



PARSHVANATH CHARITABLE TRUST'S
A. P. SHAH INSTITUTE OF TECHNOLOGY
Department of Information Technology
(NBA Accredited)



Department of Information Technology

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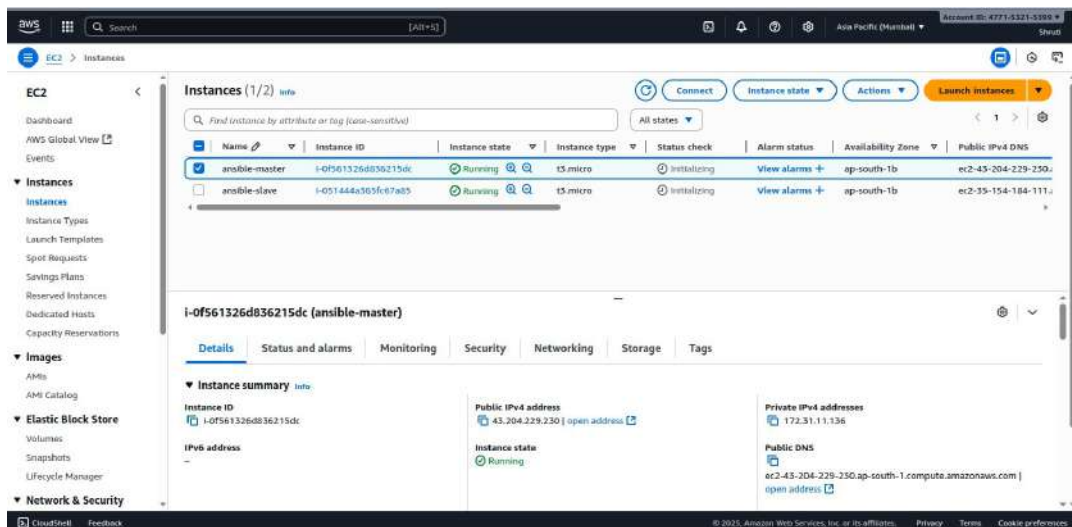
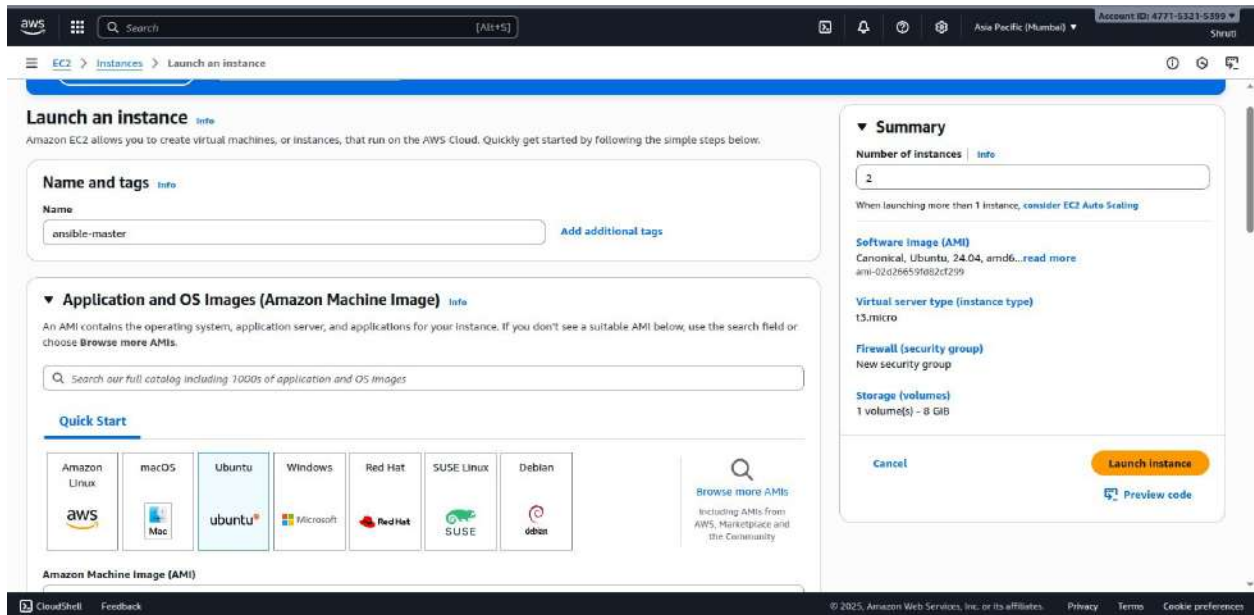
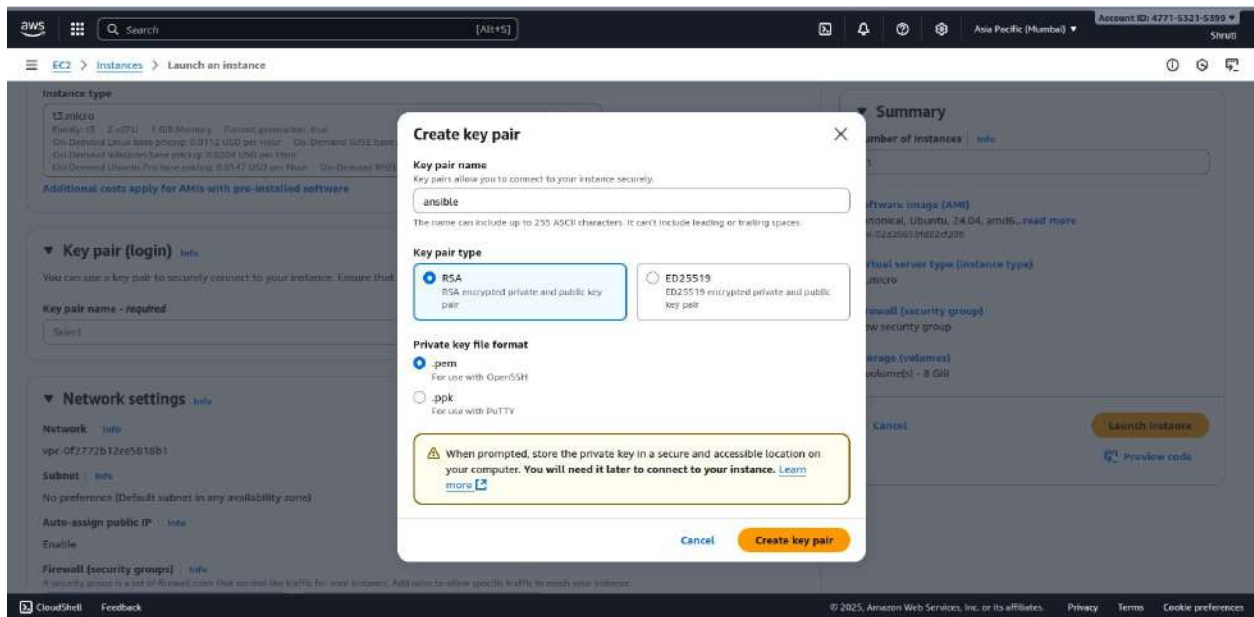
Experiment No. 10

