

## EX407<sup>Q&As</sup>

Red Hat Certified Specialist in Ansible Automation exam

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## QUESTION 1

What special character is used to designate that you are passing a variable file to a play using the `-e` flag?

- A. The plus sign: "+"
- B. There is no special character required.
- C. The at symbol: "@"
- D. The pipe: "|"

Correct Answer: C

The @ symbol will instruct Ansible to find the provided file and parse the file as a variable file.

---

## QUESTION 2

### SIMULATION

Using the Simulation Program, perform the following tasks:

Ad-Hoc Ansible Commands (Number Two) Task:

1.  
Use the ad-hoc command to make sure php is installed.
2.  
Use the ad-hoc command to make sure that php is installed and is the latest version.
3.  
Use the ad-hoc command to make sure that httpd is installed.
4.  
Use the ad-hoc command to remove httpd from the servers.

A.

Correct Answer: See explanation below.

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## QUESTION 3

Observe the details of the following dynamic inventory file. `$ ls -l dynamic.py -rw-rw-r--. 1 user user 1928 Mar 30 08:21 dynamic.py` Why will this inventory file cause the ansible command to fail?

- A. Ansible cannot use python scripts as inventories.

- B. The ansible user must own the file.
- C. The file is not executable.
- D. The ansible command will not fail using the noted file with the given details.

Correct Answer: C

Without being executable. Ansible will attempt to parse the script as a static inventory and fail.

---

## QUESTION 4

Which of the following attributes specifies how a handler can be notified? (Choose all that apply.)

- A. name
- B. service
- C. listen
- D. handle

Correct Answer: AC

While using the handler's name attribute is not encouraged, it does work.

---

## QUESTION 5

Which variable name is invalid?

- A. tomcat\_inst8\_port
- B. \_tomcatdefaultport
- C. tomcat8port
- D. tomcat\_port

Correct Answer: B

---

## QUESTION 6

What does the lineinfile module do?

- A. Allow addition of lines anywhere in a file
- B. Allows to grep for lines in a provided file
- C. Allow additions of lines to the end of a file only
- D. Input data into a file from stdin

Correct Answer: A

The purpose of the lineinfile module is to add lines anywhere in a file passed on a pattern.

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## QUESTION 7

State whether the following statement is true or false.

There is a 10 user trial available.

- A. True
- B. False

Correct Answer: A

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## QUESTION 8

What module is used to deploy a template?

- A. File
- B. Copy
- C. Template
- D. Deploy

Correct Answer: B

The template module is designed to process and deploy template files.

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## QUESTION 9

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.

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 10

What file should you look at first when installing tower?

- A. README.md
- B. setup.sh
- C. inventory
- D. /etc/tower/settings.py

Correct Answer: A

---

## QUESTION 11

Create a file called packages.yml in /home/sandy/ansible to install somepackages for the following hosts. On dev, prod and webservers 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.

Correct Answer:

See the forcomplete Solution below. Solution as:

```
---
- name: install pack
  hosts: dev,test,webservers
  become: true
  tasks:
    - name: install on all hosts in this play
      yum:
        name:
          - httpd
          - mod_ssl
          - mariadb
        state: latest
    - name: install on dev only
      yum:
        name:
          - '@Development tools'
        state: latest
      when: "dev" in group_names
```

\*\* 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 developmentnode

yum:

name: '\*'

state: latest

---

## QUESTION 12

How does a user Access Ansible Tower once it is installed?

- A. By connecting to the control host using ssh and running `'tower-tui'`
- B. By running `'tower-connect'` from your local CLI (on a graphical environment) and specifying the hostname of your Ansible Tower server.
- C. By connecting making an https request to the server tower is installed on using a browser.
- D. By running the ansible command and supplying the `--tower` flag running.

Correct Answer: C

Ansible Tower runs a web app and should be accessed using a browser over https.

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## QUESTION 13

Why is it important to create a namespace for role variables?

- A. Roles only have access to variables in their own namespace.
- B. It is not really important.
- C. Ansible requires namespaces to be set for a role and will error without them.
- D. Namespacing role variables helps avoid conflicts with variables defined outside of the role.

Correct Answer: D

Because roles share variables and because plays can have variables defined outside of the role, namespacing role variables ensures that you are getting the variable you expect to get.

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## QUESTION 14

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

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## QUESTION 15

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

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