EX447^{Q&As}

Red Hat Certified Specialist in Advanced Automation: Ansible Best
Practices

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QUESTION 1

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
```

QUESTION 2

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 3

CORRECT TEXT

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

A. See the for complete Solution below.

Correct Answer: A

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

QUESTION 4

CORRECT TEXT

Create a file in/home/sandy/ansible/calledreport.yml.Using this playbook, get a filecalled report.txt(make it look exactly as below). Copy this file over to all remote hosts at /root/report.txt.Then edit the lines in the file to provide the real informationofthehosts. Ifa disk does not exist then write NONE.

```
report.txt

HOST=inventory hostname
MEMORY=total memory in mb
BIOS=bios version
VDA_DISK_SIZE=disk size
VDB_DISK_SIZE=disk size
```

A. See the for complete Solution below.

Correct Answer: A

Solution as:

```
- name: edit file
  hosts: all
  tasks:
    - name: copy file
      copy:  report.txt
      dest: /root/report.txt
    - name: change host
      lineinefile:
          regex: ^HOST
          line: HOST={{ansible_hostname}}
          state: present
          path: /root/report.txt
    - name: change mem
      lineinefile:
          line: MEMORY={{ansible_memtotal_mb}}
          regex: ^MEMORY
          state: present
          path: /root/report.txt
```

```
- name: change bios
  lineinefile:
      line: BIOS={{ansible_bios_version}}
      regex: ^BIOS
      state: present
      path: /root/report.txt
- name: change vda
  lineinefile:
      line: VDA_DISK_SIZE ={%if ansible_devices.vda is defined%}{{ansible_devices.
vda.size}}{%else%}NONE{%endif%}
      regex: ^VDA_DISK_SIZE
      state: present
      path: /root/report.txt
- name: change vdb
  lineinefile:
      line: VDB_DISK_SIZE ={%if ansible_devices.vdb is defined%}{{ansible_devices.
vdb.size}}{%else%}NONE{%endif%}
      regex: ^VDB_DISK_SIZE
      state: present
      path: /root/report.txt
```

QUESTION 5

CORRECT TEXT Create an ansible 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.

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
```