Aim:- Installation of Ansible on top of AWS instance. Configure SSH access to Ansible master/slave and setup ansible host and test the connection.

Code/Output with Screenshot:-

Step1:- Connect AWS console

must have t3 micro, ubuntu 24.0.0.Lts, in network settings allow all three http, https and the last option and in right side number of instances must be 2.



click on master then connect then click on SSH client then copy that client copy thing and then need to make a folder on desktop with your name then move that ansible.pem to your folder then open that path in terminal and paste that ssh thing copied this made your master follow same for slave.

The screenshot shows the AWS Management Console interface. At the top, there's a navigation bar with the AWS logo, a search bar, and account information (Asia Pacific (Mumbai), Account ID: 4771-9321-9389). Below the navigation bar, the breadcrumb trail is 'EC2 > Instances > i-051444a365fc67a85 > Connect to instance'. The main section is titled 'Connect' with a sub-header 'Connect to an instance using the browser-based client.' There are four tabs: 'EC2 Instance Connect', 'Session Manager', 'SSH client' (which is selected), and 'EC2 serial console'. Under the 'SSH client' tab, there's a section for 'Instance ID' showing 'i-051444a365fc67a85 (ansible-slave)'. Below this, there are four numbered steps: 1. Open an SSH client. 2. Locate your private key file. The key used to launch this instance is ansible.pem. 3. Run this command, if necessary, to ensure your key is not publicly viewable. 4. Connect to your instance using its Public DNS: ec2-35-154-184-111.ap-south-1.compute.amazonaws.com. An example command is provided: ssh -i "ansible.pem" ubuntu@ec2-35-154-184-111.ap-south-1.compute.amazonaws.com. A note states: 'Note: In most cases, the guessed username is correct. However, read your AMI usage instructions to check if the AMI owner has changed the default AMI username.' A 'Cancel' button is at the bottom right. At the very bottom of the console, there's a footer with 'CloudShell', 'Feedback', and copyright information for Amazon Web Services, Inc. or its affiliates, along with links for Privacy, Terms, and Cookie preferences.

