
ubuntu@ip-172-31-82-189:~/tmp$ ls
authorized_keys
ubuntu@ip-172-31-82-189:~/tmp$ cd /etc/tmp
-bash: cd: /etc/tmp: No such file or directory
ubuntu@ip-172-31-82-189:~/tmp$ cd /tmp
ubuntu@ip-172-31-82-189:~/tmp$ ls
aws
snap-private-tmp
systemd-private-e247f59a9e834d529283b11818d467a2-chrony.service-6BKAH8
systemd-private-e247f59a9e834d529283b11818d467a2-systemd-logind.service-dNEpvu
systemd-private-e247f59a9e834d529283b11818d467a2-systemd-resolved.service-INc1lv
ubuntu@ip-172-31-82-189:~/tmp$
```

STEP3:- Now similarly create a folder using below command and check it is available in worker node or not.

ansible all -i /etc/ansible/hosts -m file -a 'name=/tmp/devops state=directory'

```
ubuntu@ip-172-31-87-161: ~/.ssh$
ubuntu@ip-172-31-87-161: ~/.ssh$ ansible all -i /etc/ansible/hosts -m file -a 'name=/tmp/devops state=directory' -b
[WARNING]: Platform linux on host 172.31.83.32 is using the discovered Python interpreter at /usr/bin/python3.10, but future installation of
another Python interpreter could change the meaning of that path. See https://docs.ansible.com/ansible-
core/2.17/reference_appendices/interpreter_discovery.html for more information.
172.31.83.32 | CHANGED => {
  "ansible_facts": {
    "discovered_interpreter_python": "/usr/bin/python3.10"
  },
  "changed": true,
  "gid": 0,
  "group": "root",
  "mode": "0755",
  "owner": "root",
  "path": "/tmp/devops",
  "size": 4096,
  "state": "directory",
  "uid": 0
}
[WARNING]: Platform linux on host 172.31.82.189 is using the discovered Python interpreter at /usr/bin/python3.10, but future installation of
another Python interpreter could change the meaning of that path. See https://docs.ansible.com/ansible-
core/2.17/reference_appendices/interpreter_discovery.html for more information.
172.31.82.189 | CHANGED => {
  "ansible_facts": {
    "discovered_interpreter_python": "/usr/bin/python3.10"
  },
  "changed": true,
  "gid": 0,
  "group": "root",
  "mode": "0755",
  "owner": "root",
  "path": "/tmp/devops",
  "size": 4096,
  "state": "directory",
  "uid": 0
}
ubuntu@ip-172-31-87-161: ~/.ssh$
ubuntu@ip-172-31-87-161: ~/.ssh$
ubuntu@ip-172-31-87-161: ~/.ssh$
ubuntu@ip-172-31-87-161: ~/.ssh$
ubuntu@ip-172-31-87-161: ~/.ssh$
```

```
ubuntu@ip-172-31-83-32: /tmp$
ubuntu@ip-172-31-87-161: ~/.ssh$
ubuntu@ip-172-31-87-161: ~/.ssh$
ubuntu@ip-172-31-87-161: ~/.ssh$
ubuntu@ip-172-31-87-161: ~/.ssh$ ssh 172.31.83.32
welcome to Ubuntu 22.04.5 LTS (GNU/Linux 6.8.0-1029-aws x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/pro

System information as of Tue Aug 5 15:44:05 UTC 2025

System load: 0.0          Processes: 102
Usage of /: 25.3% of 7.57GB Users logged in: 0
Memory usage: 19%        IPv4 address for eth0: 172.31.83.32
Swap usage: 0%

Expanded Security Maintenance for Applications is not enabled.

92 updates can be applied immediately.
80 of these updates are standard security updates.
To see these additional updates run: apt list --upgradable

Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status

New release '24.04.2 LTS' available.
Run 'do-release-upgrade' to upgrade to it.

Last login: Tue Aug 5 15:44:52 2025 from 172.31.87.161
ubuntu@ip-172-31-83-32:~$
ubuntu@ip-172-31-83-32:~$
ubuntu@ip-172-31-83-32:~$ cd /tmp
ubuntu@ip-172-31-83-32: /tmp$ ls
aws                systemd-private-05f9db073db34d0e856ea7a92723f479-chrny.service-d12NBX
devops              systemd-private-05f9db073db34d0e856ea7a92723f479-systemd-logind.service-15k2Zj
snap-private-tmp    systemd-private-05f9db073db34d0e856ea7a92723f479-systemd-resolved.service-5tcOd
ubuntu@ip-172-31-83-32: /tmp$
```

STEP 4 :- Now to remove file using below command **ansible all -i /etc/ansible/hosts -m file -a 'name=/tmp/aws state=absent' -b** check it is deleted or not by going in any worker node.

```
ubuntu@ip-172-31-82-189: ~$
ubuntu@ip-172-31-82-189: /tmp$ cd ..
ubuntu@ip-172-31-82-189: /$ exit
logout
Connection to 172.31.82.189 closed.
ubuntu@ip-172-31-87-161: ~/.ssh$ ansible all -i /etc/ansible/hosts -m file -a 'name=/tmp/aws state=absent' -b
[WARNING]: Platform linux on host 172.31.83.32 is using the discovered Python interpreter at /usr/bin/python3.10, but future installation of
another Python interpreter could change the meaning of that path. See https://docs.ansible.com/ansible-
core/2.17/reference_appendices/interpreter_discovery.html for more information.
172.31.83.32 | CHANGED => {
  "ansible_facts": {
    "discovered_interpreter_python": "/usr/bin/python3.10"
  },
  "changed": true,
  "path": "/tmp/aws",
  "state": "absent"
}
[WARNING]: Platform linux on host 172.31.82.189 is using the discovered Python interpreter at /usr/bin/python3.10, but future installation of
another Python interpreter could change the meaning of that path. See https://docs.ansible.com/ansible-
core/2.17/reference_appendices/interpreter_discovery.html for more information.
172.31.82.189 | CHANGED => {
  "ansible_facts": {
    "discovered_interpreter_python": "/usr/bin/python3.10"
  },
  "changed": true,
  "path": "/tmp/aws",
  "state": "absent"
}
ubuntu@ip-172-31-87-161: ~/.ssh$
ubuntu@ip-172-31-87-161: ~/.ssh$
ubuntu@ip-172-31-87-161: ~/.ssh$
ubuntu@ip-172-31-87-161: ~/.ssh$ ssh 172.31.82.189
welcome to Ubuntu 22.04.5 LTS (GNU/Linux 6.8.0-1029-aws x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/pro

System information as of Tue Aug 5 15:55:55 UTC 2025

System load: 0.0          Processes: 101
Usage of /: 25.3% of 7.57GB Users logged in: 0
```

```
ubuntu@ip-172-31-82-189: /tmp
}
ubuntu@ip-172-31-87-161: ~/.ssh$
ubuntu@ip-172-31-87-161: ~/.ssh$
ubuntu@ip-172-31-87-161: ~/.ssh$
ubuntu@ip-172-31-87-161: ~/.ssh$ ssh 172.31.82.189
Welcome to Ubuntu 22.04.5 LTS (GNU/Linux 6.8.0-1029-aws x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/pro

System information as of Tue Aug 5 15:55:55 UTC 2025

System load: 0.0          Processes: 101
Usage of /: 25.3% of 7.57GB Users logged in: 0
Memory usage: 19%        IPv4 address for eth0: 172.31.82.189
Swap usage: 0%

Expanded Security Maintenance for Applications is not enabled.

