Module 5: Ansible Assignment - 2

Tasks To Be Performed:

1. Create a script which can add text “This text has been added by custom script” to /tmp.1.txt

2. Run this script using Ansible on all the hosts

SOLUTION:

Step1: Cheked /tmp.1.txt not present on both Slaves

```
ubuntu@ip-172-31-8-186:~$ cd
ubuntu@ip-172-31-8-186:~$ cd /temp
-bash: cd: /temp: No such file or directory
ubuntu@ip-172-31-8-186:~$ cd /tmp
ubuntu@ip-172-31-8-186:/tmp$ ls
hsperfdata_root
hsperfdata_ubuntu
snap-private-tmp
systemd-private-d5769c9c228a4ef9911debcd32554ae2-ModemManager.service-A2KeK6
systemd-private-d5769c9c228a4ef9911debcd32554ae2-chrony.service-Yii0P0
systemd-private-d5769c9c228a4ef9911debcd32554ae2-polkit.service-ZDKOT9
systemd-private-d5769c9c228a4ef9911debcd32554ae2-systemd-logind.service-zyab35
systemd-private-d5769c9c228a4ef9911debcd32554ae2-systemd-resolved.service-4frlBO
ubuntu@ip-172-31-8-186:/tmp$
```

i-0b34b819b3084418a (Ansible-S1)

PublicIPs: 65.2.78.174 PrivateIPs: 172.31.8.186

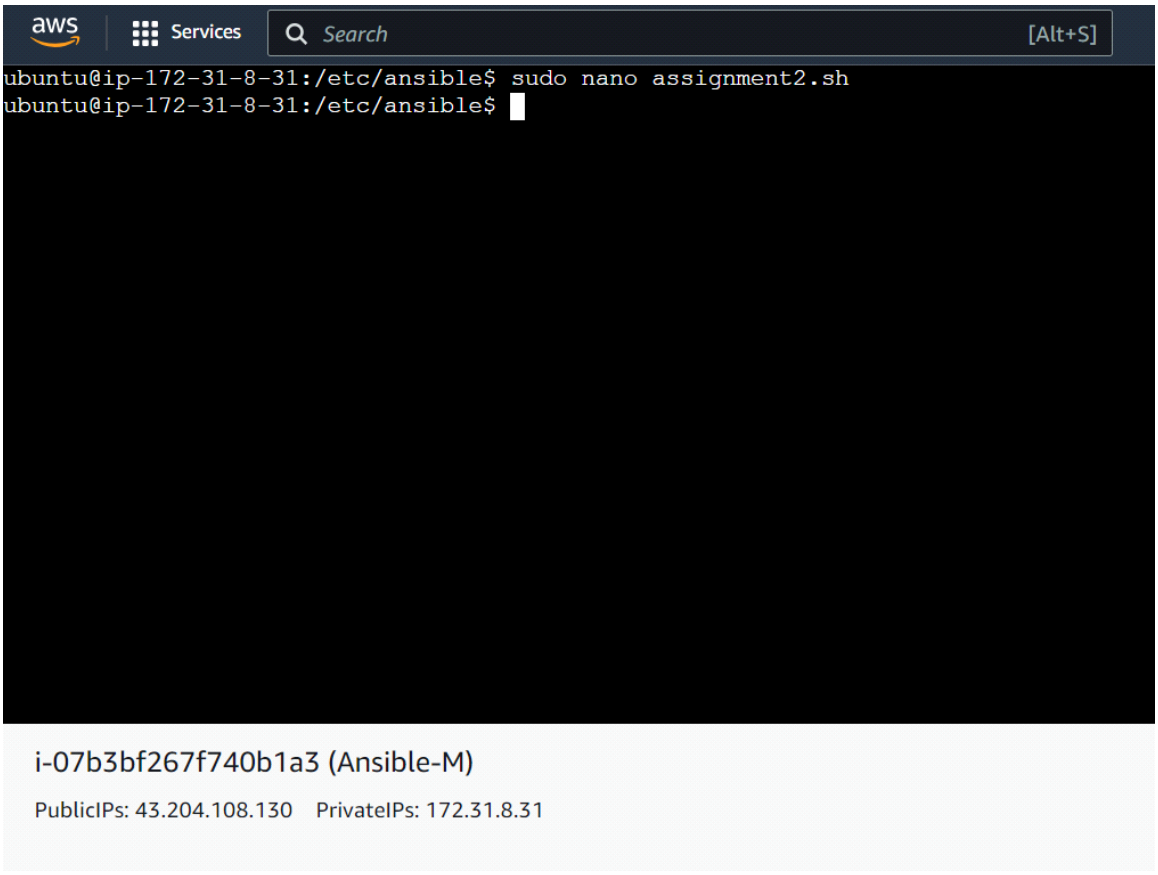
```
ubuntu@ip-172-31-9-136:~$ cd /temp
-bash: cd: /temp: No such file or directory
ubuntu@ip-172-31-9-136:~$ cd /tmp
ubuntu@ip-172-31-9-136:/tmp$ ls
snap-private-tmp
systemd-private-b921ad6d7738479eb376b5f24414ac6e-ModemManager.service-ecaA3d
systemd-private-b921ad6d7738479eb376b5f24414ac6e-chrony.service-tVo2xA
systemd-private-b921ad6d7738479eb376b5f24414ac6e-polkit.service-3nX3Sq
systemd-private-b921ad6d7738479eb376b5f24414ac6e-systemd-logind.service-fxtkI6
systemd-private-b921ad6d7738479eb376b5f24414ac6e-systemd-resolved.service-uFZxav
tmp.XDvfDEY3H8
ubuntu@ip-172-31-9-136:/tmp$
```

