

EX447^{Q&As}

Red Hat Certified Specialist in Advanced Automation: Ansible Best Practices

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QUESTION 1

CORRECT TEXT

Create a playbook `/home/bob/ansible/motd.yml` that runs on all inventory hosts and does 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".

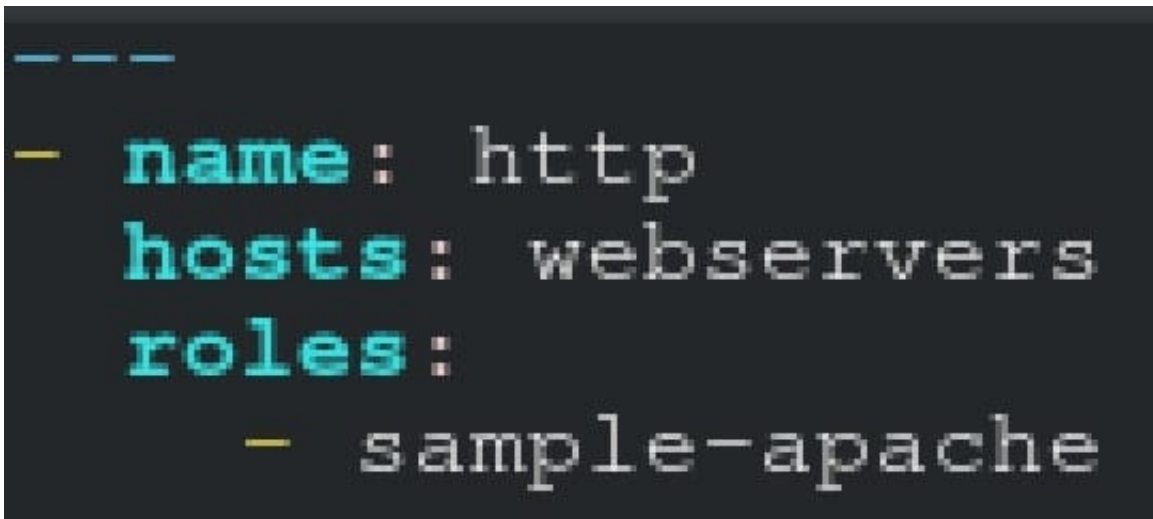
On hosts in the webserver host group the line should be "Welcome to Apache Server FQDN".

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

A. See the for complete Solution below.

Correct Answer: A

`/home/sandy/ansible/apache.yml`



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

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

QUESTION 2

CORRECT TEXT

Create a file in `/home/sandy/ansible/calledreport.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. 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
  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
```

QUESTION 3

CORRECT TEXT

Create a playbook that changes the default target on all nodes to multi-user.target. Do this in a playbook file called target.yml in /home/sandy/ansible

A. See the for complete Solution below.

Correct Answer: A

-

name: change default target

hosts: all

tasks:

-

name: change target

file:

src:usr/lib/systemd/system/multi-user.target dest: /etc/systemd/system/default.target state:

link

QUESTION 4

CORRECT TEXT

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-latest8.noarch.rpm'` there is no `gpgcheck`, but you should enable the repo.

*

You should be able to use a 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.

A.

See the for complete Solution below.

Correct Answer: A

```
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'
```

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
```