92 updates can be applied immediately.
80 of these updates are standard security updates.
To see these additional updates run: apt list --upgradable

Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status

New release '24.04.2 LTS' available.
Run 'do-release-upgrade' to upgrade to it.

Last login: Tue Aug 5 15:55:56 2025 from 172.31.87.161
ubuntu@ip-172-31-82-189:~$ cd /tmp
ubuntu@ip-172-31-82-189:/tmp$ ls
devops
snap-private-tmp
systemd-private-e247f59a9e834d529283b11818d467a2-chrond.service-68kAH8
systemd-private-e247f59a9e834d529283b11818d467a2-systemd-logind.service-dNEpVU
systemd-private-e247f59a9e834d529283b11818d467a2-systemd-resolved.service-1Nc1v
ubuntu@ip-172-31-82-189:/tmp$ |
```

STEP 5 :- Now remove the file from 172.31.88.231 IP address worker node by fetching below command

ansible 172.31.83.32 -i /etc/ansible/hosts -m file -a 'name=/tmp/devops state=absent' -b

```
ubuntu@ip-172-31-87-161: ~/.ssh$
ubuntu@ip-172-31-87-161: ~/.ssh$ ansible 172.31.83.32 -i /etc/ansible/hosts -m file -a 'name=/tmp/devops state=absent' -b
[WARNING]: Platform linux on host 172.31.83.32 is using the discovered Python interpreter at /usr/bin/python3.10, but future installation of
another Python interpreter could change the meaning of that path. See https://docs.ansible.com/ansible-
core/2.17/reference_appendices/interpreter_discovery.html for more information.
172.31.83.32 | CHANGED => {
  "ansible_facts": {
    "discovered_interpreter_python": "/usr/bin/python3.10"
  },
  "changed": true,
  "path": "/tmp/devops",
  "state": "absent"
}
ubuntu@ip-172-31-87-161: ~/.ssh$ |
```



```
ubuntu@ip-172-31-83-32: /tmp
"changed": true,
"path": "/tmp/devops",
"state": "absent"
}
ubuntu@ip-172-31-87-161:~/.ssh$
ubuntu@ip-172-31-87-161:~/.ssh$ ssh 172.31.83.32
Welcome to Ubuntu 22.04.5 LTS (GNU/Linux 6.8.0-1029-aws x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/pro

System information as of Tue Aug 5 15:58:17 UTC 2025

System load:  0.0          Processes:      101
Usage of /:   25.3% of 7.57GB   Users logged in: 0
Memory usage: 20%          IPv4 address for eth0: 172.31.83.32
Swap usage:  0%

Expanded Security Maintenance for Applications is not enabled.

92 updates can be applied immediately.
80 of these updates are standard security updates.
To see these additional updates run: apt list --upgradable

Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status

New release '24.04.2 LTS' available.
Run 'do-release-upgrade' to upgrade to it.

Last login: Tue Aug 5 15:58:17 2025 from 172.31.87.161
ubuntu@ip-172-31-83-32:~$ cd /tmp
ubuntu@ip-172-31-83-32:/tmp$ ls
snap-private-tmp
systemd-private-05f9db073db34d0e856ea7a92723f479-chrond.service-d12NBX
systemd-private-05f9db073db34d0e856ea7a92723f479-systemd-logind.service-L5k2zj
systemd-private-05f9db073db34d0e856ea7a92723f479-systemd-resolved.service-StcC0d
ubuntu@ip-172-31-83-32:/tmp$
```

TASK 2 :- Now run some commands for copy module.

STEP 1 :- using the following command for copying the content from master

node to worker nodes **ansible all -i /etc/ansible/hosts -m copy -a**

'src=/etc/passwd dest=/tmp' -b

Here the data from /etc/passwd from master node will be copied to /tmp destination of both the worker nodes.

```
ubuntu@ip-172-31-87-161:~/.ssh$
/home/ubuntu/.ssh
ubuntu@ip-172-31-87-161:~/.ssh$ ansible all -i /etc/ansible/hosts -m copy -a 'src=/etc/passwd dest=/tmp' -b
[WARNING]: Platform linux on host 172.31.83.32 is using the discovered Python interpreter at /usr/bin/python3.10, but future installation of
another Python interpreter could change the meaning of that path. See https://docs.ansible.com/ansible-
core/2.17/reference_appendices/interpreter_discovery.html for more information.
172.31.83.32 | CHANGED => {
  "ansible_facts": {
    "discovered_interpreter_python": "/usr/bin/python3.10"
  },
  "changed": true,
  "checksum": "79bd90b96f158841a017f3a1c90ea3c9d530e99b",
  "dest": "/tmp/passwd",
  "gid": 0,
  "group": "root",
  "md5sum": "4fbfa67d32199c51213b47f19bd690de",
  "mode": "0644",
  "owner": "root",
  "size": 1900,
  "src": "/home/ubuntu/.ansible/tmp/ansible-tmp-1754409807.1486285-2650-234018241657030/.source",
  "state": "file",
  "uid": 0
}
[WARNING]: Platform linux on host 172.31.82.189 is using the discovered Python interpreter at /usr/bin/python3.10, but future installation of
another Python interpreter could change the meaning of that path. See https://docs.ansible.com/ansible-
core/2.17/reference_appendices/interpreter_discovery.html for more information.
172.31.82.189 | CHANGED => {
  "ansible_facts": {
    "discovered_interpreter_python": "/usr/bin/python3.10"
  },
  "changed": true,
  "checksum": "79bd90b96f158841a017f3a1c90ea3c9d530e99b",
  "dest": "/tmp/passwd",
  "gid": 0,
  "group": "root",
  "md5sum": "4fbfa67d32199c51213b47f19bd690de",
  "mode": "0644",
  "owner": "root",
  "size": 1900,
  "src": "/home/ubuntu/.ansible/tmp/ansible-tmp-1754409807.1638095-2651-217315418166937/.source",
  "state": "file",
  "uid": 0
}
```

