Software Provisioning and Configuration Management

LAB FILE SUBMITTED BY:

NAME: Palak Gupta
SAP ID: 500109569
Roll no: R2142221387
BATCH: 1 Devops

Lab Exercise 04

Executing Ansible Modules

Objective: To demonstrate the use of the Ansible module for server configuration and management

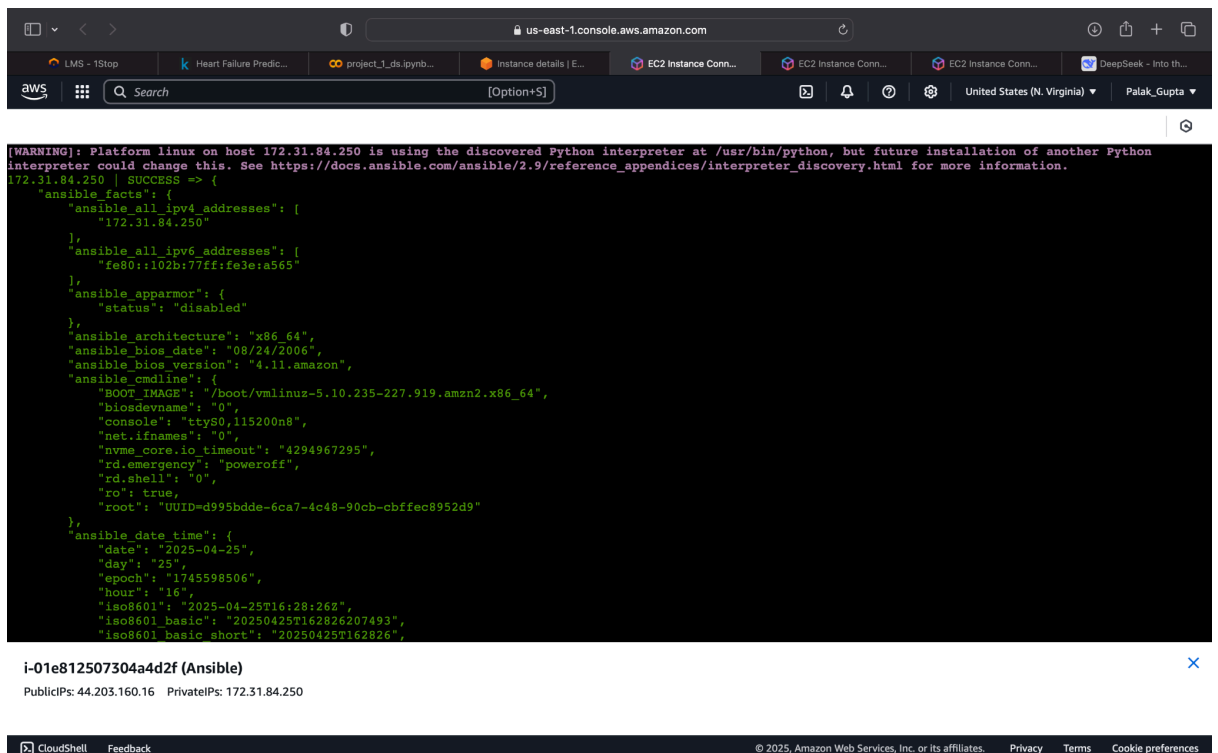**Tools required:** Linux terminal

Prerequisites: None

Steps to be followed:
1. Use Ansible modules for server configuration

Step 1: Use Ansible modules for server configuration

1.1 Run the following command using the **setup** module to collect and display detailed system information about the servers:
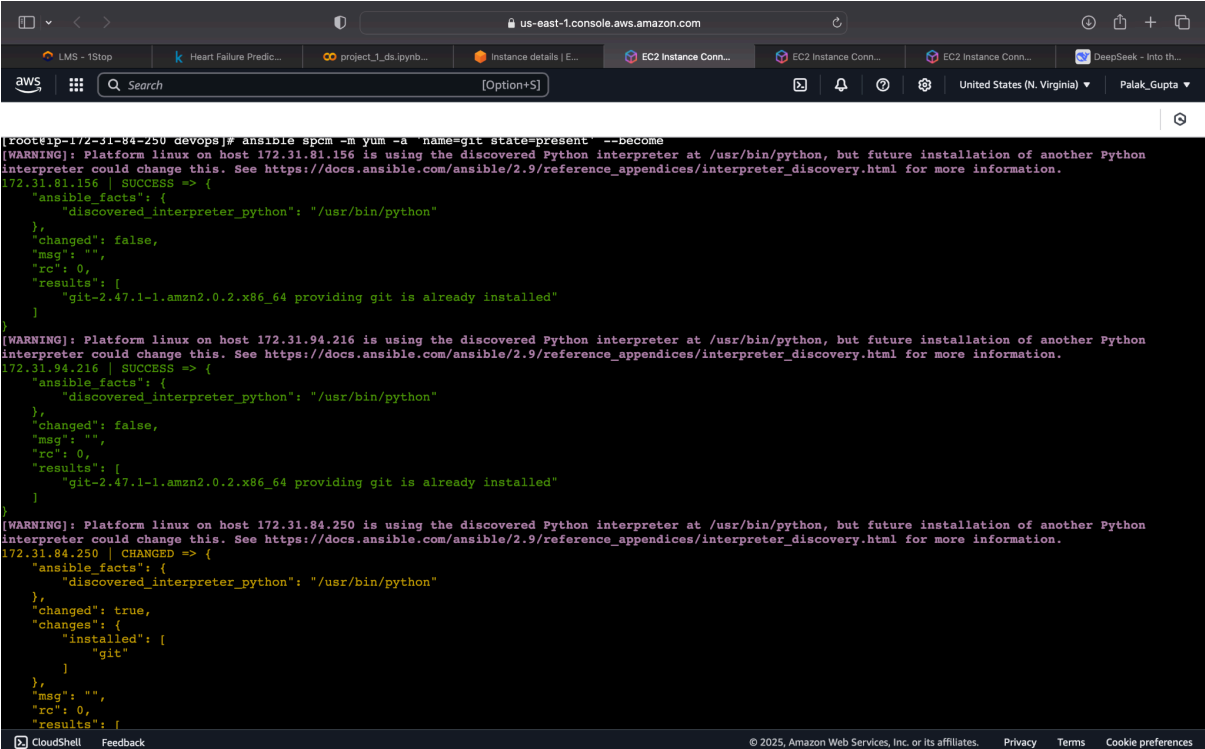
ansible -m setup dbservers

1.2 Run the following command using the **shell** module to retrieve server hostnames:
   ansible dbservers -m shell -a 'hostname'

```
[root@ip-172-31-84-250 devops]# ansible spcm -m shell -a 'hostname'
[WARNING]: Platform linux on host 172.31.81.156 is using the discovered Python interpreter at /usr/bin/python, but future installation of another Python
interpreter could change this. See https://docs.ansible.com/ansible/2.9/reference_appendices/interpreter_discovery.html for more information.
172.31.81.156 | CHANGED | rc=0 >>
ip-172-31-81-156.ec2.internal
[WARNING]: Platform linux on host 172.31.94.216 is using the discovered Python interpreter at /usr/bin/python, but future installation of another Python
interpreter could change this. See https://docs.ansible.com/ansible/2.9/reference_appendices/interpreter_discovery.html for more information.
172.31.94.216 | CHANGED | rc=0 >>
ip-172-31-94-216.ec2.internal
[WARNING]: Platform linux on host 172.31.84.250 is using the discovered Python interpreter at /usr/bin/python, but future installation of another Python
interpreter could change this. See https://docs.ansible.com/ansible/2.9/reference_appendices/interpreter_discovery.html for more information.
172.31.84.250 | CHANGED | rc=0 >>
ip-172-31-84-250.ec2.internal
```

1.3 Run the following command using the **apt** module to install Git on servers:
   ansible dbservers -m yum -a 'name=git state=present' - - become