EX407 Q&As

Red Hat Certified Specialist in Ansible Automation exam

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QUESTION 1

Correct Answer:

See the for complete Solution below. Solution as:

```
- name: webdev
  hosts: dev
  tasks:
    - name: create webdev user
      user:
        name: webdev
        state: present
    - name: create a directory
      file:
        mode: '2755'
        path: /webdev
        state: directory
    - name: create symbolic link
      file:
        src: /webdev
        path: /var/www/html/webdev
        state: link
    - name: create index.html
      copy:
        content: Development
        dest: /webdev/ index.html
```

```
        dest: /webdev/ index.html
    - name: Install selinux policies
      yum:
        name: python3-policycoreutils
        state: present
    - name: allow httpd from this directory
      sefcontext:
        target: '/webdev(/.*)?'
        setype: httpd_sys_content_t
        state: present
    - name: restore the context
      shell: restorecon -vR /webdev
```

QUESTION 2

What does the when keyword do?

A. There is no when keyword

B. Allows a task to be conditional

C. Allows a play to be conditional

D. Allows a play to be scheduled

Correct Answer: B

QUESTION 3

Consider the following playbook.

-hosts: local become: yes

tasks:

-name: create users user: name: "{{item}}" with_items:

-sam

-john

-bob How many times is the user module invoked?

A. 5

B. 3

C. 1

D. 0

Correct Answer: B

The call count will be based on the number of times the with_items loop executes - which is 3 in this case

QUESTION 4

How is a role name set?

A. The role name is defined by the directory containing the role.

B. Ansible loads a role name using the role keyword in the roles tasks/main.yml file.

C. Ansible loads a role name from the roles meta/main.yml file.

D. All role names are defined in the file /etc/ansible/roles.

Correct Answer: A

QUESTION 5

Presuming the inventory is not dynamic, Ansible inventories can be specified using what two file formats?

A. XML and JSON

B. JSON and JAML

C. YAML and INI

D. XML and INI

Correct Answer: C

Ansible inventories may be provided in either YAML or INI format.

QUESTION 6

State whether the following statement is true or false.

Will this command use servers in a local inventory called invent.local?

ansible all -m ping -i invent.local

A. True

B. False

Correct Answer: A

QUESTION 7

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

Correct Answer:

See the for complete Solution below.

ansible-vault create lock.yml New Vault Password: reallysafepw Confirm: reallysafepw

In file:

pw_dev: dev pw_mgr: mgr

QUESTION 8

What is a typical use case for an Ansible Template?

A. Managing remote system configuration files

B. Defining a host group

C. Installing remote Ansible installations

D. Running remote commands

Correct Answer: A

QUESTION 9

SIMULATION

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 new host 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.

Correct Answer: See explanation below.

QUESTION 10

Which of the following are valid parameters of the template module? (Choose all that apply.)

A. state

B. dest

C. validate

D. .name

Correct Answer: BC

The validate parameter sets a program to check file syntax prior to deployment.

QUESTION 11

Which command ships with Ansible and provides module documentation on your system?

A. ansible-documentation

B. ansible-help

C. ansible-doc

D. ansible-module-doc

Correct Answer: C

The ansible-doc command provides documentation on ansible modules.

QUESTION 12

Which of the following is a good use case for an ad-hoc command? (Choose all that apply.)

A. Experimenting with an Ansible Module

B. Installing the netcat utility on application servers

C. Checking the free memory on a particular group of hosts

D. Upgrading a custom 3-tier application stack

Correct Answer: ABC

Installing netcat is a single yum command that would be easily run across a group of common servers with an Ansible ad-hoc command. A single command run against several servers is a perfect use case for an ad-hoc command. Writing a playbook would be overkill.

QUESTION 13

Where is Ansible\\'s inventory stored by default?

A. .etc/ansible/hosts

B. /home/ansible/inventory

C. etc/ansible/inventory

D. ${HOME}/inventory for the currently logged in user

Correct Answer: A

QUESTION 14

Where is the first place Ansible checks for a role definition?

A. ${PWD}/roles

B. Ansible must always be told where to look for a role.

C. ${PWD}/.roles

D. /etc/ansible/roles

Correct Answer: A

Ansible always checks the present working directory for a roles directory containing a referenced role definition.

QUESTION 15

Which command is the correct way to run the playbook /home/ansible/Buildwww.yml using the inventory file /home/ansible/inventory, assuming your present working directory is /home/ansible?

A. ansible -i inventory Build.yml

B. ansible -i inventory -p Buildwww.yml

C. ansible-playbook -i inventory -p Buildwww.yml

D. ansible-playbook -i inventory Buildwww.yml

Correct Answer: D

This command is the correct way to run the playbook using the requested inventory

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