```
ubuntu@ip-172-31-83-32:~$ cat /etc/passwd
root:x:0:0:root:/root:/bin/bash
daemon:x:1:1:daemon:/usr/sbin:/usr/sbin/nologin
bin:x:2:2:bin:/bin:/usr/sbin/nologin
sys:x:3:3:sys:/dev:/usr/sbin/nologin
sync:x:4:65534:sync:/bin:/bin/sync
games:x:5:60:games:/usr/games:/usr/sbin/nologin
man:x:6:12:man:/var/cache/man:/usr/sbin/nologin
lp:x:7:7:lp:/var/spool/lpd:/usr/sbin/nologin
mail:x:8:8:mail:/var/mail:/usr/sbin/nologin
news:x:9:9:news:/var/spool/news:/usr/sbin/nologin
uucp:x:10:10:uucp:/var/spool/uucp:/usr/sbin/nologin
proxy:x:13:13:proxy:/bin:/usr/sbin/nologin
www-data:x:33:33:www-data:/var/www:/usr/sbin/nologin
backup:x:34:34:backup:/var/backups:/usr/sbin/nologin
list:x:38:38:Mailing List Manager:/var/list:/usr/sbin/nologin
irc:x:39:39:ircd:/run/ircd:/usr/sbin/nologin
gnats:x:41:41:Gnats Bug-Reporting System (admin):/var/lib/gnats:/usr/sbin/nologin
nobody:x:65534:65534:nobody:/nonexistent:/usr/sbin/nologin
systemd-network:x:100:102:systemd Network Management,,:/run/systemd:/usr/sbin/nologin
systemd-resolve:x:101:103:systemd Resolver,,:/run/systemd:/usr/sbin/nologin
messagebus:x:102:105:/:/nonexistent:/usr/sbin/nologin
systemd-timesync:x:103:106:systemd Time Synchronization,,:/run/systemd:/usr/sbin/nologin
syslog:x:104:111:/home/syslog:/usr/sbin/nologin
_apt:x:105:65534:/:/nonexistent:/usr/sbin/nologin
tss:x:106:112:TPM software stack,,:/var/lib/tpm:/bin/false
uuidd:x:107:113:/:/run/uuidd:/usr/sbin/nologin
tcpdump:x:108:114:/:/nonexistent:/usr/sbin/nologin
sshd:x:109:65534:/:/run/sshd:/usr/sbin/nologin
pollinate:x:110:1:/:/var/cache/pollinate:/bin/false
landscape:x:111:116:/:/var/lib/landscape:/usr/sbin/nologin
fwupd-refresh:x:112:117:fwupd-refresh user,,:/run/systemd:/usr/sbin/nologin
ec2-instance-connect:x:113:65534:/:/nonexistent:/usr/sbin/nologin
_chrony:x:114:121:chrony daemon,,:/var/lib/chrony:/usr/sbin/nologin
ubuntu:x:1000:1000:/home/ubuntu:/bin/bash
lxd:x:999:100:/:/var/snap/lxd/common/lxd:/bin/false
laxmi:x:1001:1001:/:/home/laxmi:/bin/sh

/etc/passwd 36L, 1939B
```

```
ubuntu@ip-172-31-83-32:~$ sudo vi /etc/passwd
Last login: Tue Aug 5 16:03:28 2025 from 172.31.87.161
ubuntu@ip-172-31-83-32:~$ cat /etc/passwd
root:x:0:0:root:/root:/bin/bash
daemon:x:1:1:daemon:/usr/sbin:/usr/sbin/nologin
bin:x:2:2:bin:/bin:/usr/sbin/nologin
sys:x:3:3:sys:/dev:/usr/sbin/nologin
sync:x:4:65534:sync:/bin:/bin/sync
games:x:5:60:games:/usr/games:/usr/sbin/nologin
man:x:6:12:man:/var/cache/man:/usr/sbin/nologin
lp:x:7:7:lp:/var/spool/lpd:/usr/sbin/nologin
mail:x:8:8:mail:/var/mail:/usr/sbin/nologin
news:x:9:9:news:/var/spool/news:/usr/sbin/nologin
uucp:x:10:10:uucp:/var/spool/uucp:/usr/sbin/nologin
proxy:x:13:13:proxy:/bin:/usr/sbin/nologin
www-data:x:33:33:www-data:/var/www:/usr/sbin/nologin
backup:x:34:34:backup:/var/backups:/usr/sbin/nologin
list:x:38:38:Mailing List Manager:/var/list:/usr/sbin/nologin
irc:x:39:39:ircd:/run/ircd:/usr/sbin/nologin
gnats:x:41:41:Gnats Bug-Reporting System (admin):/var/lib/gnats:/usr/sbin/nologin
nobody:x:65534:65534:nobody:/nonexistent:/usr/sbin/nologin
systemd-network:x:100:102:systemd Network Management,,:/run/systemd:/usr/sbin/nologin
systemd-resolve:x:101:103:systemd Resolver,,:/run/systemd:/usr/sbin/nologin
messagebus:x:102:105:/:/nonexistent:/usr/sbin/nologin
systemd-timesync:x:103:106:systemd Time Synchronization,,:/run/systemd:/usr/sbin/nologin
syslog:x:104:111:/home/syslog:/usr/sbin/nologin
_apt:x:105:65534:/:/nonexistent:/usr/sbin/nologin
tss:x:106:112:TPM software stack,,:/var/lib/tpm:/bin/false
uuidd:x:107:113:/:/run/uuidd:/usr/sbin/nologin
tcpdump:x:108:114:/:/nonexistent:/usr/sbin/nologin
sshd:x:109:65534:/:/run/sshd:/usr/sbin/nologin
pollinate:x:110:1:/:/var/cache/pollinate:/bin/false
landscape:x:111:116:/:/var/lib/landscape:/usr/sbin/nologin
fwupd-refresh:x:112:117:fwupd-refresh user,,:/run/systemd:/usr/sbin/nologin
ec2-instance-connect:x:113:65534:/:/nonexistent:/usr/sbin/nologin
_chrony:x:114:121:chrony daemon,,:/var/lib/chrony:/usr/sbin/nologin
ubuntu:x:1000:1000:/home/ubuntu:/bin/bash
lxd:x:999:100:/:/var/snap/lxd/common/lxd:/bin/false
laxmi:x:1001:1001:/:/home/laxmi:/bin/sh
ubuntu@ip-172-31-83-32:~$
```

STEP 2 :- Similarly fetch below command **ansible all -i /etc/ansible/hosts -m copy -a 'src=/myinventory dest=/tmp' -b**

Here you will copy the data from /home/ubuntu/myinventory of master node to /tmp folder of both worker node.

