

## Exam Questions EX447

Red Hat Certified Specialist in Advanced Automation: Ansible Best Practices

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### NEW QUESTION 1

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. Mastered
- B. Not Mastered

**Answer:** A

#### Explanation:

- \* 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"

### NEW QUESTION 2

Create an ansible vault password file called lock.yml with the password reallysafepw in the /home/sandy/ansible directory. In the lock.yml file define two variables. One is pw\_dev and the password is 'dev' and the other is pw\_mgr and the password is 'mgr' Create a regular file called secret.txt which contains the password for lock.yml.

- A. Mastered
- B. Not Mastered

**Answer:** A

#### Explanation:

ansible-vault create lock.yml

New Vault Password: reallysafepw Confirm: reallysafepw

In file:

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

### NEW QUESTION 3

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. Mastered
- B. Not Mastered

**Answer:** A

#### Explanation:

Solution as:

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

### NEW QUESTION 4

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 webserver.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

```
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]
node 1 .example.com
[test]
node2.example.com
[proxy]
node3 .example.com
[prod]
node4.example.com
node5 .example.com
[webserver:children]
prod
```

**NEW QUESTION 5**

Create a file in /home/sandy/ansible/ called report.yml. Using this playbook, get a file called 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 information of the hosts. If a 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. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Solution as:

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

```
- name: change bios
  lineinfile:
    line: BIOS={{ansible_bios_version}}
    regex: ^BIOS
    state: present
    path: /root/report.txt
- name: change vda
  lineinfile:
    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
  lineinfile:
    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
```

#### NEW QUESTION 6

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 a variable 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. Mastered
- B. Not Mastered

**Answer:** A

#### Explanation:

ansible-vault create lock.yml

New Vault Password: reallysafepw Confirm: reallysafepw

In file:

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

#### NEW QUESTION 10

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