i-00e222e2f8f755356 (Ansible-S2)

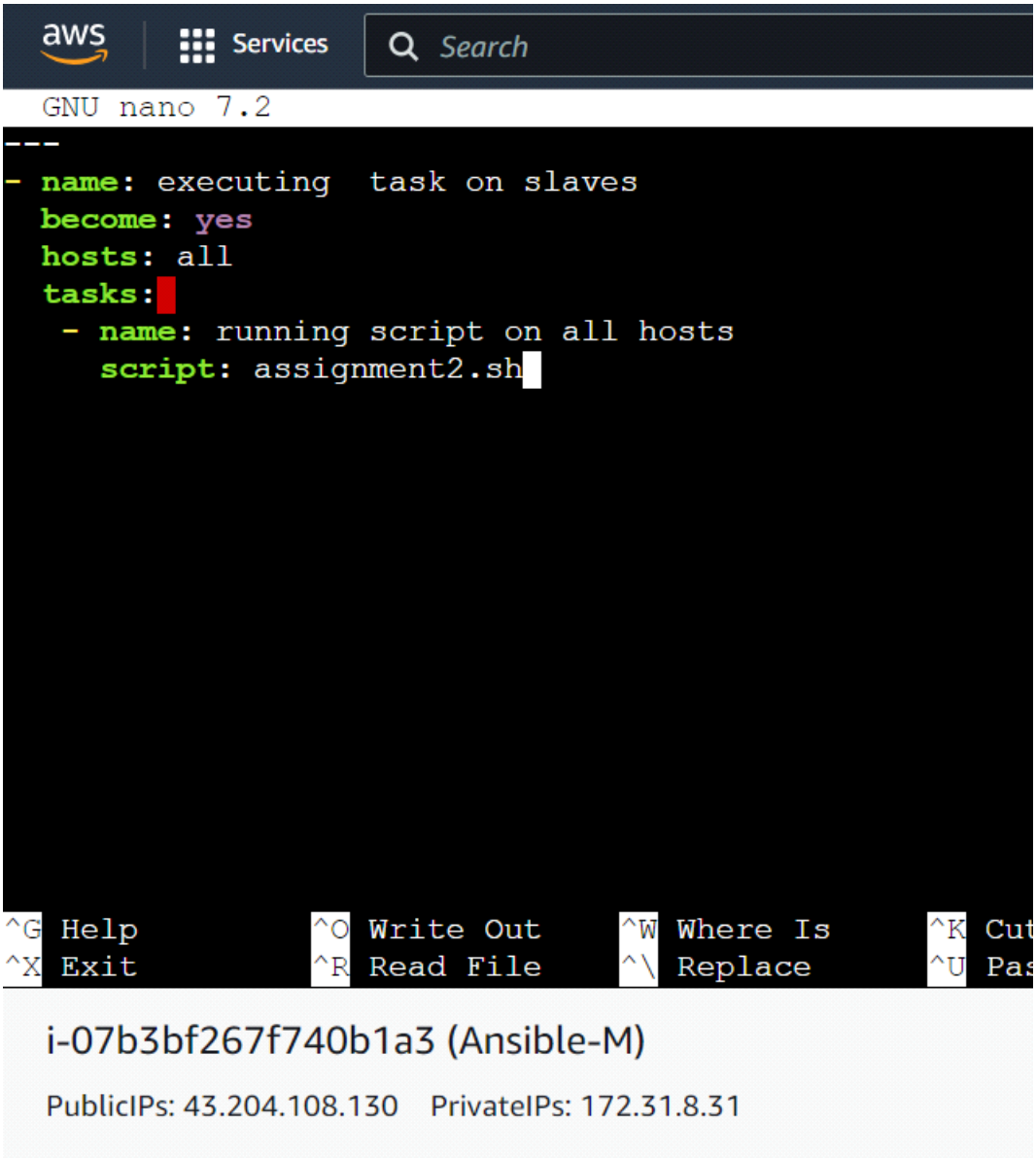
PublicIPs: 13.201.133.142 PrivateIPs: 172.31.9.136

