



EX407^{Q&As}

Red Hat Certified Specialist in Ansible Automation exam

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QUESTION 1

Create a file called requirements.yml in /home/sandy/ansible/roles in 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 tonode4.example.com" and when you curl again "Welcome tonode5.example.com" The php-role should be used on the prod host.

Correct Answer:

See the for complete Solution below. Solution as:

```
- name: install haproxy and php roles
  hosts: all
  vars:
    haproxy_backend_servers:
      - name: web1
        address: node4.example.com
      - name: web2
        address: node5.example.com
  tasks:
    - name: import haproxy
      include_role: haproxy-role
      when: "proxy" in group_names
    - name: import php
      include_role: php-role
      when: "prod" in group_names
```

Check the proxy host by curlhttp://node3.example.com

QUESTION 2

Which keywords will cause a role to be applied in a playbook? (Choose all that apply.)

- A. use_role
- B. include_role
- C. load_role
- D. role



Correct Answer: BD

The `import_role` keyword dynamically includes a role within a play. The `role` keyword statically includes a role within a play.

QUESTION 3

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.

QUESTION 4

Create a file called `packages.yml` in `/home/sandy/ansible` to install some packages 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 5

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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