

## EX294 Dumps

### Red Hat Certified Engineer (RHCE) exam

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**NEW QUESTION 1**

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. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

- 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

**NEW QUESTION 2**

Create a file called packages.yml in /home/sandy/ansible to install some packages for the following hosts. On dev, prod and web servers install packages httpd, mod\_ssl, and mariadb. On dev only install the development tools package. Also, on dev host update all the packages to the latest.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Solution as:

**\*\* NOTE 1** a more acceptable answer is likely 'present' since it's not asking to install the latest

state: present

**\*\* NOTE 2** need to update the development node

- name: update all packages on development node

yum:

name: '\*'

state: latest

**NEW QUESTION 3**

Install and configure ansible

User sandy has been created on your control node with the appropriate permissions already, do not change or modify ssh keys. Install the necessary packages to run ansible on the control node. Configure ansible.cfg to be in folder /home/sandy/ansible/ansible.cfg and configure to access remote machines via the sandy user. All roles should be in the path /home/sandy/ansible/roles. The inventory path should be in

/home/sandy/ansible/inventory.

You will have access to 5 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 node5 are members of group prod. Also, prod is a member of group web servers.

- 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 [privilege\_escalation]

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 [web\_servers:children] prod

**NEW QUESTION 4**

Create a playbook called webdev.yml in /home/sandy/ansible. The playbook will create a directory /var/www/html/webdev on dev host. The permission of the directory are 2755 and owner is webdev. Create a symbolic link from /var/www/html/webdev to /var/www/html/webdev7index.html which displays the text "Development". Curl http://node1.example.com/webdev/index.html to test

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Solution as:

**NEW QUESTION 5**

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.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

```
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'
```

**NEW QUESTION 6**

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 web servers.

- 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
[web servers:children]
prod
```

#### NEW QUESTION 7

Create a file called requirements.yml in /home/sandy/ansible/roles a file called role.yml in /home/sandy/ansible/. The haproxy-role should be used on the proxy host. And when you curl http://node3.example.com it should display "Welcome to node4.example.com" and when you curl again "Welcome to node5.example.com" The php-role should be used on the prod host.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Solution as:

Check the proxy host by curl http://node3.example.com

#### NEW QUESTION 8

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.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

ansible-playbook users.yml --vault-password-file=secret.txt

**NEW QUESTION 9**

In /home/sandy/ansible/create a playbook called logvol.yml. In the play create a logical volume called lv0 and make it of size 1500MiB on volume group vg0. If there is not enough space in the volume group print a message "Not enough space for logical volume" and then make a 800MiB lv0 instead. If the volume group still doesn't exist, create a message "Volume group doesn't exist" Create an xfs filesystem on all lv0 logical volumes. Don't mount the logical volume.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**  
Solution as:

**NEW QUESTION 10**

Create a Shell script /root/program:

The shell script will come back to "user" parameter when you are entering "kernel" parameter.

The shell script will come back to "kernel" when you are entering "user" parameter.

It will output the standard error when this script "usage:/root/program kernel|user" don't input any parameter or the parameter you inputted is entered as the requirements.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

## NEW QUESTION 10

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