Master machine

```
apslt@apslt:~$ cd Desktop
apslt@apslt:~/Desktop$ mkdir shruti
apslt@apslt:~/Desktop$ cd shruti
apslt@apslt:~/Desktop/shruti$ sudo su
[sudo] password for apslt:
root@apslt:/home/apslt/Desktop/shruti# ls
ansible.pem
root@apslt:/home/apslt/Desktop/shruti# ssh -i "ansible.pem" ubuntu@ec2-43-204-229-230.ap-south-1.compute.amazonaws.com
The authenticity of host 'ec2-43-204-229-230.ap-south-1.compute.amazonaws.com (43.204.229.230)' can't be established.
ED25519 key fingerprint is SHA256:Ty0xH+ERPwV0+py6tAaZagY115r+PCrw7LaMPK/Lnz8.
This key is not known by any other names
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added 'ec2-43-204-229-230.ap-south-1.compute.amazonaws.com' (ED25519) to the list of known hosts.
Welcome to Ubuntu 24.04.3 LTS (GNU/Linux 6.14.0-1011-aws x86_64)

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

System information as of Tue Sep 30 09:47:01 UTC 2025

System load:  0.0           Temperature:   -273.1 C
Usage of /:   25.9% of 6.71GB Processes:      112
Memory usage: 23%          Users logged in: 0
Swap usage:   0%           IPv4 address for ens5: 172.31.11.136

Expanded Security Maintenance for Applications is not enabled.

0 updates can be applied immediately.

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

The list of available updates is more than a week old.
To check for new updates run: sudo apt update

Last login: Tue Sep 30 09:32:17 2025 from 13.233.177.3
ubuntu@ip-172-31-11-136:~$
```

Slave machine

```
apsit@apsit:~/Desktop/shruti$ sudo su
[sudo] password for apsit:
root@apsit:/home/apsit/Desktop/shruti# ssh -i "ansible.pem" ubuntu@ec2-35-154-184-111.ap-south-1.compute.amazonaws.com
The authenticity of host 'ec2-35-154-184-111.ap-south-1.compute.amazonaws.com (35.154.184.111)' can't be established.
ED25519 key fingerprint is SHA256:x2ILMBVkhzcjRk8Io9eCcQVRlts17MLev3eCtpuif3U.
This key is not known by any other names
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added 'ec2-35-154-184-111.ap-south-1.compute.amazonaws.com' (ED25519) to the list of known hosts.
Welcome to Ubuntu 24.04.3 LTS (GNU/Linux 6.14.0-1011-aws x86_64)

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

System information as of Tue Sep 30 09:51:42 UTC 2025

System load: 0.6               Temperature: -273.1 C
Usage of /: 25.9% of 6.71GB    Processes: 110
Memory usage: 22%             Users logged in: 0
Swap usage: 0%                IPv4 address for ens5: 172.31.9.246

Expanded Security Maintenance for Applications is not enabled.

0 updates can be applied immediately.

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

The list of available updates is more than a week old.
To check for new updates run: sudo apt update

Last login: Tue Sep 30 09:33:15 2025 from 13.233.177.4
ubuntu@ip-172-31-9-246:~$ |
```