```
authorized_keys id_rsa id_rsa.pub known_hosts known_hosts.old myinventory
ubuntu@ip-172-31-87-161:~/ssh$ ansible all -i /etc/ansible/hosts -m copy -a 'src=myinventory dest=/tmp' -b
[WARNING]: Platform linux on host 172.31.83.32 is using the discovered Python interpreter at /usr/bin/python3.10, but future installation of
another Python interpreter could change the meaning of that path. See https://docs.ansible.com/ansible-
core/2.17/reference_appendices/interpreter_discovery.html for more information.
172.31.83.32 | CHANGED => {
  "ansible_facts": {
    "discovered_interpreter_python": "/usr/bin/python3.10"
  },
  "changed": true,
  "checksum": "c797b19bfe4f7ddb847c875d021de09edc1fe9a0",
  "dest": "/tmp/myinventory",
  "gid": 0,
  "group": "root",
  "md5sum": "7d234798ffd59c207d0136a3b825e531",
  "mode": "0644",
  "owner": "root",
  "size": 27,
  "src": "/home/ubuntu/.ansible/tmp/ansible-tmp-1754410050.885637-2710-234585542301042/.source",
  "state": "file",
  "uid": 0
}
[WARNING]: Platform linux on host 172.31.82.189 is using the discovered Python interpreter at /usr/bin/python3.10, but future installation of
another Python interpreter could change the meaning of that path. See https://docs.ansible.com/ansible-
core/2.17/reference_appendices/interpreter_discovery.html for more information.
172.31.82.189 | CHANGED => {
  "ansible_facts": {
    "discovered_interpreter_python": "/usr/bin/python3.10"
  },
  "changed": true,
  "checksum": "c797b19bfe4f7ddb847c875d021de09edc1fe9a0",
  "dest": "/tmp/myinventory",
  "gid": 0,
  "group": "root",
  "md5sum": "7d234798ffd59c207d0136a3b825e531",
  "mode": "0644",
  "owner": "root",
  "size": 27,
  "src": "/home/ubuntu/.ansible/tmp/ansible-tmp-1754410050.8953142-2711-142654135192343/.source",
  "state": "file",
  "uid": 0
}
```

```
ubuntu@ip-172-31-83-32: /tmp
Welcome to Ubuntu 22.04.5 LTS (GNU/Linux 6.8.0-1029-aws x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/pro

System information as of Tue Aug 5 16:07:30 UTC 2025

System load:  0.0          Processes:    100
Usage of /:   25.3% of 7.57GB   Users logged in:  0
Memory usage: 20%          IPv4 address for eth0: 172.31.83.32
Swap usage:  0%

Expanded Security Maintenance for Applications is not enabled.

92 updates can be applied immediately.
80 of these updates are standard security updates.
To see these additional updates run: apt list --upgradable

Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status

New release '24.04.2 LTS' available.
Run 'do-release-upgrade' to upgrade to it.

Last login: Tue Aug 5 16:07:31 2025 from 172.31.87.161
ubuntu@ip-172-31-83-32:~$ ls
authorized_keys
ubuntu@ip-172-31-83-32:~$ cd /tmp
ubuntu@ip-172-31-83-32:~/tmp$ ls
myinventory      systemd-private-05f9db073db34d0e856ea7a92723f479-chrny.service-d12n8x
passwd          systemd-private-05f9db073db34d0e856ea7a92723f479-systemd-logind.service-l5kz2j
snap-private-tmp systemd-private-05f9db073db34d0e856ea7a92723f479-systemd-resolved.service-stc0d
ubuntu@ip-172-31-83-32:~/tmp$ cd myinventory
bash: cd: myinventory: Not a directory
ubuntu@ip-172-31-83-32:~/tmp$ cat myinventory
172.31.83.32
172.31.82.189
ubuntu@ip-172-31-83-32:~/tmp$ |
```

```
ubuntu@ip-172-31-82-189: /tmp
devops      systemd-private-e247f59a9e834d529283b11818d467a2-chrny.service-68kAH8
myinventory systemd-private-e247f59a9e834d529283b11818d467a2-systemd-logind.service-dNEpvu
passwd      systemd-private-e247f59a9e834d529283b11818d467a2-systemd-resolved.service-1Ncilv
snap-private-tmp
ubuntu@ip-172-31-82-189:~/tmp$ cat passwd
root:x:0:0:root:/root:/bin/bash
daemon:x:1:1:daemon:/usr/sbin:/usr/sbin/nologin
bin:x:2:2:bin:/bin:/usr/sbin/nologin
sys:x:3:3:sys:/dev:/usr/sbin/nologin
sync:x:4:65534:sync:/bin:/bin/sync
games:x:5:60:games:/usr/games:/usr/sbin/nologin
man:x:6:12:man:/var/cache/man:/usr/sbin/nologin
lp:x:7:7:lp:/var/spool/lpd:/usr/sbin/nologin
mail:x:8:8:mail:/var/mail:/usr/sbin/nologin
news:x:9:9:news:/var/spool/news:/usr/sbin/nologin
uucp:x:10:10:uucp:/var/spool/uucp:/usr/sbin/nologin
proxy:x:13:13:proxy:/bin:/usr/sbin/nologin
www-data:x:33:33:www-data:/var/www:/usr/sbin/nologin
backup:x:34:34:backup:/var/backups:/usr/sbin/nologin
list:x:38:38:Mail List Manager:/var/list:/usr/sbin/nologin
irc:x:39:39:ircd:/run/ircd:/usr/sbin/nologin
gnats:x:41:41:Gnats Bug-Reporting System (admin):/var/lib/gnats:/usr/sbin/nologin
nobody:x:65534:65534:nobody:/nonexistent:/usr/sbin/nologin
systemd-network:x:100:102:systemd Network Management,,:/run/systemd:/usr/sbin/nologin
systemd-resolve:x:101:103:systemd Resolver,,:/run/systemd:/usr/sbin/nologin
messagebus:x:102:105:/nonexistent:/usr/sbin/nologin
systemd-timesync:x:103:106:systemd Time Synchronization,,:/run/systemd:/usr/sbin/nologin
syslog:x:104:111:/home/syslog:/usr/sbin/nologin
_apt:x:105:65534:/nonexistent:/usr/sbin/nologin
tss:x:106:112:TPM software stack,,:/var/lib/tpm:/bin/false
uuidd:x:107:113:/run/uuidd:/usr/sbin/nologin
tcpdump:x:108:114:/nonexistent:/usr/sbin/nologin
sshd:x:109:65534:/run/sshd:/usr/sbin/nologin
pollinate:x:110:1:/var/cache/pollinate:/bin/false
landscape:x:111:116:/var/lib/landscape:/usr/sbin/nologin
fwupd-refresh:x:112:117:fwupd-refresh user,,:/run/systemd:/usr/sbin/nologin
ec2-instance-connect:x:113:65534:/nonexistent:/usr/sbin/nologin
_chrny:x:114:121:Chrny daemon,,:/var/lib/chrny:/usr/sbin/nologin
ubuntu:x:1000:1000:ubuntu:/home/ubuntu:/bin/bash
lxd:x:999:100:/var/snap/lxd/common/lxd:/bin/false
ubuntu@ip-172-31-82-189:~/tmp$
```


TASK 3 :- Now run some commands related to fetch module. **STEP 1 :-**

using following command **ansible all -i /etc/ansible/hosts -m fetch -a**

‘src=/etc/passwd dest=/tmp’ -b

Here you will fetch the data from both the worker nodes /etc/passwd to master node /tmp folder.

