Module-6: Ansible Assignment - 2

You have been asked to:

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

● Run this script using Ansible on all the hosts

Solution:

1) In master create a shell script which will print text "This text has been added by custom script" to /tmp.1.txt
   Vi custom-script.sh
   echo "This text has been added by custom script" > /tmp/1.txt

i-00977ce33d5f839ce (my-master)

PublicIPs: 13.201.37.166   PrivateIPs: 172.31.47.65

2) Create a playbook and run the shell script above > vi run_script.yml
   - hosts: slave1
     tasks:
      - name: run custom-script
        script: custom-script.sh
        become: yes
   - hosts: slave2
     tasks:
      - name: run custom-script
        script: custom-script.sh
        become: yes

3) Check syntax error

```
ubuntu@ip-172-31-47-65:~$ sudo vi run_script.yml
ubuntu@ip-172-31-47-65:~$ ansible-playbook run_script.yml --syntax -check

playbook: run_script.yml
ubuntu@ip-172-31-47-65:~$
```

4) Run the playbook

```
ubuntu@ip-172-31-47-65:/etc/ansible$ ansible-playbook run_script.yml

PLAY [slave1] ********************************************************************

TASK [Gathering Facts] **********************************************************
[WARNING]: Platform linux on host 172.31.45.209 is using the discovered Python interpreter a
Python interpreter could change the meaning of that path. See https://docs.ansible.com/ansib
core/2.17/reference_appendices/interpreter_discovery.html for more information.
ok: [172.31.45.209]

TASK [run custom-script] ********************************************************
changed: [172.31.45.209]

PLAY [slave2] ********************************************************************

TASK [Gathering Facts] **********************************************************
[WARNING]: Platform linux on host 172.31.42.122 is using the discovered Python interpreter a
Python interpreter could change the meaning of that path. See https://docs.ansible.com/ansib
core/2.17/reference_appendices/interpreter_discovery.html for more information.
ok: [172.31.42.122]

TASK [run custom-script] ********************************************************
changed: [172.31.42.122]

PLAY RECAP **********************************************************************
172.31.42.122              : ok=2    changed=1    unreachable=0    failed=0    skipped=0
172.31.45.209              : ok=2    changed=1    unreachable=0    failed=0    skipped=0

ubuntu@ip-172-31-47-65:/etc/ansible$
```

i-00977ce33d5f839ce (my-master)

PublicIPs: 13.201.37.166   PrivateIPs: 172.31.47.65

5) Go to the slave and go to the tmp folder and we can see the message

```
ubuntu@ip-172-31-45-209:/tmp$ ls
' custom-script.sh'    systemd-private-ea459:
 1.txt                 systemd-private-ea459:
 custom-script.sh      systemd-private-ea459:
 hsperfdata_root       systemd-private-ea459:
 hsperfdata_ubuntu     systemd-private-ea459:
 snap-private-tmp
ubuntu@ip-172-31-45-209:/tmp$ cat 1.txt
"This text has been added by custom script"
ubuntu@ip-172-31-45-209:/tmp$
```

i-045453d95ea4524bb (my-slave-1)

PublicIPs: 3.111.214.104   PrivateIPs: 172.31.45.209

```
ubuntu@ip-172-31-42-122:~$ cd /tmp
ubuntu@ip-172-31-42-122:/tmp$ ls
' custom-script.sh'
 1.txt
 snap-private-tmp
 systemd-private-0d5cd7145a7c4f778df60fe65a3d96b6-M
 systemd-private-0d5cd7145a7c4f778df60fe65a3d96b6-c
 systemd-private-0d5cd7145a7c4f778df60fe65a3d96b6-f
 systemd-private-0d5cd7145a7c4f778df60fe65a3d96b6-p
 systemd-private-0d5cd7145a7c4f778df60fe65a3d96b6-s
 systemd-private-0d5cd7145a7c4f778df60fe65a3d96b6-s
 tmp.qfsrmNLlXP
ubuntu@ip-172-31-42-122:/tmp$ cat 1.txt
"This text has been added by custom script"
ubuntu@ip-172-31-42-122:/tmp$
```

i-001afa358d0ae6eb3 (my-slave-2)

PublicIPs: 43.204.38.23   PrivateIPs: 172.31.42.122