Step 2:-Now ping master and Slave

```
Last login: Tue Sep 30 09:32:17 2025 from 13.233.177.3
ubuntu@ip-172-31-11-136:~$ sudo su
root@ip-172-31-11-136:/home/ubuntu# master
Command 'master' not found, did you mean:
  command 'master1' from deb pvm-examples (3.4.6-5)
Try: apt install <deb name>
root@ip-172-31-11-136:/home/ubuntu# ping ^[[200- 172.31.9.246
ping: : temporary failure in name resolution
root@ip-172-31-11-136:/home/ubuntu# ping 172.31.9.246
PING 172.31.9.246 (172.31.9.246) 56(84) bytes of data.
^C
--- 172.31.9.246 ping statistics ---
8 packets transmitted, 0 received, 100% packet loss, time 7145ms

root@ip-172-31-11-136:/home/ubuntu# |
```

```

To check for new updates run: sudo apt update

Last login: Tue Sep 30 09:33:15 2025 from 13.233.177.4
ubuntu@ip-172-31-9-246:~$ sudo su
root@ip-172-31-9-246:/home/ubuntu# slave
Command 'slave' not found, did you mean:
  command 'slave1' from deb pvm-examples (3.4.6-5)
  command 'save' from deb atfs (1.4pl6-10)
Try: apt install <deb name>
root@ip-172-31-9-246:/home/ubuntu# ping 172.31.11.136
PING 172.31.11.136 (172.31.11.136) 56(84) bytes of data.
^C
--- 172.31.11.136 ping statistics ---
26 packets transmitted, 0 received, 100% packet loss, time 25623ms

root@ip-172-31-9-246:/home/ubuntu# |
```

Step4:Ansible Installation

Ansible Master:-

```
root@ip-172-31-11-136: /home/ubuntu
root@ip-172-31-11-136: /home/ubuntu
root@ip-172-31-11-136: /home/ubuntu# apt update -y
Hit:1 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble InRelease
Hit:2 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates InRelease
Hit:3 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports InRelease
Hit:4 http://security.ubuntu.com/ubuntu noble-security InRelease
Hit:5 https://ppa.launchpadcontent.net/ansible/ansible/ubuntu noble InRelease
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done

38 packages can be upgraded. Run 'apt list --upgradable' to see them.
root@ip-172-31-11-136: /home/ubuntu# apt-add-repository ppa:ansible/ansible
Repository: 'Types: deb
URIs: https://ppa.launchpadcontent.net/ansible/ansible/ubuntu/
Suites: noble
Components: main
Description:
Ansible is a radically simple IT automation platform that makes your applications and systems easier to deploy. Avoid writing scripts or custom code to deploy and update your applications— automate in a language that approaches plain English, using SSH, with no agents to install on remote systems.
http://ansible.com/

If you face any issues while installing Ansible PPA, file an issue here:
https://github.com/ansible-community/ppa/issues
More info: https://launchpad.net/~ansible/+archive/ubuntu/ansible
Adding repository.

root@ip-172-31-11-136: /home/ubuntu# apt update -y
Hit:1 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble InRelease
Hit:2 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates InRelease
Hit:3 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports InRelease
Hit:4 http://security.ubuntu.com/ubuntu noble-security InRelease
Hit:5 https://ppa.launchpadcontent.net/ansible/ansible/ubuntu noble InRelease
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done

root@ip-172-31-11-136: /home/ubuntu# apt install ansible-core
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  python3-nacl python3-paramiko python3-resolvlib sshpass
Suggested packages:
  ansible python-nacl-doc python3-gssapi python3-invoke
The following NEW packages will be installed:
  ansible-core python3-nacl python3-paramiko python3-resolvlib sshpass

root@ip-172-31-11-136: /home/ubuntu# ansible --version
ansible [core 2.18.9]
  config file = /etc/ansible/ansible.cfg
  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, Jun 18 2025, 17:59:45) [GCC 13.3.0] (/usr/bin/python3)
  jinja version = 3.1.2
  libyaml = True
```

Ansible Slave:-

```
root@ip-172-31-9-246: /home/ubuntu# apt update -y
Hit:1 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble InRelease
Get:2 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates InRelease [126 kB]
Get:3 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports InRelease [126 kB]
Get:4 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 Packages [15.0 MB]
Get:5 http://security.ubuntu.com/ubuntu noble-security InRelease [126 kB]
Get:6 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble/universe Translation-en [5982 kB]
Get:7 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 Components [3871 kB]
Get:8 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 c-n-f Metadata [301 kB]
```

Step5:

Ansible-master:-

```
root@ip-172-31-11-136: /home/ubuntu# nano /etc/ansible/hosts
root@ip-172-31-11-136: /home/ubuntu#
```



```

GNU nano 7.2 /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:
## 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
[client1]
172.31.9.246
#
# If you have multiple hosts following a pattern, you can specify
# them like this:
## www[001:006].example.com
#
# You can also use ranges for multiple hosts:

```

STEP6: To create SSH Key: Ansible-master:

root@ip-172-31-18-177:/home/ubuntu# ssh-keygen -t rsa

```

root@ip-172-31-11-136:/home/ubuntu# ssh-keygen -t rsa
Generating public/private rsa key pair.
Enter file in which to save the key (/root/.ssh/id_rsa):
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /root/.ssh/id_rsa
Your public key has been saved in /root/.ssh/id_rsa.pub
The key fingerprint is:
SHA256:8+AbNTOfn5GbEx/sh19EHfUFecfojytIegRKRaZaz3k root@ip-172-31-11-136
The key's randomart image is:
+---[RSA 3072]-----+
|      .o      .B*   |
|      O.  + .. *   |
|      O.  + .. *   |
|      o.o.. % o.o   |
|      ..S.E + .o.   |
|      .. *OB .. .   |
|      O+... .       |
|      .OO . .       |
|      .. .         |
+---[SHA256]-----+
root@ip-172-31-11-136:/home/ubuntu# cd /root/.ssh/
root@ip-172-31-11-136:~/.ssh#

```

```

root@ip-172-31-11-136:/home/ubuntu# cd /root/.ssh/
root@ip-172-31-11-136:~/.ssh# ls
authorized_keys  id_rsa  id_rsa.pub
root@ip-172-31-11-136:~/.ssh# cat id_rsa.pub
ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQGDQUY0N0M5Z3kxL2wzq4wJ0U8JC BEN77CAB3941b8eKOPaTsQoa75UXMuvT0n1Q0npiYQFMphkhwZn0unc7glrTWQ51GBqkmX001LTZNBwFgr87c/kju12P1BgenV+GTHuKsMt3ncH/F
D0nvrz/PiN7K5XE5gnY1JwLbo18abbQAZLmc6ZF7Sh45v82nuejdCrMcb7etJDe3E1THYLJe1oHuGKYndrgYFV/Zd9HkCn9oVFYrntQNWld/NKngN1Qk0yEL0NB59BRtHYQuv0XF0SR0n0xxQ1ja5c47MIuayj2n2kZCUEPH4S/1r65xJ
mPLYqhNSloY9KEA8ZceyH/0B8TOECb1D9q1dxXU+K0r2x232PXUZYTABaGBDQIAmPM156CeB1+5p9xm4K1AIWbZ1WnIS+YqZFmq3gK5rcoQvWV571nNdEHNBwDC5U35ChwDjnIX3pbqDXRCUYXNG6ee+Xg8yWlA4vnZrOKBae7NMU
XBtl12shw184X/00e61kD+0= root@ip-172-31-11-136
root@ip-172-31-11-136:~/.ssh#

```

Ansible slave:-

root@ip-172-31-16-10:/home/ubuntu# cd /root/.ssh/ root@ip-172-31-16-10:~/.ssh# ls root@ip-172-31-16-10:~/.ssh# nano authorized_keys

```
GNU nano 7.2 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 AAAA
ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQGDUY0Nk5z3kcXl2wz94wJ0UBJCBEN77CAB3941b8eKOPaTsQoa7SUXHuvT0n1Q0npLVQfMphkhW2n9umc7gLfTWQ5LGBqkX0D1LtZHBwFgr87c/kJu12P1BgenV4GTHuKsHt3ncH/

38 packages can be upgraded. Run 'apt list --upgradable' to see them.
root@ip-172-31-9-246:/home/ubuntu# cd /root/.ssh/
root@ip-172-31-9-246:~/ssh# ls
authorized_keys
root@ip-172-31-9-246:~/ssh# nano authorized_keys
root@ip-172-31-9-246:~/ssh# nano authorized_keys
root@ip-172-31-9-246:~/ssh# nano /etc/ssh/sshd_config
root@ip-172-31-9-246:~/ssh# nano /etc/ssh/sshd_config
root@ip-172-31-9-246:~/ssh#
```

```
GNU nano 7.2 /etc/ssh/sshd_config
#SyslogFacility AUTH
#LogLevel INFO

# Authentication:

#LoginGraceTime 2m
#PermitRootLogin prohibit-password
PermitRootLogin yes
#StrictModes yes
#MaxAuthTries 6
#MaxSessions 10

#PubkeyAuthentication yes

# Expect .ssh/authorized_keys2 to be disregarded by default in future.
#AuthorizedKeysFile .ssh/authorized_keys .ssh/authorized_keys2

#AuthorizedPrincipalsFile none
```