```
ubuntu@ip-172-31-87-161:/
## [dbservers]
## db01.intranet.mydomain.net
## db02.intranet.mydomain.net
## 10.25.1.56
## 10.25.1.57

# Ex4: Multiple hosts arranged into groups such as 'Debian' and 'opensUSE':

## [Debian]
## alpha.example.org
## beta.example.org

## [opensUSE]
## green.example.com
## blue.example.com

ubuntu@ip-172-31-87-161:/etc/ansible$ cd ..
ubuntu@ip-172-31-87-161:/etc$ cd ..
ubuntu@ip-172-31-87-161:/etc$ ansible all -i /etc/ansible/hosts -m fetch -a 'src=/etc/paw
> AC
ubuntu@ip-172-31-87-161:/etc$ ansible all -i /etc/ansible/hosts -m fetch -a 'src=/etc/passwd dest=/tmp' -b
172.31.83.32 | SUCCESS => {
  "changed": false,
  "checksum": "9b360acd99ae2ba36aeb298e6e21be190e93b7e3",
  "dest": "/tmp/172.31.83.32/etc/passwd",
  "file": "/etc/passwd",
  "md5sum": "2e3058b5bb29db388f9939f8c375aac2"
}
172.31.82.189 | SUCCESS => {
  "changed": false,
  "checksum": "9b360acd99ae2ba36aeb298e6e21be190e93b7e3",
  "dest": "/tmp/172.31.82.189/etc/passwd",
  "file": "/etc/passwd",
  "md5sum": "2e3058b5bb29db388f9939f8c375aac2"
}
ubuntu@ip-172-31-87-161:/etc$
ubuntu@ip-172-31-87-161:/etc$
ubuntu@ip-172-31-87-161:/etc$
```

```
ubuntu@ip-172-31-87-161:/tmp/172.31.82.189/etc
172.31.82.189 | SUCCESS => {
  "changed": false,
  "checksum": "9b360acd99ae2ba36aeb298e6e21be190e93b7e3",
  "dest": "/tmp/172.31.82.189/etc/passwd",
  "file": "/etc/passwd",
  "md5sum": "2e3058b5bb29db388f9939f8c375aac2"
}
ubuntu@ip-172-31-87-161:/tmp$
ubuntu@ip-172-31-87-161:/tmp$
ubuntu@ip-172-31-87-161:/tmp$ cd /
ubuntu@ip-172-31-87-161:/tmp$ cd tmp
ubuntu@ip-172-31-87-161:/tmp$ ls
172.31.82.189 systemd-private-19ea9c38dcdf44fcacaf796c80e22ef6-chrond.service-1Gp1IX
172.31.83.32 systemd-private-19ea9c38dcdf44fcacaf796c80e22ef6-systemd-logind.service-kchvIw
snap-private-tmp systemd-private-19ea9c38dcdf44fcacaf796c80e22ef6-systemd-resolved.service-fbAXDS
ubuntu@ip-172-31-87-161:/tmp$ cat 172.31.82.189
cat: 172.31.82.189: Is a directory
ubuntu@ip-172-31-87-161:/tmp$ cd 172.31.82.189
ubuntu@ip-172-31-87-161:/tmp/172.31.82.189$ ls
etc
ubuntu@ip-172-31-87-161:/tmp/172.31.82.189$ cat etc
cat: etc: Is a directory
ubuntu@ip-172-31-87-161:/tmp/172.31.82.189$ cd etc
ubuntu@ip-172-31-87-161:/tmp/172.31.82.189/etc$ ls
passwd
ubuntu@ip-172-31-87-161:/tmp/172.31.82.189/etc$ cat passwd
root:x:0:0:root:/root:/bin/bash
daemon:x:1:1:daemon:/usr/sbin:/usr/sbin/nologin
bin:x:2:2:bin:/bin:/usr/sbin/nologin
sys:x:3:3:sys:/dev:/usr/sbin/nologin
sync:x:4:65534:sync:/bin:/bin/sync
games:x:5:60:games:/usr/games:/usr/sbin/nologin
man:x:6:12:man:/var/cache/man:/usr/sbin/nologin
lp:x:7:7:lp:/var/spool/lpd:/usr/sbin/nologin
mail:x:8:8:mail:/var/mail:/usr/sbin/nologin
news:x:9:9:news:/var/spool/news:/usr/sbin/nologin
uucp:x:10:10:uucp:/var/spool/uucp:/usr/sbin/nologin
proxy:x:13:13:proxy:/bin:/usr/sbin/nologin
www-data:x:33:33:www-data:/var/www:/usr/sbin/nologin
backup:x:34:34:backup:/var/backups:/usr/sbin/nologin
```



