



EX447^{Q&As}

Red Hat Certified Specialist in Advanced Automation: Ansible Best Practices

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QUESTION 1

CORRECT TEXT

Create an empty encrypted file called myvault.yml in /home/sandy/ansible and set the password to notsafepw. Rekey the password to iwej2221.

A. See the for complete Solution below.

Correct Answer: A

ansible-vault create myvault.yml Create new password: notsafepw Confirm password: notsafepw ansible-vault rekey myvault.yml Current password: notsafepw New password: iwej2221 Confirm password: iwej2221

QUESTION 2

CORRECT TEXT

Create the users in the file users.yml 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 TASK 7. 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
```

A. See the for complete Solution below.

Correct Answer: A

ansible-playbook users.yml --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 3

CORRECT TEXT

Using the Simulation Program, perform the following tasks:

Static Inventories Task:

1.

Add a new group to your default ansible host file. call the group [ec2]

2.

Add a newhost to the new group you created.



3.

Add a variable to a new host entry in the `/etc/ansible/hosts` file. Add the following. `localhost http_port=80 maxRequestsPerChild=808`

4.

Check to see if `maxRequestsPerChild` is pulled out with an ad-hoc command.

5.

Create a local host file and put a target group and then a host into it. Then ping it with an ad-hoc command.

A. See the for complete Solution below.

Correct Answer: A

1.

Edit the `/etc/ansible/hosts` file. Add a group.

2.

Edit the `/etc/ansible/hosts` file. Add a user under the group you created.

3.

Edit the `/etc/ansible/hosts` file. Find a host. if we add a variable called `maxRequestsPerChild` to the host it would look like this. `host1 maxRequestsPerChild=808`

4.

```
ansible ec2 -m shell -a "echo {{ maxRequestsPerChild }}"
```

5.

Edit a local file. It could be called anything. Lets call it `myhosts`. Inside the file it would have a host like the following.
`[mygroup] myusername1.mylabserver.com`

QUESTION 4

CORRECT TEXT

Create a playbook called `timesync.yml` in `/home/sandy/ansible` using `rhel` system role `timesync`. Set the time to use currently configured ntp with the server `0.uk.pool.ntp.org`. Enable burst. Do this on all hosts.

A. See the for complete Solution below.

Correct Answer: A

Solution as:



```
- name: use rhel system role
hosts: all
roles:
  - rhel-system-roles.timesync
timesync_ntp_servers:
  - hostname: 0.uk.pool.ntp.org
  iburst: yes
```

QUESTION 5

CORRECT TEXT

Create a file called requirements.yml in /home/sandy/ansible/roles to 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

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