Free Questions for EX447 by ebraindumps

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Question 1

Question Type: MultipleChoice

Create a file called specs.empty in home/bob/ansible on the local machine as follows:

HOST=

MEMORY=

BIOS=

VDA_DISK_SIZE=

VDB_DISK_SIZE=

Create the playbook /home/bob/ansible/specs.yml which copies specs.empty to all remote nodes' path /root/specs.txt. Using the specs.yml playbook then edit specs.txt on the remote machines to reflect the appropriate ansible facts.

Options:

A- Explanation:
Solution as:

```
- name: edit file
  hosts: all
  tasks:
    -  name: copy file
       copy:  report.txt
       dest: /root/report.txt
    -  name: change host
        lineinefile:
            regex: ^HOST
            line: HOST={{ansible_hostname}}
            state: present
            path: /root/report.txt
    -  name: change mem
        lineinefile:
            line: MEMORY={{ansible_memtotal_mb}}
            regex: ^MEMORY
            state: present
            path: /root/report.txt
```

```
  - name: change bios
    lineinefile:
        line: BIOS={{ansible_bios_version}}
        regex: ^BIOS
        state: present
        path: /root/report.txt
  - name: change vda
    lineinefile:
        line: VDA_DISK_SIZE ={%if ansible_devices.vda is defined%}{{ansible_devices.
vda.size}}{%else%}NONE{%endif%}
        regex: ^VDA_DISK_SIZE
        state: present
        path: /root/report.txt
  - name: change vdb
    lineinefile:
        line: VDB_DISK_SIZE ={%if ansible_devices.vdb is defined%}{{ansible_devices.
vdb.size}}{%else%}NONE{%endif%}
        regex: ^VDB_DISK_SIZE
        state: present
        path: /root/report.txt
```

Answer:

A

Question 2

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 3

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 4

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 5

Question Type: MultipleChoice

Create a file called requirements.yml in /home/sandy/ansible/roles to install two roles. The source for the first role is geerlingguy.haproxy and geerlingguy.php. Name the first haproxy-role and the second php-role. The roles should be installed in /home/sandy/ansible/roles.

Options:

A- Explanation:

in /home/sandy/ansible/roles

vim requirements.yml

```
- src: geerlingguy.haproxy
  name: haproxy-role
- src: geerlingguy. php_role
  name: php_role
```

Run the requirements file from the roles directory:

ansible-galaxy install -r requirements.yml -p /home/sandy/ansible/roles

Answer:

A

Question 6

Question Type: MultipleChoice

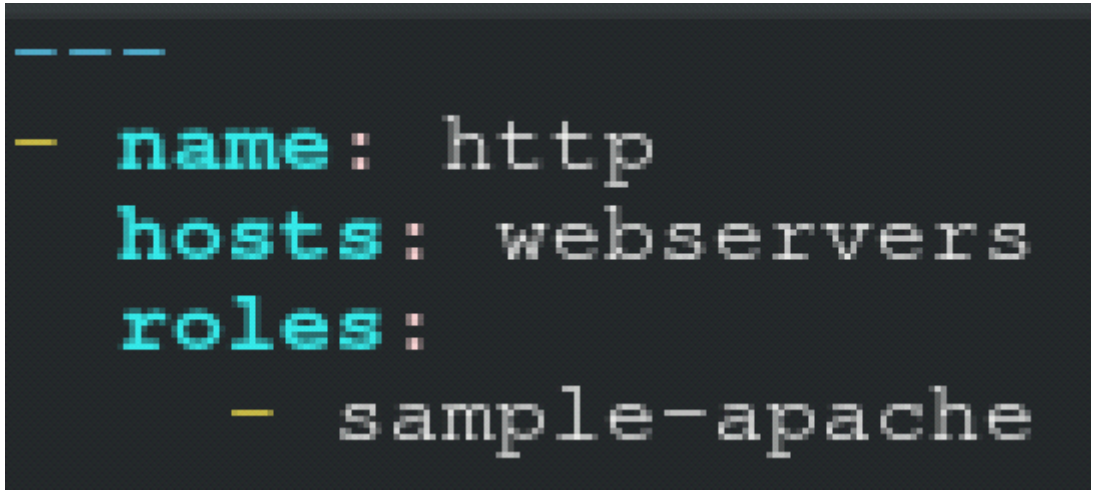
Create a role called sample-apache in /home/sandy/ansible/roles that enables and starts httpd, enables and starts the firewall and allows the webserver service. Create a template called index.html.j2 which creates and serves a message from /var/www/html/index.html Whenever the content of the file changes, restart the webserver service.

Welcome to [FQDN] on [IP]

Replace the FQDN with the fully qualified domain name and IP with the ip address of the node using ansible facts. Lastly, create a playbook in /home/sandy/ansible/ called apache.yml and use the role to serve the index file on webserver hosts.

Options:

A- Explanation:
/home/sandy/ansible/apache.yml



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

```yaml
---
# tasks file for sample-apache
- name: enable httpd
  service:
    name: httpd
    state: started
    enabled: true
- name: enable firewall
  service:
    name: firewalld
    state: started
    enabled: true
- name: firewall http service
  firewalld:
    service: http
    state: enabled
    permanent: yes
```

/home/sandy/ansible/roles/sample-apache/templates/index.html.j2

```
Welcome to {{ansible_fqdn}} {{ansible_d
```

In /home/sandy/ansible/roles/sample-apache/handlers/main.yml

```
- name: restart
  service:
      name: httpd
      state: restarted
```

Answer:

A

Question 7

Question Type: MultipleChoice

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.

Options:

A- Explanation:
Solution as:

```yaml
---
- name: install pack
  hosts: dev,test,webservers
  become: true
  tasks:
    - name: install on all hosts in thi
      yum:
        name:
          - httpd
          - mod_ssl
          - mariadb
        state: latest
    - name: install on dev only
      yum:
        name:
          - '@Development tools'
        state: latest
```

** 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 development node
yum:
name: '*'
state: latest

Answer:

A