```
ubuntu@ip-172-31-87-161:~$ sudo ansible-playbook -i inventory.yml playbook.yml
[WARNING]: Platform linux on host 172.31.82.189 is using the discovered Python interpreter at /usr/bin/python3.10, but future installation of another Python interpreter could change the meaning of that path. See https://docs.ansible.com/ansible-core/2.17/reference_appendices/interpreter_discovery.html for more information.
172.31.82.189 | CHANGED => {
    "ansible_facts": {
        "discovered_interpreter_python": "/usr/bin/python3.10"
    },
    "cache_update_time": 1754402577,
    "cache_updated": false,
    "changed": true,
    "stderr": "",
    "stderr_lines": [],
    "stdout": "Reading package lists...Building dependency tree...Reading state information...The following additional packages will be ins
talled:\n apache2-bin apache2-data apache2-utils bz2ip liblpr1 liblapack1 liblaprutil1 liblaprutil1-dbd-sqlite3 liblaprutil1-ldap liblua5.3-0 mailcap mime-
support\n ssl-cert\nSuggested packages:\n apache2-doc apache2-suexec-pristine | apache2-suexec-custom www-browser\n bz2ip2-doc\nThe following N
EW packages will be installed:\n apache2 apache2-bin apache2-data apache2-utils bz2ip liblpr1 liblapack1 liblaprutil1 liblaprutil1-dbd-sqlite3 liblaprutil1
-lldap liblua5.3-0 mailcap mime-support\n ssl-cert\n0 upgraded, 13 newly installed, 0 to remove and 86 not upgraded.\nNeed to get 2142 kB of arch
ives.\nAfter this operation, 8528 kB of additional disk space will be used.\nGet:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/m
ain amd64 liblpr1 amd64 1.7.0-0ubuntu0.22.04.2 [108 kB]\nGet:2 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 liblaprutil1
amd64 1.6.1-5ubuntu4.22.04.2 [92.8 kB]\nGet:3 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 liblaprutil1-dbd-sqlite3 a
md64 1.6.1-5ubuntu4.22.04.2 [11.3 kB]\nGet:4 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 liblaprutil1-lldap amd64 1.6.1
-5ubuntu4.22.04.2 [9170 B]\nGet:5 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 liblua5.3-0 amd64 5.3.6-1build1 [140 kB]\nGet:6
http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 apache2-bin amd64 2.4.52-1ubuntu4.15 [1349 kB]\nGet:7 http://us-east-1.e
c2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 apache2-data all 2.4.52-1ubuntu4.15 [165 kB]\nGet:8 http://us-east-1.ec2.archive.ubuntu.com
/ubuntu jammy-updates/main amd64 apache2-utils amd64 2.4.52-1ubuntu4.15 [89.4 kB]\nGet:9 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 mailcap all 3.70+nmuubuilaft [23.8 kB]\nGet:10 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 mime-support all 3.66 [369
6 B]\nGet:11 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 apache2 amd64 2.4.52-1ubuntu4.15 [97.9 kB]\nGet:12 http://us
east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 bz2ip2 amd64 1.0.8-build1 [34.8 kB]\nGet:13 http://us-east-1.ec2.archive.ubuntu.com/ubuntu
jammy/main amd64 ssl-cert all 1.1.2 [17.4 kB]\nPreconfiguring packages ...nfetched 2142 kB in 0s (26.6 MB/s)\nselecting previously unselected p
ackage liblpr1:amd64.\n\n(Reading database ... \n(Reading database ... 5%\n(Reading database ... 10%\n(Reading database ... 15%\n(Reading databas
e ... 20%\n(Reading database ... 25%\n(Reading database ... 30%\n(Reading database ... 35%\n(Reading database ... 40%\n(Reading database ... 45%)\n
(Reading database ... 50%\n(Reading database ... 55%\n(Reading database ... 60%\n(Reading database ... 65%\n(Reading database ... 70%\n(Reading
database ... 75%\n(Reading database ... 80%\n(Reading database ... 85%\n(Reading database ... 90%\n(Reading database ... 95%\n(Reading database
... 100%\n(Reading database ... 65977 files and directories currently installed.)\nPreparing to unpack .../00-liblpr1_1.7.0-0ubuntu0.22.04.2_amd
64.deb ...\nUnpacking liblpr1:amd64 (1.7.0-0ubuntu0.22.04.2) ...\nSelecting previously unselected package liblaprutil1:amd64.\nPreparing to
unpack .../01-liblaprutil1_1.6.1-5ubuntu4.22.04.2_amd64.deb ...\nUnpacking liblaprutil1:amd64 (1.6.1-5ubuntu4.22.04.2) ...\nSelecting previousl
y unselected package liblaprutil1-dbd-sqlite3:amd64.\nPreparing to unpack .../02-liblaprutil1-dbd-sqlite3_1.6.1-5ubuntu4.22.04.2_amd64.deb ...
\nUnpacking liblaprutil1-dbd-sqlite3:amd64 (1.6.1-5ubuntu4.22.04.2) ...\nSelecting previously unselected package liblaprutil1-lldap:amd64.\nPrepa
ring to unpack .../03-liblaprutil1-lldap_1.6.1-5ubuntu4.22.04.2_amd64.deb ...\n\nUnpacking liblaprutil1-lldap:amd64 (1.6.1-5ubuntu4.22.04.2) ...
\n\n
```