Step 2: Create the Script

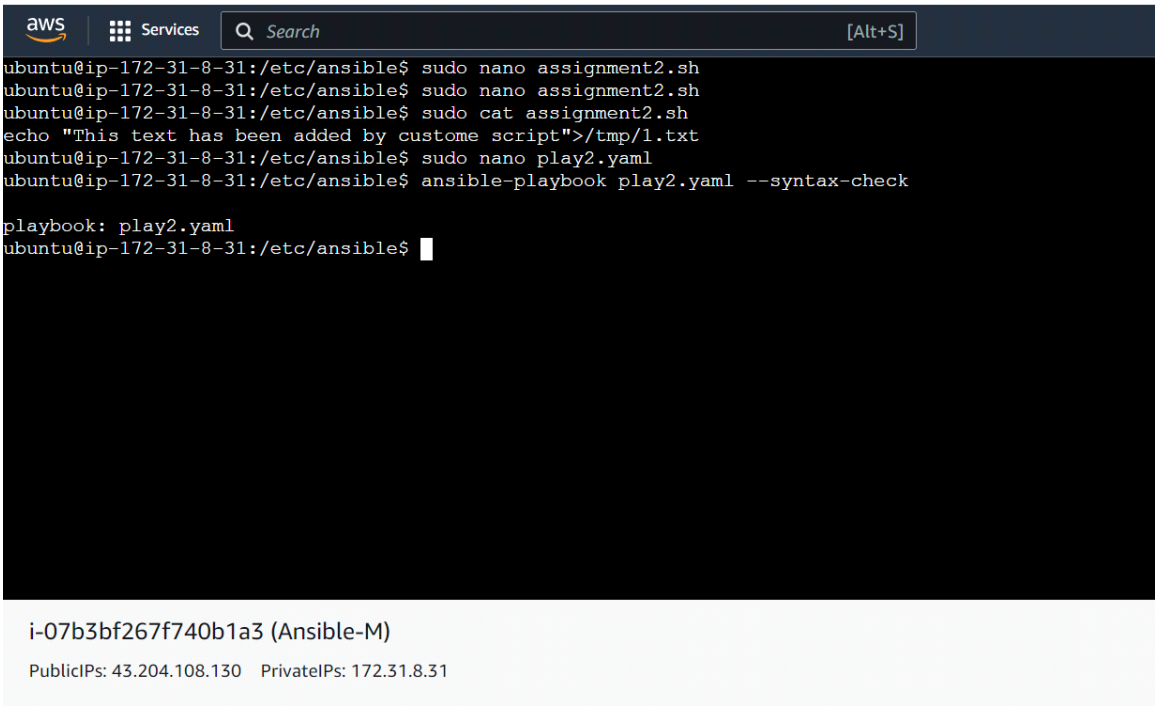
Create a shell script named assignment2.sh with the following content:



Step 3: Create an Ansible Playbook



Step 4: Running the Playbook




```
ubuntu@ip-172-31-8-31:/etc/ansible$ ansible-playbook play2.yaml --check

PLAY [executing  task on slaves] ***********************************************************

TASK [Gathering Facts] *********************************************************************
ok: [Slave1]
ok: [Slave2]

TASK [running script on all hosts] *********************************************************
skipping: [Slave1]
skipping: [Slave2]

PLAY RECAP *********************************************************************************
Slave1                     : ok=1    changed=0    unreachable=0    failed=0    skipped=1    rescue
Slave2                     : ok=1    changed=0    unreachable=0    failed=0    skipped=1    rescue

ubuntu@ip-172-31-8-31:/etc/ansible$
```

```
ubuntu@ip-172-31-8-31:/etc/ansible$ ansible-playbook play2.yaml

PLAY [executing  task on slaves] ***********************************************

TASK [Gathering Facts] *********************************************************
ok: [Slave2]
ok: [Slave1]

TASK [running script on all hosts] *********************************************
changed: [Slave2]
changed: [Slave1]

PLAY RECAP *********************************************************************
Slave1                     : ok=2    changed=1    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0
Slave2                     : ok=2    changed=1    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0

ubuntu@ip-172-31-8-31:/etc/ansible$
```

