

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

Red Hat Certified Specialist in Ansible Automation exam

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**QUESTION 1**

Create a jinja template in /home/sandy/ansible/ and name it hosts.j2. Edit this file so it looks like the one below. The order of the nodes doesn't matter. Then create a playbook in /home/sandy/ansible called hosts.yml and install the template on dev node at /root/myhosts

```
127.0.0.1 localhost localhost.localdomain localhost4 localhost4.localdomain4
::1 localhost localhost.localdomain localhost6 localhost6.localdomain6

10.0.2.1 node1.example.com node1
10.0.2.2 node2.example.com node2
10.0.2.3 node3.example.com node3
10.0.2.4 node4.example.com node4
10.0.2.5 node5.example.com node5
```

Correct Answer:

See the for complete Solution below. Solution as:

```
in /home/sandy/ansible/hosts.j2
{%for host in groups['all']%}
{{hostvars[host]['ansible_default_ipv4']['address']}} {{hostvars[host]['ansible_fqdn']}}
{{hostvars[host]['ansible_hostname']}}
{%endfor%}

in /home/sandy/ansible/hosts.yml
---
- name: use template
  hosts: all
  template:
    src: hosts.j2
    dest: /root/myhosts
  when: "dev" in group_names
```

**QUESTION 2**

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 3

Create a playbook called `timesync.yml` in `/home/sandy/ansible` using `rhel` system role `timesync`. Set the time to use currently configured ntp with the server `0.uk.pool.ntp.org`. Enable burst. Do this on all hosts.

Correct Answer:

See the for complete Solution below. Solution as:

```
- name: use rhel system role
hosts: all
roles:
  - rhel-system-roles.timesync
timesync_ntp_servers:
  - hostname: 0.uk.pool.ntp.org
  iburst: yes
```

### QUESTION 4

Which Ansible ad-hoc flag is analogous to the `become` directive?

- A. b
- B. f
- C. i
- D. B

Correct Answer: A

The `b` flag actually stands for `become`! They both have Ansible escalate to the `become_user`.

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#### QUESTION 5

Besides galaxy.ansible.com, where else can ansible-galaxy pull roles from?

- A. a standard httpd server
- B. other servers that have Ansible installed
- C. community.ansible.com
- D. github repositories

Correct Answer: D

ansible-galaxy may be used to pull roles from a github repo.

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#### QUESTION 6

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

Correct Answer: BD

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.

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#### QUESTION 7

What does the -a flag allow you to specify?

- A. Allows a user to specify arguments for a given module.
- B. Tells ansible to run in ad-hoc mode.
- C. The -a flag has no use in Ansible.
- D. Tells ansible to run against all hosts.

Correct Answer: A

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#### QUESTION 8

Templates have access to variables scoped at which of the following levels? (Choose all that apply.)

- A. Hostgroup targeted by current play
- B. Ansible Facts
- C. Variables defined within the current play
- D. Any host variables defined in inventory

Correct Answer: ABC

---

**QUESTION 9**

Which of the following are shared between roles on the same system? (Choose all that apply.)

- A. Templates
- B. Tasks
- C. Variables
- D. Handlers

Correct Answer: CD

Variables are shared across roles on the same system. This is why namespacing is important. Handlers are shared across roles on the same system.

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**QUESTION 10**

What is the url for the official Ansible online documentation?

- A. docs.ansible.com
- B. help.ansible.com
- C. google.com
- D. ansiblehelp.com

Correct Answer: A

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**QUESTION 11**

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.

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#### QUESTION 12

If a valid playbook contains serial: 20 and the ansible-playbook command running that playbook is passed `\\-f 10\\` and targets an inventory of 15 servers, what is the maximum number of forks will exist at any one time during play execution?

A. 20

B. 15

C. 5

D. 10

Correct Answer: D

The -f 10 will allow no more that 10 forks to run at once even though serial is set to 20.

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#### QUESTION 13

In what format are ansible playbooks written?

A. JSON

B. YAML

C. XML

D. Ansible Proprietary Format (APF)

Correct Answer: B

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#### QUESTION 14

What switch needs to be added to prevent the following command from failing: `ansible all -m user -a "name=jsmith state=present"`

A. -b

B. -f

C. -x

D. -v

Correct Answer: A

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**QUESTION 15**

Templates must be written in what language?

A. XML

B. Ruby

C. Jinja2

D. INI

Correct Answer: C

Templates are parsed using the Jinja2 templating language.

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