STEP7 :

Ansible-master: 1] root@ip-172-31-18-177:~/ssh# ansible -m ping all

2] root@ip-172-31-18-177:~/ssh# ansible client_1 -m setup

```
root@ip-172-31-11-136:~/ssh# ansible -m ping all
The authenticity of host '172.31.9.246 (172.31.9.246)' can't be established.
ED25519 key fingerprint is SHA256:xz1L8WkMzcjRk81o9eCqVRlts1THLev3eCtpuif3U.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
[WARNING]: Platform linux on host 172.31.9.246 is using the discovered Python interpreter at /usr/bin/python3.12, but future installation of another Python interpreter could
change the meaning of that path. See https://docs.ansible.com/ansible-core/2.18/reference_appendices/interpreter_discovery.html for more information.
172.31.9.246 | SUCCESS => {
  "ansible_facts": {
    "discovered_interpreter_python": "/usr/bin/python3.12"
  },
  "changed": false,
  "ping": "pong"
}
root@ip-172-31-11-136:~/ssh# ansible client_1 -m setup
[WARNING]: Platform linux on host 172.31.9.246 is using the discovered Python interpreter at /usr/bin/python3.12, but future installation of another Python interpreter could
change the meaning of that path. See https://docs.ansible.com/ansible-core/2.18/reference_appendices/interpreter_discovery.html for more information.
172.31.9.246 | SUCCESS => {
  "ansible_facts": {
    "ansible_all_ipv4_addresses": [
      "172.31.9.246"
    ],
    "ansible_all_ipv6_addresses": [
      "fe80::845:83ff:fe1b:ec2d"
    ],
    "ansible_apparmor": {
      "status": "enabled"
    }
  }
}
```

3] Ansible-slave:

root@ip-172-31-16-10:~/ssh# git --version

So let me remove it

root@ip-172-31-16-10:~/ssh# apt remove

**git root@ip-172-31-16-10:~/ssh# git --
version**

```
root@ip-172-31-9-246:~/ssh# git --version
git version 2.43.0
root@ip-172-31-9-246:~/ssh# apt remove git
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following packages were automatically installed and are no longer required:
  git-man liberror-perl
Use 'sudo apt autoremove' to remove them.
The following packages will be REMOVED:
  git ubuntu-server
0 upgraded, 0 newly installed, 2 to remove and 38 not upgraded.
After this operation, 22.2 MB disk space will be freed.
Do you want to continue? [Y/n] y
(Reading database ... 71716 files and directories currently installed.)
Removing ubuntu-server (1.539.2) ...
Removing git (2.43.0-1ubuntu7.3) ...
root@ip-172-31-9-246:~/ssh# git --version
bash: /usr/bin/git: No such file or directory
root@ip-172-31-9-246:~/ssh#
```

**Ansible-master: root@ip-172-31-18-177:~/ssh# ansible client_1 -m apt -a
"name=git state=present" --become**

```
root@ip-172-31-11-136:~/ssh# ansible client_1 -m apt -a "name=git state=present" --become
[WARNING]: Platform linux on host 172.31.9.246 is using the discovered Python interpreter at /usr/bin/python3.12, but future installation of another Python interpreter could
change the meaning of that path. See https://docs.ansible.com/ansible-core/2.18/reference_appendices/interpreter_discovery.html for more information.
172.31.9.246 | CHANGED => {
  "ansible_facts": {
    "discovered_interpreter_python": "/usr/bin/python3.12"
  },
  "cache_update_time": 1759226801,
  "cache_updated": false,
  "changed": true,
  "stderr": "",
  "stderr_lines": [],
  "stdout": "Reading package lists...\nBuilding dependency tree...\nReading state information...\nSuggested packages:\n  git-daemon-run | git-daemon-sysvinit git-doc git-email
  git-gui gitk gitweb\n  git-cvs git-mediawiki git-svn\nThe following NEW packages will be installed:\n  git\n0 upgraded, 1 newly installed, 0 to remove and 38 not upgraded.\nNeed to get 3680 kb of archives.\nAfter this operation, 22.2 MB of additional disk space will be used.\nGet:1 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/main amd64 git amd64 2.43.0-1ubuntu7.3 [3680 kb]\nFetched 3680 kb in 0s (63.5 MB/s)\nSelecting previously unselected package git.\n(Reading database ... \r(Reading database ...
5%\r(Reading database ... 10%\r(Reading database ... 15%\r(Reading database ... 20%\r(Reading database ... 25%\r(Reading database ... 30%\r(Reading database ... 35%\r(Reading d
atabase ... 40%\r(Reading database ... 45%\r(Reading database ... 50%\r(Reading database ... 55%\r(Reading database ... 60%\r(Reading database ... 65%\r(Reading database ... 70
%\r(Reading database ... 75%\r(Reading database ... 80%\r(Reading database ... 85%\r(Reading database ... 90%\r(Reading database ... 95%\r(Reading database ... 100%\r(Reading d
```

