Module 5: Ansible Assignment – 2

Ansible master node Ip: 172.31.37.202

Ansible slave1 Ip: 172.31.36.186

Ansible slave2 ip: 172.31.40.104

1. Create a script which can add text "This text has been added by custom script" to /tmp.1.txt
   Create a script named "add_text.sh" using $ vi add_text.sh

```bash
#!/bin/bash
echo text "This text has been added by custom script">> /tmp.1.txt
~
~
~
~
~
~
```

2. Run this script using Ansible on all the hosts
   To run the above shell script, write a ansible playbook run_custom_script.yml using
   command $ vi run_custom_script.yml

```yaml
---
- name: run the custom script
  hosts: all
  become: yes
  tasks:
    - name: Copy the script file
      copy:
        src: /home/ubuntu/add_text.sh
        dest: /tmp/

    - name: Execute the script
      shell: sh /tmp/add_text.sh




~
~
~
~
~
~
"run_custom_script.yml" 14L, 248B
```

i-00341eca9bde22ae5 (Ansible Master)

PublicIPs: 3.84.152.187   PrivateIPs: 172.31.37.202

Now to execute the shell script in all ansible hosts, run the ansible playbook

```
ubuntu@ansible-master:~$ ansible-playbook run_custom_script.yml --syntax-check

playbook: run_custom_script.yml
ubuntu@ansible-master:~$ ansible-playbook run_custom_script.yml

PLAY [run the custom script] ***********************************************************************************

TASK [Gathering Facts] *****************************************************************************************
ok: [slave1]
ok: [slave2]

TASK [Copy the script file] ************************************************************************************
changed: [slave2]
changed: [slave1]

TASK [Execute the script] **************************************************************************************
changed: [slave2]
changed: [slave1]

PLAY RECAP *****************************************************************************************************
slave1                     : ok=3    changed=2    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0
slave2                     : ok=3    changed=2    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0
```

We can check this in slave nodes

```
ubuntu@ansible:~$ cd /
ubuntu@ansible:/$ ls
bin     dev     home    lib32   libx32          media   opt     root    sbin    srv     tmp                 usr
boot    etc     lib     lib64   lost+found      mnt     proc    run     snap    sys     tmp.1.txt           var
ubuntu@ansible:/$ cat tmp.txt
cat: tmp.txt: No such file or directory
ubuntu@ansible:/$ cat tmp.1.txt
text "This text has been added by custom script"
ubuntu@ansible:/$ 
```

i-0f369369a7c286221 (A.slave1)

PublicIPs: 54.86.9.49   PrivateIPs: 172.31.36.186