

Red Hat

Exam Questions EX447

Red Hat Certified Specialist in Advanced Automation: Ansible Best Practices



NEW QUESTION 1

Create the users in the file userslist.yml file provided. Do this in a playbook called users.yml located at /home/sandy/ansible. The passwords for these users should be set using the lock.yml file from TASK7. When running the playbook, the lock.yml file should be unlocked with secret.txt file from TASK 7. All users with the job of 'developer' should be created on the dev hosts, add them to the group devops, their password should be set using the pw_dev variable. Likewise create users with the job of 'manager' on the proxy host and add the users to the group 'managers', their password should be set using the pw_mgr variable.

users_list.yml

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

Solution:

ansible-playbook users.yml --vault-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}}"
```

Does this meet the goal?

- A. Yes
- B. No

Answer: A

NEW QUESTION 2

Using the Simulation Program, perform the following tasks: Ad-Hoc Ansible Commands (Number Two) Task:

- * 1. Use the ad-hoc command to make sure php is installed.
- * 2. Use the ad-hoc command to make sure that php is installed and is the latest version.
- * 3. Use the ad-hoc command to make sure that httpd is installed.
- * 4. Use the ad-hoc command to remove httpd from the servers.

Solution:

- * 1. ansible all -b -m yum -a 'name=php state=present'
- * 2. ansible all -b -m yum -a 'name=php state=latest'
- * 3. ansible all -b -m yum -a 'name=httpd state=latest'
- * 4. ansible all -b -m yum -a 'name=httpd state=absent'

Does this meet the goal?

- A. Yes
- B. No

Answer: A

NEW QUESTION 3

Install and configure ansible

User bob has been created on your control node. Give him the appropriate permissions on the control node. Install the necessary packages to run ansible on the control node.

Create a configuration file /home/bob/ansible/ansible.cfg to meet the following requirements:

- The roles path should include /home/bob/ansible/roles, as well as any other path that may be required for the course of the sample exam.
- The inventory file path is /home/bob/ansible/inventory.
- Ansible should be able to manage 10 hosts at a single time.
- Ansible should connect to all managed nodes using the bob user. Create an inventory file for the following five nodes: node1.example.com node2.example.com node3.example.com node4.example.com node5.example.com

Configure these nodes to be in an inventory file where node1 is a member of group dev. node2 is a member of group test, node3 is a member of group proxy, node4 and node 5 are members of group prod. Also, prod is a member of group webservers.

Solution:

In/home/sandy/ansible/ansible.cfg

```
[defaults] inventory=/home/sandy/ansible/inventory roles_path=/home/sandy/ansible/roles remote_user= sandy host_key_checking=false [privilegeescalation] become=true become_user=root become_method=sudo become_ask_pass=false
```

In /home/sandy/ansible/inventory

```
[dev]
node1 .example.com
[test]
node2.example.com
[proxy]
node3 .example.com
[prod]
node4.example.com
node5 .example.com
[webservers:children]
prod
```

Does this meet the goal?

- A. Yes
- B. No

Answer: A

NEW QUESTION 4

Create a file called adhoc.sh in /home/sandy/ansible which will use adhoc commands to set up a new repository. The name of the repo will be 'EPEL' the description 'RHEL8' the baseurl is 'https://dl.fedoraproject.org/pub/epel/epel-release-latest-8.noarch.rpm' there is no gpgcheck, but you should enable the repo.

* You should be able to use an bash script using adhoc commands to enable repos. Depending on your lab setup, you may need to make this repo "state=absent" after you pass this task.

Solution:

chmod 0777 adhoc.sh vim adhoc.sh

```
#!/bin/bash
```

```
ansible all -m yum_repository -a 'name=EPEL description=RHEL8 baseurl=https://dl.fedoraproject.org/pub/epel/epel-release-latest-8.noarch.rpm gpgcheck=no enabled=yes'
```

Does this meet the goal?

- A. Yes
- B. No

Answer: A

NEW QUESTION 5

Create a playbook /home/bob /ansible/motd.yml that runs on all inventory hosts and docs the following: The playbook should replace any existing content of/etc/motd in the following text. Use ansible facts to display the FQDN of each host

On hosts in the dev host group the line should be "Welcome to Dev Server FQDN".

On hosts in the webservers host group the line should be "Welcome to Apache Server FQDN". On hosts in the database host group the line should be "Welcome to MySQL Server FQDN".

Solution:

/home/sandy/ansible/apache.yml

```
---  
- name: http  
  hosts: webservers  
  roles:  
    - sample-apache
```

/home/sandy/ansible/roles/sample-apache/tasks/main.yml

Does this meet the goal?

- A. Yes
- B. No

Answer: A

NEW QUESTION 6

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