Free Questions for EX294

Shared by Coffey on 04-10-2024

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Question 1

Question Type: MultipleChoice

Create the users in the file usersjist.yml file provided. Do this in a playbook called users.yml located at /home/sandy/ansible. The passwords for these users should be set using the lock.yml file from TASK7. When running the playbook, the lock.yml file should be unlocked with secret.txt file from TASK 7.

All users with the job of 'developer' should be created on the dev hosts, add them to the group devops, their password should be set using the pw_dev variable. Likewise create users with the job of 'manager' on the proxy host and add the users to the group 'managers', their password should be set using the pw_mgr variable.

users_list.yml

```
users:
  - username: bill
    job: developer
  - username: chris
    job: manager
  - username: dave
    job: test
  - username: ethan
    job: developer
```

Options:

A- Explanation:

ansible-playbook users.yml --vault-password-file=secret.txt

```yaml
---
- name: create users
  hosts: all
  vars_files:
     - users_list.yml
     - lock.yml
  tasks:
     - name: create devops group nodes1
       group:
          name: devops
       when: ('dev' in group_names)
     - name: create manager group nodes45
       group:
          name: manager
       when: ('prod' in group_names)
     - name: create devs should happen on nod
```

Answer:

A

Question 2

Question Type: MultipleChoice

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.

Options:

A- Explanation:

ansible-vault create lock.yml

New Vault Password: reallysafepw

Confirm: reallysafepw

In file:

```
pw_dev: dev
pw_mgr: mgr
```

Answer:

A

Question 3

Question Type: MultipleChoice

Create a file called requirements.yml in /home/sandy/ansible/roles 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 to node4.example.com" and when you curl again "Welcome to node5.example.com" The php-role should be used on the prod host.

Options:

A- Explanation:

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 curl http://node3.example.com

Answer:

A

Question 4

Question Type: MultipleChoice

Create a file called adhoc.sh in /home/sandy/ansible which will use adhoc commands to set up a new repository. The name of the repo will be 'EPEL' the description 'RHEL8' the baseurl is 'https://dl.fedoraproject.org/pub/epel/epel-release-latest-8.noarch.rmp' there is no gpgcheck, but you should enable the repo.

* You should be able to use an bash script using adhoc commands to enable repos. Depending on your lab setup, you may need to make this repo "state=absent" after you pass this task.

Options:

A- Explanation:
chmod 0777 adhoc.sh
vim adhoc.sh
#I/bin/bash
ansible all -m yum_repository -a 'name=EPEL description=RHEL8
baseurl=https://dl.fedoraproject.org/pub/epel/epel-release-latest-8.noarch.rmp
gpgcheck=no enabled=yes'

Answer:

A

Question 5

Question Type: MultipleChoice

Install and configure ansible

User bob has been created on your control node. Give him the appropriate permissions on the control node. Install the necessary packages to run ansible on the control node.

Create a configuration file /home/bob/ansible/ansible.cfg to meet the following requirements:

* The roles path should include /home/bob/ansible/roles, as well as any other path that may be required for the course of the sample exam.

* The inventory file path is /home/bob/ansible/inventory.

* Ansible should be able to manage 10 hosts at a single time.

* Ansible should connect to all managed nodes using the bob user.

Create an inventory file for the following five nodes:

nodel.example.com

node2.example.com

node3.example.com

node4.example.com

node5.example.com

Configure these nodes to be in an inventory file where node1 is a member of group dev. nodc2 is a member of group test, nodc3 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