```

ubuntu@ip-172-31-87-161:/ $
ct, ansible.builtin.raw, command, ansible.builtin.include_tasks, ansible.windows.win_command, ansible_legacy.script
ubuntu@ip-172-31-87-161:/ $ ansible all -m uri -a "url=https://facebook.com" -b
[WARNING]: Platform linux on host 172.31.83.32 is using the discovered Python interpreter at /usr/bin/python3.10, but future installation of
another Python interpreter could change the meaning of that path. See https://docs.ansible.com/ansible-co
re/2.17/reference_appendices/interpreter_discovery.html for more information.
172.31.83.32 | SUCCESS => {
  "alt_svc": "h3=\":\"443\":; ma=86400",
  "ansible_facts": {
    "discovered_interpreter_python": "/usr/bin/python3.10"
  },
  "cache_control": "private, no-cache, no-store, must-revalidate",
  "changed": false,
  "connection": "close",
  "content_security_policy": "\"default-src blob: 'self' https://*.fbcdn.net *.facebook.com *.fbcnd.net:script-src *.facebook.com *.fbcnd.net *.fb
acebook.net 127.0.0.1:https://nca-37fftsk: blob: 'self' connect.facebook.net 'unsafe-eval' https://*.google-analytics.com *.google.com *.style-src *.
fbcnd.net data: *.facebook.com *.unsafe-inline\" https://fonts.googleapis.com;connect-src *.facebook.com facebook.com *.fbcnd.net *.facebook.net ws:
//*.facebook.com:* wss://*.whatsapp.com:* wss://*.fbcnd.net attachment.fbcdn.com ws://localhost:* blob: *.cdninstagram.com 'self' http://localho
st:3103 wss://gateway.facebook.com wss://edge-chat.facebook.com wss://snapu-d.facebook.com wss://kaio-s-d.facebook.com v.whatsapp.net *.fbxs.c
om *.fb.com https://*.google-analytics.com;font-src data: *.facebook.com *.fbcnd.net *.fbcdn.net https://fonts.gstatic.com;img-src *.fbcnd.net *.
facebook.com data: https://*.fbxs.com facebook.com *.cdninstagram.com fbxs.com fbcnd.net connect.facebook.net *.carrier-signal.info blob: android
-webview-video-poster: *.whatsapp.net *.fb.com *.oculuscdn.com *.tenor.co *.tenor.com *.giphy.com https://trustly.one/ https://*.trustly.one/ ht
tps://paywithmybank.com/ https://*.paywithmybank.com https://www.googleadservices.com https://googleads.g.doubleclick.net https://*.google-analyt
ics.com;media-src *.cdninstagram.com blob: *.fbcnd.net *.fbcdn.net www.facebook.com *.facebook.com data: *.tenor.co *.tenor.com https://*.giphy.
com;child-src data: blob: 'self' https://*.fbxs.com *.facebook.com *.fbcnd.net;frame-src *.facebook.com *.fbxs.com fbxs.com data: www.instagram
m.com *.fbcnd.net accounts.meta.com *.accounts.meta.com https://trustly.one/ https://*.trustly.one/ https://paywithmybank.com/ https://*.paywithm
ybank.com https://www.googleadservices.com https://googleads.g.doubleclick.net https://www.google.com https://td.doubleclick.net *.google.com *.
doubleclick.net;manifest-src data: blob: 'self' https://*.fbxs.com *.facebook.com *.fbcnd.net;object-src data: blob: 'self' https://*.fbxs.com
*.facebook.com *.fbcnd.net;worker-src blob: *.facebook.com data: block=all-mixed-content;upgrade-insecure-requests;",
  "content_type": "text/html; charset=utf-8\"",
  "cookies": {
    "fr": "O0K9LggBw7MyAKna..Bokjiw..AAA.0.0.Bokjiw.AWcEaPNUxMHdyYood00CdtK0Xkg",
    "sb": "sDiSaKn7munk5OBnkqx-ezu4"
  },
  "cookies_string": "fr=O0K9LggBw7MyAKna..Bokjiw..AAA.0.0.Bokjiw.AWcEaPNUxMHdyYood00CdtK0Xkg; sb=sDiSaKn7munk5OBnkqx-ezu4",
  "cross_origin_opener_policy": "unsafe-none;report-to=\"coop_report\"",
  "cross_origin_resource_policy": "same-origin",
  "date": "Tue, 05 Aug 2025 17:00:32 GMT",
  "document_policy": "force-load-at-top, include-js-call-stacks-in-crash-reports",
  "elapsed": 0,
  "expires": "Sat, 01 Jan 2020 00:00:00 GMT",
  "msg": "OK (unknown bytes)",
}

```

TASK 4 :- Now fetch some commands related to service module.

STEP 1 :- First fetch below command to install the package of nginx in both the worker nodes.

ansible all -i /etc/ansible/hosts -m apt -a 'name=apache2 state=present' -b

```
ubuntu@ip-172-31-87-161:/$ ansible all -m apt -a 'name=apache2 state=present' -b
[WARNING]: Platform linux on host 172.31.82.189 is using the discovered Python interpreter at /usr/bin/python3.10, but future installation of
another Python interpreter could change the meaning of that path. See https://docs.ansible.com/ansible-
core/2.17/reference_appendices/interpreter_discovery.html for more information.
172.31.82.189 | CHANGED => {
  "ansible_facts": {
    "discovered_interpreter_python": "/usr/bin/python3.10"
  },
  "cache_update_time": 1754402577,
  "cache_updated": false,
  "changed": true,
  "stderr": "",
  "stderr_lines": [],
  "stdout": "Reading package lists...Building dependency tree...Reading state information...The following additional packages will be ins
talled:\n apache2-bin apache2-data apache2-utils bzip2 libapr1 libaprutil1\n libaprutil1-dbd-sqlite3 libaprutil1-ldap liblua5.3-0 mailcap mime-
support\n ssl-cert\nSuggested packages:\n apache2-doc apache2-suexec-pristine | apache2-suexec-custom www-browser\n bzip2-doc\nThe following N
EW packages will be installed:\n apache2 apache2-bin apache2-data apache2-utils bzip2 libapr1 libaprutil1\n libaprutil1-dbd-sqlite3 libaprutil1
-ldap liblua5.3-0 mailcap mime-support\n ssl-cert\n0 upgraded, 13 newly installed, 0 to remove and 86 not upgraded.\nNeed to get 2142 kB of arch
ives.\nAfter this operation, 8528 kB of additional disk space will be used.\nGet:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libaprutil
1 amd64 1.6.1-5ubuntu4.22.04.2 [92.8 kB]\nGet:2 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libaprutil1-dbd-sqlite3 a
md64 1.6.1-5ubuntu4.22.04.2 [11.3 kB]\nGet:3 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libaprutil1-ldap amd64 1.6.1
-5ubuntu4.22.04.2 [9170 B]\nGet:4 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 liblua5.3-0 amd64 5.3.6-1build1 [140 kB]\nGet:5
http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 apache2-bin amd64 2.4.52-1ubuntu4.15 [1349 kB]\nGet:6 http://us-east-1.e
c2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 apache2-data all 2.4.52-1ubuntu4.15 [165 kB]\nGet:7 http://us-east-1.ec2.archive.ubuntu.com
/ubuntu jammy-updates/main amd64 apache2-utils amd64 2.4.52-1ubuntu4.15 [89.4 kB]\nGet:8 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/mai
n amd64 mailcap all 3.70+nmu1ubuntu1 [23.8 kB]\nGet:9 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 mime-support all 3.66 [369
6 B]\nGet:10 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 apache2 amd64 2.4.52-1ubuntu4.15 [97.9 kB]\nGet:11 http://us
-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 bzip2 amd64 1.0.8-5build1 [34.8 kB]\nGet:12 http://us-east-1.ec2.archive.ubuntu.com/ubuntu
jammy/main amd64 ssl-cert all 1.1.2 [17.4 kB]\nPreconfiguring packages...\nFetched 2142 kB in 0s (26.6 MB/s)\nSelecting previously unselected p
ackage libapr1:amd64.\n(Reading database ... \n(Reading database ... 5%\n(Reading database ... 10%\n(Reading database ... 15%\n(Reading databas
e ... 20%\n(Reading database ... 25%\n(Reading database ... 30%\n(Reading database ... 35%\n(Reading database ... 40%\n(Reading database ... 45%\n
(Reading database ... 50%\n(Reading database ... 55%\n(Reading database ... 60%\n(Reading database ... 65%\n(Reading database ... 70%\n(Reading
database ... 75%\n(Reading database ... 80%\n(Reading database ... 85%\n(Reading database ... 90%\n(Reading database ... 95%\n(Reading database ...
100%\n(Reading database ... 65977 files and directories currently installed.)\nPreparing to unpack .../00-libapr1_1.7.0-8ubuntu0.22.04.2.am
d64.deb ...\nUnpacking libapr1:amd64 (1.7.0-8ubuntu0.22.04.2) ...\nSelecting previously unselected package libaprutil1:amd64.\nPreparing to
unpack .../01-libaprutil1_1.6.1-5ubuntu4.22.04.2.amd64.deb ...\nUnpacking libaprutil1:amd64 (1.6.1-5ubuntu4.22.04.2) ...\nSelecting previousl
y unselected package libaprutil1-dbd-sqlite3:amd64.\nPreparing to unpack .../02-libaprutil1-dbd-sqlite3_1.6.1-5ubuntu4.22.04.2.amd64.deb ...
\nUnpacking libaprutil1-dbd-sqlite3:amd64 (1.6.1-5ubuntu4.22.04.2) ...\nSelecting previously unselected package libaprutil1-ldap:amd64.\nPrepa
ring to unpack .../03-libaprutil1-ldap_1.6.1-5ubuntu4.22.04.2.amd64.deb ...\nUnpacking libaprutil1-ldap:amd64 (1.6.1-5ubuntu4.22.04.2) ...
\nns
```

STEP2 : Service Module

using following service module we stop the service **ansible all -i**

/etc/ansible/hosts -m service -a 'name=nginx state=stopped' -b Using

following command we restarted service **ansible all -i /etc/ansible/hosts -m**

service -a 'name=nginx state=restarted' -b

STEP 3:- Fetch below command to check URL

ansible all -i /etc/ansible/hosts -m uri -a "url=https://facebook.com" -b


