Ansible adhoc commands:

====================================================================

ansible -i inventory all -m ping

ansible -i inventory all -m command -a "uptime"

ansible -i inventory all -m apt -a "name=apache2 state=latest"

ansible -i inventory all -m service -a "name=apache2 state=restarted"

source machine: touch /home/ubuntu/test

ansible -i inventory all -m copy -a "src=/home/ubuntu/test dest=/home/ubuntu/edupoly"

ansible -i inventory all -m shell -a "df -h"

ansible -i inventory all -m shell -a "free -m"

ansible -i inventory all -m systemd -a "name=apache2 state=started" --become

ansible -i inventory all -m file -a "path=/home/ubuntu/test state=directory"

ansible -i inventory all -m file -a "path=/home/ubuntu/edupoly/test state=absent"

ansible -i inventory all -m shell -a "<command>"

ansible -i inventory all -m fetch -a "src=/home/ubuntu/test dest=/home/ubuntu"

ansible -i inventory all -m user -a "name=vasu state=present"

ansible -i inventory all -m service -a "state=restarted" restart all services in target machine

ansible -i inventory all -m shell -a "date" --become --become-user=vasu

ansible -i inventory all -m stat -a "path=/home/ubuntu/test"

ansible -i inventory all -m shell -a "ps aux | grep apache2"

ansible -i inventory all -m shell -a "dpkg -l | grep apache2"

ansible -i inventory all -m shell -a "free -m" | tee output.txt

ansible -i inventory all -m shell -a "curl ifconfig.me"

ansible -i inventory all -m systemd -a "name=apache2 status"

ansible -i inventory all -m script -a "/home/ubuntu/test.sh"

ansible -i inventory all -m shell -a "netstat -tuln | grep :22"

===========================================================================

sample ansible playbooks for practice

===========================================================================

---

- name: 'Execute commands on host'

hosts: localhost

become: true

tasks:

- name: 'execute date command'

command: 'date'

---------------------------------------------------

---

- name: 'Execute two commands on localhost'

hosts: all

become: yes

tasks:

- name: 'Execute a date command'

command: date

- name: 'Task to display nameservers'

command: 'cat /etc/resolv.conf'

---------------------------------------------------

---

- name: 'Execute shell commands on host'

hosts: localhost

become: true

tasks:

- name: 'execute date command'

shell: 'ps aux | grep -i apache2'

ansible-playbook -i inventory playbook.yaml

dpkg -l | grep <package\_name>

curl ifconfig.me

---------------------------------------------------

- hosts: <group\_name>

tasks:

- name: Check if file exists

stat:

path: <file\_path>

register: file\_status

- name: Display file status

debug:

msg: "File exists: {{ file\_status.stat.exists }}"

---------------------------------------------------

- hosts: <group\_name>

tasks:

- name: Execute command and save output to file

shell: "<command>"

register: command\_output

- name: Save output to file

copy:

content: "{{ command\_output.stdout }}"

dest: output.txt

---------------------------------------------------

---

- name: 'Execute commands on host'

hosts: all

become: true

tasks:

- name: 'execute date command'

systemd:

name: apache2

state: started

---------------------------------------------------

script should be available in source machine:

---

- name: 'Execute commands on host'

hosts: all

become: true

tasks:

- name: 'run custom script'

script: '/home/ubuntu/test.sh'

---------------------------------------------------

---

- name: 'Execute commands on host'

hosts: all

become: true

tasks:

- name: 'system information'

setup :

---------------------------------------------------

- hosts: all

tasks:

- name: Check if SSH is running

shell: netstat -tuln | grep :22

---------------------------------------------------