i-07b3bf267f740b1a3 (Ansible-M)

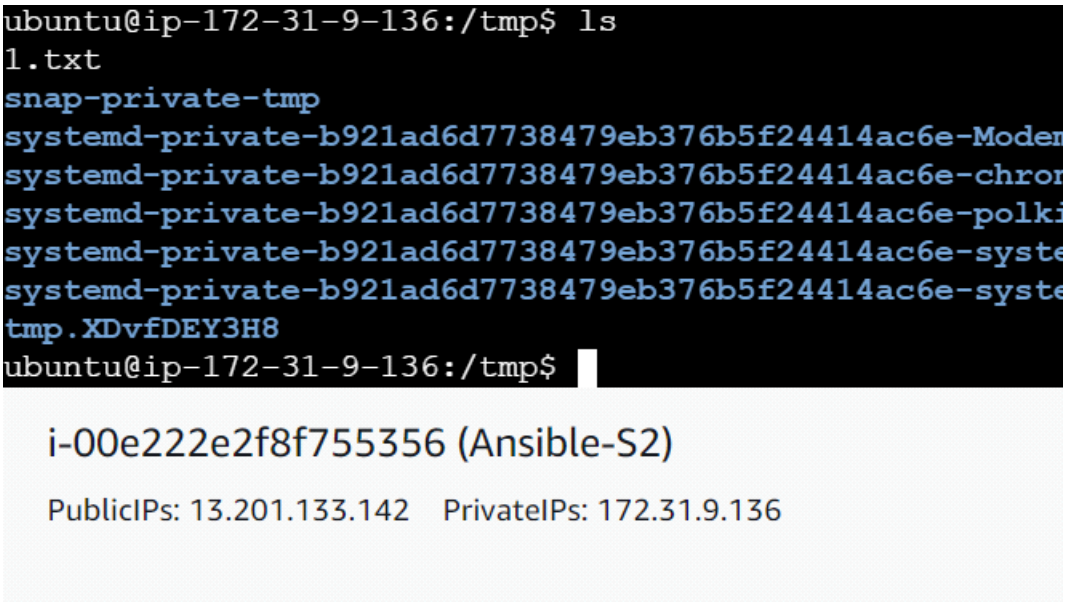
PublicIPs: 43.204.108.130 PrivateIPs: 172.31.8.31

Step5: Checked on the both slaves

```
ubuntu@ip-172-31-8-186:/tmp$ ls
1.txt
hsperfdata_root
hsperfdata_ubuntu
snap-private-tmp
systemd-private-d5769c9c228a4ef9911debcd325
systemd-private-d5769c9c228a4ef9911debcd325
systemd-private-d5769c9c228a4ef9911debcd325
systemd-private-d5769c9c228a4ef9911debcd325
systemd-private-d5769c9c228a4ef9911debcd325
systemd-private-d5769c9c228a4ef9911debcd325
ubuntu@ip-172-31-8-186:/tmp$
```

i-0b34b819b3084418a (Ansible-S1)

PublicIPs: 65.2.78.174 PrivateIPs: 172.31.8.186


ubuntu@ip-172-31-9-136:/tmp$ ls
1.txt
snap-private-tmp
systemd-private-b921ad6d7738479eb376b5f24414ac6e-Moden
systemd-private-b921ad6d7738479eb376b5f24414ac6e-chron
systemd-private-b921ad6d7738479eb376b5f24414ac6e-polki
systemd-private-b921ad6d7738479eb376b5f24414ac6e-syste
systemd-private-b921ad6d7738479eb376b5f24414ac6e-syste
tmp.XDvfDEY3H8
ubuntu@ip-172-31-9-136:/tmp$
i-00e222e2f8f755356 (Ansible-S2)
PublicIPs: 13.201.133.142 PrivateIPs: 172.31.9.136