Ansible-slave:

root@ip-172-31-16-10:~/ssh# git --version

How to uninstall package from a ansible-master machine?

In ansible-slave machine : root@ip-172-31-16-10:~/ssh# nano test.txt


```

    "No VM guests are running outdated hypervisor (qemu) binaries on this host."
  ]
}
root@ip-172-31-11-138:~/.ssh# ansible client_1 -m apt -a "name=nano state=absent" --become
[WARNING]: Platform linux on host 172.31.9.246 is using the discovered Python interpreter at /usr/bin/python3.12, but future installation of another Python interpreter could
change the meaning of that path. See https://docs.ansible.com/ansible-core/2.18/reference_appendices/interpreter_discovery.html for more information.
172.31.9.246 | CHANGED => {
  "ansible_facts": {
    "discovered_interpreter_python": "/usr/bin/python3.12"
  },
  "changed": true,
  "stderr": "",
  "stderr_lines": [],
  "stdout": "Reading package lists...Building dependency tree...Reading state information...The following packages will be REMOVED:\n nano\n0 upgraded, 0 newly install
ed, 1 to remove and 38 not upgraded.\nAfter this operation, 856 kB disk space will be freed.\n(Reading database ... \r(Reading database ... 5%\r(Reading database ... 10%\r(Read
ing database ... 15%\r(Reading database ... 20%\r(Reading database ... 25%\r(Reading database ... 30%\r(Reading database ... 35%\r(Reading database ... 40%\r(Reading database .
.. 45%\r(Reading database ... 50%\r(Reading database ... 55%\r(Reading database ... 60%\r(Reading database ... 65%\r(Reading database ... 70%\r(Reading database ... 75%\r(Readi
ng database ... 80%\r(Reading database ... 85%\r(Reading database ... 90%\r(Reading database ... 95%\r(Reading database ... 100%\r(Reading database ... 71713 files and director
ies currently installed.)\r\nRemoving nano (7.2-2ubuntu0.1) ... \r\nupdate-alternatives: using /usr/bin/vim.basic to provide /usr/bin/editor (editor) in auto mode\r\nProcessing
triggers for install-info (7.1-3build2) ... \r\nProcessing triggers for man-db (2.12.0-4build2) ... \r\n"
}

```

```

The following packages were automatically installed and are no longer required:
  git-nan liberror-perl
Use 'sudo apt autoremove' to remove them.
The following packages will be REMOVED:
  git ubuntu-server
0 upgraded, 0 newly installed, 2 to remove and 38 not upgraded.
After this operation, 22.2 MB disk space will be freed.
Do you want to continue? [Y/n] y
(Reading database ... 71716 files and directories currently installed.)
Removing ubuntu-server (1.539.2) ...
Removing git (1:2.43.0-1ubuntu7.3) ...
root@ip-172-31-9-246:~/.ssh# git --version
bash: /usr/bin/git: No such file or directory
root@ip-172-31-9-246:~/.ssh# git --version
git version 2.43.0
root@ip-172-31-9-246:~/.ssh# nano test.txt
root@ip-172-31-9-246:~/.ssh# nano test.txt
bash: /usr/bin/nano: No such file or directory
root@ip-172-31-9-246:~/.ssh# nano test.txt
root@ip-172-31-9-246:~/.ssh#

```

Conclusion:-

In the experiment, we successfully installed Ansible on top of AWS Instance. Also, configured SSH access to Ansible slave and setup ansible host and tested connection.