```
ubuntu@ip-172-31-87-161: /
ct, ansible.builtin.raw, command, ansible.builtin.include_tasks, ansible.windows.win_command, import_role, ansible.legacy.script
ubuntu@ip-172-31-87-161:/$ ansible all -m uri -a 'url=https://facebook.com' -b
[WARNING]: Platform linux on host 172.31.83.32 is using the discovered Python interpreter at /usr/bin/python3.10, but future installation of
another Python interpreter could change the meaning of that path. See https://docs.ansible.com/ansible-
core/2.17/reference_appendices/interpreter_discovery.html for more information.
172.31.83.32 | SUCCESS => {
  "alt_svc": "h3=\\:443\\; ma=86400",
  "ansible_facts": {
    "discovered_interpreter_python": "/usr/bin/python3.10"
  },
  "cache_control": "private, no-cache, no-store, must-revalidate",
  "changed": false,
  "connection": "close",
  "content_security_policy": "default-src blob: 'self' https://*.fbcdn.net;script-src *.facebook.com *.fbcdn.net;style-src *.f
acebook.net 127.0.0.1:* 'nonce-37fftSkc' blob: 'self' connect.facebook.net 'unsafe-eval' https://*.google-analytics.com *.google.com;style-src *.f
bcdn.net data: *.facebook.com 'unsafe-inline' https://fonts.googleapis.com;connect-src *.facebook.com facebook.com *.fbcdn.net *.facebook.net ws
s://*.facebook.com:* wss://*.whatsapp.com:* wss://*.fbcdn.net attachment.fbsbx.com wss://localhost:* blob: *.cdninstagram.com 'self' http://localh
ost:3103 wss://gateway.facebook.com wss://edge-chat.facebook.com wss://snaptu-d.facebook.com wss://kaio-d.facebook.com/ v.whatsapp.net *.fbsbx.c
om *.fb.com https://*.google-analytics.com;font-src data: *.facebook.com *.fbcdn.net *.fbsbx.com https://fonts.gstatic.com;img-src *.fbcdn.net *.
facebook.com data: https://*.fbsbx.com facebook.com *.cdninstagram.com fbsbx.com fbcdn.net connect.facebook.net *.carriersignal.info blob: androi
d-webview-video-poster: *.whatsapp.net *.fb.com *.oculuscdn.com *.tenor.co *.tenor.com *.giphy.com https://trustly.one/ https://*.trustly.one/ ht
tps://paywithmybank.com/ https://*.paywithmybank.com/ https://www.googleadservices.com https://googleads.g.doubleclick.net https://*.google-analy
tics.com;media-src *.cdninstagram.com blob: *.fbcdn.net *.fbsbx.com www.facebook.com *.facebook.com data: *.tenor.co *.tenor.com https://*.giphy.
com;child-src data: blob: 'self' https://*.fbsbx.com *.facebook.com *.fbcdn.net;frame-src *.facebook.com *.fbsbx.com fbsbx.com data: www.instagram
m.com *.fbcdn.net accounts.meta.com *.accounts.meta.com https://trustly.one/ https://*.trustly.one/ https://paywithmybank.com/ https://*.paywithm
ybank.com/ https://www.googleadservices.com https://googleads.g.doubleclick.net https://www.google.com https://td.doubleclick.net *.google.com *.
doubleclick.net;manifest-src data: blob: 'self' https://*.fbsbx.com *.facebook.com *.fbcdn.net;object-src data: blob: 'self' https://*.fbsbx.com
*.facebook.com *.fbcdn.net;worker-src blob: *.facebook.com data: blob: all-mixed-content;upgrade-insecure-requests;",
  "content_type": "text/html; charset=utf-8",
  "cookies": {
    "fr": "0JkG9LggBw7MyAKna..Bokjiw..AAA.0.0.Bokjiw.AwCEaPnUXMHDyYood00cDtK0kxg",
    "sb": "sDiSaKN7munk50Bnkqx-ezu4"
  },
  "cookies_string": "fr=0JkG9LggBw7MyAKna..Bokjiw..AAA.0.0.Bokjiw.AwCEaPnUXMHDyYood00cDtK0kxg; sb=sDiSaKN7munk50Bnkqx-ezu4",
  "cross_origin_opener_policy": "unsafe-none;report-to=\\coop_report\\",
  "cross_origin_resource_policy": "same-origin",
  "date": "Tue, 05 Aug 2025 17:00:32 GMT",
  "document_policy": "force-load-at-top, include-js-call-stacks-in-crash-reports",
  "elapsed": 0,
  "expires": "Sat, 01 Jan 2000 00:00:00 GMT",
  "msg": "OK (unknown bytes)"
}
```