

Software Provisioning and Configuration Management

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

```
---
- hosts: gfg
user: gfg
become: yes
connection: ssh
gather_facts: yes
```

```
| PLAY [spcm] |
```

Target 2.yml

```
---
- hosts: gfg
user: gfg
become: yes
connection: ssh
tasks:
- name: Install HTTPD
action: yum name=httpd state=present
- name: Install NGINX
action: yum name=nginx state=present
```

```
---
- hosts: spcm
user: devops
become: yes
connection: ssh
tasks:
- name: Install HTTPD
action: yum name=httpd state=present
- name: Install NGINX
action: yum name=nginx state=present
```

Target3.yml

```
---
- hosts: gfg
user: gfg
become: yes
connection: ssh
vars:
   pkgname: httpd
   currstatus: absent
tasks:
   - name: Un-Install HTTPD
   action: yum name='{{pkgname}}' state='{{currstatus}}'
```

```
- hosts: spcm
user: devops
become: yes
connection: ssh
vars:
   pkgname: httpd
   currstatus: absent
tasks:
   - name: Un-Install HTTPD
   action: yum name='{{pkgname}}' state='{{currstatus}}'
```

```
[root8ip-172-31-84-250 devops]# vi target3.yml
[root8ip-172-31-84-250 devops]# ansible-playbook target3.yml

TASK [Gathering Facts]
[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.

ON: [172.31.94.216]
[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.

ON: [172.31.91.156]
[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.

ON: [172.31.81.34.250]

TASK [Un-Install HTTPD]
changed: [172.31.384.250]

PLAY RECAP

TASK [Un-Install HTTPD]
changed: [172.31.84.250]

PLAY RECAP

TASK [Un-Install HTTPD]
changed: [172.31.84.250]

PLAY RECAP

TASK [Un-Install HTTPD]
changed: [172.31.84.250]

TASK [Un-Install HTTPD]
c
```

Traget4.yml

```
---
- hosts: gfg
user: gfg
become: yes
connection: ssh
tasks:
- name: Debian Family
command: apt-get install apache2 -y
when: ansible_os_family == "Debian"
- name: RedHat Family
command: yum install httpd -y
when: ansible_os_family == "RedHat"
```

```
----
- hosts: spcm
  user: devops
  become: yes
  connection: ssh
  tasks:
    - name: Debian Family
      command: apt-get install apache2 -y
      when: ansible_os_family == "Debian"
      - name: RedHat Family
      command: yum install httpd -y
      when: ansible_os_family == "RedHat"
```

```
[root8ip-172-31-84-250 devops]# ansible-playbook target4.yml

PLAY [spcm]

TASK [Gathering Facts]
[MANNING]: 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.

ok: [172.31.81.156]
[WANNING]: 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.

ok: [172.31.84.126]
[WANNING]: 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.

ok: [172.31.84.250]

TASK [Redlat Family]
[WANNING]: Consider using the yum module rather than running 'yum'. If you need to use command because yum is insufficient you can add 'warn: false' to this changed: [172.31.94.216]

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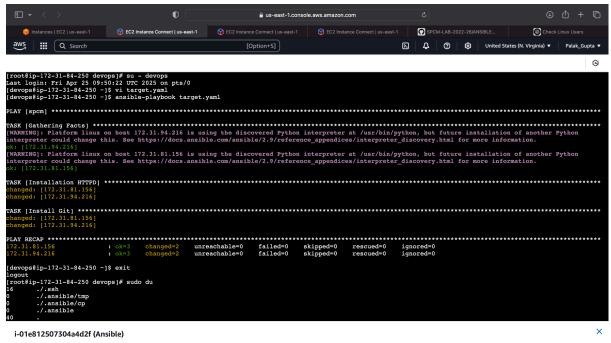
TASK [Red
```

Traget5.yml

```
---
- hosts: spcm
  user: devops
become: yes
  connection: ssh
  vars:
    currstate: present
  tasks:

    - name: Installation HTTPD
      action: yum name=httpd state='{{currstate}}'
    - name: Install Git
      action: yum name=git state='{{currstate}}'
```

```
- hosts: spcm
user: devops
become: yes
connection: ssh
vars:
    currstate: present
tasks:
    - name: Installation HTTPD
    action: yum name=httpd state='{{currstate}}'
    - name: Install Git
    action: yum name=git state='{{currstate}}'
```



PublicIPs: 54.205.32.40 PrivateIPs: 172.31.84.250

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