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Exam overview

Exam: EX407

Exam Name: Red Hat Certified Specialist in Ansible Automation certification exam

Platform: Red Hat® Enterprise Linux® 7.5 and Ansible 2.7

<https://www.redhat.com/en/services/training/ex407-retired-red-hat-certified-specialist-in-ansible-automation-exam>

QUESTION NO: 1

Examine the following inventory excerpt file named /home/user/ansible/inventory. [dbservers] db1.example.com

Which of the following files does Ansible check for variables related to that inventory? (Choose all that apply.)

- A.
/home/user/ansible/dbservers
- B.
/home/user/ansible/host_vars/db1.example.com
- C.
/home/user/ansible/host_vars/db1
- D.
/home/user/ansible/group_vars/dbservers

Answer: B,D

Explanation:

Ansible will check in /home/user/ansible/host_vars to find files named after hosts defined in the inventory. Ansible will check this file because there is a group defined in the inventory as dbservers.

Reference:

https://docs.ansible.com/ansible/latest/user_guide/playbooks_variables.html#understanding-variable-precedence

QUESTION NO: 2

Which flags must be accepted as input for a dynamic inventory script?

- A.
Only --list
- B.
--host [hostname] and --list
- C.

--host [hostname] and --inv-list

D.

--list and --format [file format]

Answer: B

Explanation:

Reference:

https://docs.ansible.com/ansible/latest/dev_guide/developing_inventory.html#inventory-script-conventions

QUESTION NO: 3

A dynamic inventory must return data in what format?

A.

JSON

B.

XML

C.

YAML

D.

INI

Answer: A

Explanation:

Dynamic inventories must return JSON output.

Reference:

https://docs.ansible.com/ansible/latest/dev_guide/developing_inventory.html#inventory-script-conventions

QUESTION NO: 4

Which is the default inventory file used by Ansible?

- A.**
`${PWD}/.inventory`
- B.**
`/etc/hosts`
- C.**
`/etc/ansible/inventory`
- D.**
`/etc/ansible/hosts`

Answer: D

Explanation:

Ansible refers to `/etc/ansible/hosts` as the default inventory.

Reference: https://docs.ansible.com/ansible/latest/user_guide/intro_inventory.html#how-to-build-your-inventory

QUESTION NO: 5

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.

Answer: C

Explanation:

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

QUESTION NO: 6

Is it possible to specify multiple inventory files at once?

A.

Yes, you specify your inventory as a directory containing valid inventory files.

B.

No.

C.

Yes, you must provide extra parameters to the -i flag.

D.

Yes, you must specify a reference inventory master file.

Answer: A

Explanation:

Reference: https://docs.ansible.com/ansible/latest/user_guide/intro_inventory.html#using-multiple-inventory-sources

QUESTION NO: 7

What keyword stores a command's output into a variable?

A.

register

B.

output

C.

output is stored in a variable named results by default

D.
debug

Answer: A

Explanation:

The register keyword will store output from the preceding command into a provided variable.

Reference:

https://docs.ansible.com/ansible/latest/user_guide/playbooks_variables.html#registering-variables

QUESTION NO: 8

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

Answer: A

Explanation:

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

Reference:

https://docs.ansible.com/ansible/latest/collections/ansible/builtin/lineinfile_module.html#synopsis

QUESTION NO: 9

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

Answer: B

Explanation:

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

Reference: https://docs.ansible.com/ansible/latest/user_guide/playbooks_loops.html

QUESTION NO: 10