

Q:6:

Created a simple ansible playbook:

```
master@master-vm:~/Desktop$ cat update-packages.yml
---
- name: Update all packages on remote hosts
  hosts: all
  become: yes
  tasks:

    - name: Update packages on Debian/Ubuntu
      apt:
        update_cache: yes
        upgrade: dist
      when: ansible_facts['os_family'] == "Debian"

    - name: Update packages on RHEL/CentOS/Fedora
      yum:
        name: '*'
        state: latest
      when: ansible_facts['os_family'] == "RedHat"

    - name: Update packages on Amazon Linux
      package:
        name: '*'
        state: latest
      when: ansible_facts['distribution'] == "Amazon"
```

And I ran the playbook:

```
master@master-vm:~/Desktop$ ansible-playbook update-packages.yml -i /home/master/Desktop/inventory/hosts --ask-pass --ask-become-pass
SSH password:
BECOME password[defaults to SSH password]:

PLAY [Update all packages on remote hosts] *****

TASK [Gathering Facts] *****
ok: [worker2]
ok: [worker1]
ok: [master]

TASK [Update packages on Debian/Ubuntu] *****
changed: [worker2]
changed: [worker1]
```

```

master@master-vm:~/Desktop$ ansible-playbook update-packages.yml -i /home/master/Desktop/inventory/hosts --ask-pass --ask-become-pass
SSH password:
BECOME password[defaults to SSH password]:

PLAY [Update all packages on remote hosts] *****

TASK [Gathering Facts] *****
ok: [worker2]
ok: [worker1]
ok: [master]

TASK [Update packages on Debian/Ubuntu] *****
changed: [worker2]
changed: [worker1]
changed: [master]

TASK [Update packages on RHEL/CentOS/Fedora] *****
skipping: [master]
skipping: [worker1]
skipping: [worker2]

TASK [Update packages on Amazon Linux] *****
skipping: [master]
skipping: [worker1]
skipping: [worker2]

PLAY RECAP *****
master                : ok=2    changed=1    unreachable=0    failed=0    skipped=2    rescued=0    ignored=0
worker1               : ok=2    changed=1    unreachable=0    failed=0    skipped=2    rescued=0    ignored=0
worker2               : ok=2    changed=1    unreachable=0    failed=0    skipped=2    rescued=0    ignored=0

```