Free Questions for EX447 by actualtestdumps

Shared by Fuller on 24-05-2024

For More Free Questions and Preparation Resources

Check the Links on Last Page

Question 1

Install and configure ansible

User sandy has been created on your control node with the appropriate permissions already, do not change or modify ssh keys. Install the necessary packages to run ansible on the control node. Configure ansible.cfg to be in folder /home/sandy/ansible/ansible.cfg and configure to access remote machines via the sandy user. All roles should be in the path /home/sandy/ansible/roles. The inventory path should be in /home/sandy/ansible/invenlory.

You will have access to 5 nodes.

node1.example.com

node2.example.com

node3.example.com

node4.example.com

node5.example.com

Configure these nodes to be in an inventory file where node I is a member of group dev. nodc2 is a member of group test, node3 is a member of group proxy, nodc4 and node 5 are members of group prod. Also, prod is a member of group webservers.

Options:

A- Explanation:

In/home/sandy/ansible/ansible.cfg

[defaults]

inventory=/home/sandy/ansible/inventory

roles_path=/home/sandy/ansible/roles

remote_user= sandy

host_key_checking=false

[privilegeescalation]

become=true

become_user=root

become_method=sudo

become_ask_pass=false

In /home/sandy/ansible/inventory

[dev]

node 1 .example.com

[test]

node2.example.com

[proxy]

node3 .example.com

[prod]

node4.example.com

node5 .example.com

[webservers:children]

prod

Answer:

A

Question 2

Question Type: **MultipleChoice**

Create a playbook /home/bob /ansible/motd.yml that runs on all inventory hosts and docs the following: The playbook should replaee any existing content of/etc/motd in the following text. Use ansible facts to display the FQDN of each host

On hosts in the dev host group the line should be "Welcome to Dev Server FQDN".

On hosts in the webserver host group the line should be "Welcome to Apache Server FQDN".

On hosts in the database host group the line should be "Welcome to MySQL Server FQDN".

Options:

A- Explanation:

/home/sandy/ansible/apache.yml

```
---
- name: http
  hosts: webservers
  roles:
    - sample-apache
```

/home/sandy/ansible/roles/sample-apache/tasks/main.yml

Answer:

A

Question 3

Create a playbook that changes the default target on all nodes to multi-user tarqet. Do this in playbook file called target.yml in /home/sandy/ansible

Options:

A- Explanation:

- name: change default target

hosts: all

tasks:

- name: change target

file:

src: /usr/lib/systemd/system/multi-user.target dest: /etc/systemd/system/default.target state: link

Answer:

A

Question 4

Create an empty encrypted file called myvault.yml in /home/sandy/ansible and set the password to notsafepw. Rekey the password to iwejfj2221.

Options:

A- Explanation:

ansible-vault create myvault.yml

Create new password: notsafepw Confirm password: notsafepw ansible-vault rekey myvault.yml

Current password: notsafepw New password: iwejfj2221 Confirm password: iwejfj2221

Answer:

A

Question 5

Question Type: **MultipleChoice**

Create a playbook called issue.yml in /home/sandy/ansible which changes the file /etc/issue on all managed nodes: If host is a member of (lev then write "Development" If host is a member of test then write "Test" If host is a member of prod then write "Production"

Options:

A- Explanation:

Solution as:

```yaml
---
- name: issue file
  hosts: dev,test,prod
  tasks:
      - name: edit development node
        copy:
            content: Development
            dest: /etc/issue
        when: "dev" in group_names
      - name: edit test node
        copy:
            content: Test
            dest: /etc/issue
        when: "test" in group_names
      - name: edit development node
        copy:
            content: Production
            dest: /etc/issue
        when: "prod" in group_names
...
```

Answer:

A

Question 6

Question Type: **MultipleChoice**

Create a playbook called regulartasks.yml which has the system that append the date to /root/datefile every day at noon. Name is job
'datejob'

Options:

A- Explanation:

Solution as:

```
- name: Creates a cron file under /etc/cron.d
  cron:
    name: datejob
    hour: "12"
    user: root
    job: "date >> /root/ datefile"
```

Answer:

A

Question 7

Question Type: **MultipleChoice**

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

Options:

A- Explanation:

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
```

Answer:

A

Question 8

Create a playbook called webdev.yml in 'home/sandy/ansible. The playbook will create a directory Avcbdev on dev host. The permission of the directory are 2755 and owner is webdev. Create a symbolic link from /Webdev to /var/www/html/webdev. Serve a file from Avebdev7index.html which displays the text "Development" Curl http://node1.example.com/webdev/index.html to test

Options:

A- Explanation:

Solution as:

```yaml
- 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
```

Answer:

A

Question 9

In /home/sandy/ansible/ create a playbook called logvol.yml. In the play create a logical volume called Iv0 and make it of size 1500MiB on volume group vgO If there is not enough space in the volume group print a message "Not enough space for logical volume" and then make a 800MiB Iv0 instead. If the volume group still doesn't exist, create a message "Volume group doesn't exist" Create an xfs filesystem on all Iv0 logical volumes. Don't mount the logical volume.

Options:

A- Explanation:

Solution as:

```yaml
- name: hosts
  hosts: all
  tasks:
  -  name: create partition
     parted:
        device: /dev/vdb
        number: 1
        flags: [ lvm ]
        state: present
- name: create vg
   lvg:
      vg: vg0
      pvs: /dev/vdb1
    when: ansible_devices.vdb.partitions.vdb1 is defined
- name: create logical volume
   lvol:
      vg: vg0
      lv: lv0
      size: 1500m
   when: ansible_lvm.vgs.vg0 is defined and ( (ansible_lvm.vgs.vg0.size_g | float ) > 1.5)
- name: send message if  volume group not large enough
```

Question 10

Question Type: **MultipleChoice**

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
```

Options:

A- Explanation:

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
```

Answer:

A