TestpassportQ&A

Exam : **EX294**

Title : Red Hat Certified Engineer (RHCE) exam for Red Hat Enterprise

Version : DEMO

1.CORRECT TEXT

Create a file called packages.yml in/home/sandy/ansibleto install some packages for the following hosts. On dev, prod and webservers install packages httpd, mod_ssl, and mariadb. On dev only install the development tools package. Also, on dev host update all the packages to the latest.

Answer:

Solution as:

```
---
- name: install pack
  hosts: dev,test,webservers
  become: true
  tasks:
    - name: install on all hosts in this play
      yum:
        name:
          - httpd
          - mod_ssl
          - mariadb
        state: latest
    - name: install on dev only
      yum:
        name:
          - '@Development tools'
        state: latest
      when: "dev" in group_names
~
```

** NOTE 1 a more acceptable answer is likely 'present' since it's not asking to install the latest
state: present
** NOTE 2 need to update the development node
-name: update all packages on development node
yum: name: '*' state: latest

2.CORRECT TEXT

Create an empty encrypted file calledmyvault.yml in /home/sandy/ansibleand set the passwordtonotsafepw. Rekey the passwordtoiwejfj2221.

Answer:

ansible-vault create myvault.yml Create new password: notsafepw Confirm password: notsafepwansible-vault rekeymyvault.yml
Current password: notsafepw New password: iwejfj2221 Confirm password: iwejfj2221

3.CORRECT TEXT

In /home/sandy/ansible/create a playbook calledlogvol.yml. Inthe play create a logical volume calledIv0and make it of size 1500MiB on volume groupvgOIf there is not enough space in the volume groupprinta message"Not enough space for logical volume"and then make a 800MiBIv0instead. If the volume group still doesn't exist, create a message "Volume group doesn't exist"Create anxfsfilesystem on allIv0logical volumes. Don't mount the logical volume.

Answer:

Solution as:

```
- name: hosts
  hosts: all
  tasks:
   - name: create partition
     parted:
        device: /dev/vdb
        number: 1
        flags: [ lvm ]
        state: present
   - name: create vg
     lvg:
        vg: vg0
        pvs: /dev/vdb1
     when: ansible_devices.vdb.partitions.vdb1 is defined
   - name: create logical volume
     lvol:
        vg: vg0
        lv: lv0
        size: 1500m
     when: ansible_lvm.vgs.vg0 is defined and ( (ansible_lvm.vgs.vg0.size_g | float ) > 1.5)
   - name: send message if  volume group not large enough
     debug:
         msg: Not enough space for logical volume
     when: ansible_lvm.vgs.vg0 is defined and ( (ansible_lvm.vgs.vg0.size_g | float ) < 1.5)
   - name: create a smaller logical volume
     lvol:
        vg: vg0
        lv: lv0
        size: 1500m
     when: ansible_lvm.vgs.vg0 is defined and ( (ansible_lvm.vgs.vg0.size_g | float ) < 1.5)
   - name: create fs
     filesystem:
        dev: /dev/vg0/lv0
        fstype: xfs
     when: ansible_lvm.vgs.vg0 is defined
```

4.CORRECT TEXT
Create a playbook called regulartasks.yml which has the system that append the date to /root/datefile every day at noon. Name is job 'datejob'

Answer:

Solution as:

```
- name: Creates a cron file under /etc/cron.d
  cron:
    name: datejob
    hour: "12"
    user: root
    job: "date >> /root/ datefile"
```

5.CORRECT TEXT

Create anansible vault password file calledlock.ymlwith the passwordreallysafepwin the /home/sandy/ansibledirectory. In the lock.yml file define two variables. One ispw_devand the password is 'dev' and the other ispw_mgrand the password is 'mgr' Create a regular file calledsecret.txtwhich contains the password for lock.yml.

Answer:

ansible-vault create lock.yml New Vault Password: reallysafepw Confirm: reallysafepw

In file:

```
pw_dev: dev
pw_mgr: mgr
```