EX447 Q&As

Red Hat Certified Specialist in Advanced Automation: Ansible Best Practices

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QUESTION 1

CORRECT TEXT

Using the Simulation Program,perform the following tasks:

1.

Use an ansible ad-hoc command, check the connectivity of your servers.

2.

Use an ad-hoc ansible command, find the free space of your servers.

3.

Use an ad-hoc ansible command, find out the memory usage of your servers.

4.

Do an ls -l on the targets /var/log/messages file.

5.

Tail the contents of the targets /var/log/messages file.

A. See the for complete Solution below.

Correct Answer: A

1.

ansible all -m ping

2.

ansible all -a "/bin/df -h"

3.

ansible all-a "/usr/bin/free"

4.

ansible all -a "ls -l /var/log/messages"

5.

ansible local -b -a "tail /var/log/messages"

QUESTION 2

CORRECT TEXT

Create a file calledrequirements.ymlin/home/sandy/ansible/rolesto install two roles. The source for the first role is geerlingguy.haproxy and geerlingguy.php. Name the first haproxy-role and the second php-role. The roles should be installed in /home/sandy/ansible/roles.

A. See the for complete Solution below.

Correct Answer: A

in /home/sandy/ansible/roles vim requirements.yml

```
- src: geerlingguy.haproxy
  name: haproxy-role
- src: geerlingguy. php_role
  name: php_role
```

Run the requirements file from the roles directory:

ansible-galaxy install -r requirements.yml -p /home/sandy/ansible/roles

QUESTION 3

CORRECT TEXT

Create the users in the fileusersjist.ymlfile provided. Do this in a playbook called users.yml located at/home/sandy/ansible.The passwords for these users should be set using thelock.ymlfile from TASK7. When running the playbook, the lock.yml file should be unlocked withsecret.txtfile from TASK 7.

All users with the job of \\'developer\\' should be created on thedevhosts, add them to the group devops, their password should be set using thepw_devvariable. Likewise create users with the job of \\'manager\\' on theproxyhost and add the users to the group \\'managers\\', their password should be set using thepw_mgrvariable.

users_list.yml

```
users:
  - username: bill
    job: developer
  - username: chris
    job: manager
  - username: dave
    job: test
  - username: ethan
    job: developer
```

A. See the for complete Solution below.

Correct Answer: A

ansible-playbook users.yml ult-password-file=secret.txt

```
---
- name: create users
  hosts: all
  vars_files:
    - users_list.yml
    - lock.yml
  tasks:
    - name: create devops group nodes1
      group:
        name: devops
      when: ('dev' in group_names)
    - name: create manager group nodes45
      group:
        name: manager
      when: ('prod' in group_names)
    - name: create devs should happen on node1
      user:
        name: "{{item.username}}"
        groups: devops
        password: "{{ pw_dev | password_hash('sha512') }}"
      when: ('dev' in group_names) and ('developer' in item.job)
      loop: "{{users}}"
    - name: create managers on node45
      user:
        name: "{{item.username}}"
        groups: manager
        password: "{{ pw_mgr | password_hash('sha512') }}"
      when: ('prod' in group_names) and ('manager' in item.job)
      loop: "{{users}}"
~
```

QUESTION 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\\'

A. See the for complete Solution below.

Correct Answer: A

Solution as:

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

QUESTION 5

CORRECT TEXT

Create a file called mysecret.yml on the control host using ansible vault in home/bob/ansible. Set the password to \\'notasafepass\\' and inside the file create avariable called dev_pass with the value of devops. Save the file. Then go back in the file and change dev_pass value to devops123. Then change the vault password of mysecret.yml to verysafepass

A. See the for complete Solution below.

Correct Answer: A

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

In file:

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