



Free Questions for EX447 by dumpshq

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Question 1

Question Type: MultipleChoice

Using the Simulation Program, perform the following tasks:

Static Inventories Task:

1. Add a new group to your default ansible host file. call the group [ec2]
2. Add a new host to the new group you created.
3. Add a variable to a new host entry in the /etc/ansible/hosts file. Add the following. localhost http_port=80 maxRequestsPerChild=808
4. Check to see if maxRequestsPerChild is pulled out with an ad-hoc command.
5. Create a local host file and put a target group and then a host into it. Then ping it with an ad-hoc command.

Options:

A- Explanation:

1. Edit the /etc/ansible/hosts file. Add a group.
2. Edit the /etc/ansible/hosts file. Add a user under the group you created.
3. Edit the /etc/ansible/hosts file. Find a host. if we add a variable called maxRequestsPerChild to the host it would look like this. host1 maxRequestsPerChild=808
4. ansible ec2 -m shell -a 'echo {{ maxRequestsPerChild }}'

5. Edit a local file. It could be called anything. Lets call it myhosts. Inside the file it would have a host like the following. [mygroup]
myusername1.mylabserver.com

Answer:

A

Question 2

Question Type: MultipleChoice

Using the Simulation Program, perform the following tasks:

Ad-Hoc Ansible Commands (Number Two) Task:

1. Use the ad-hoc command to make sure php is installed.
2. Use the ad-hoc command to make sure that php is installed and is the latest version.
3. Use the ad-hoc command to make sure that httpd is installed.
4. Use the ad-hoc command to remove httpd from the servers.

Options:

A- Explanation:

1. ansible all -b -m yum -a 'name=php state=present'
2. ansible all -b -m yum -a 'name=php state=latest'
3. ansible all -b -m yum -a 'name=httpd state=latest'
4. ansible all -b -m yum -a 'name=httpd state=absent'

Answer:

A

Question 3

Question Type: MultipleChoice

Using the Simulation Program, perform the following tasks:

1. Use an ansible ad-hoc command, check the connectivity of your servers.
2. Use an ad-hoc ansible command, find the free space of your servers.
3. Use an ad-hoc ansible command, find out the memory usage of your servers.
4. Do an ls -l on the targets /var/log/messages file.
5. Tail the contents of the targets /var/log/messages file.

Options:

A- Explanation:

1. ansible all -m ping
2. ansible all -a '/bin/df -h'
3. ansible all -a '/usr/bin/free'
4. ansible all -a 'ls -l /var/log/messages'
5. ansible local -b -a 'tail /var/log/messages'

Answer:

A

Question 4

Question Type: MultipleChoice

Create a role called sample-apache and store it in /home/bob/ansible/roles. The role should

satisfy the following requirements:

*In the role, install and enable httpd. Also enable the firewall to allow http. Also run the template

*index.html.j2 and make sure this runs Create a template index.html.j2 that displays "Welcome to the server HOSTNAME"

In a play called apache.yml in /home/bob/ansible/ run the sample-apache role.

Options:

A- Explanation:

/home/sandy/ansible/apache.yml

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

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

```
---  
# 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 5

Question Type: MultipleChoice

Create a playbook /home/bob/ansible/timesync.yml that runs on hosts in the webservers host group and does the following:

- * Uses the timesync RHEL system role.
- * Sets the ntp server to 0.uk.pool.ntp.org
- * Sets the timezone to UTC

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 6

Question Type: MultipleChoice

Create a file called mysecret.yml on the control host using ansible vault in home/bob/ansible. Set the password to 'notasafepass' and inside the file create a variable called dev_pass with the value of devops. Save the file. Then go back in the file and change dev_pass

value to devops123. Then change the vault password of mysecret.yml to verysafepass

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 7

Question Type: MultipleChoice

Create a file in /home/sandy/ansible/ called report.yml. Using this playbook, get a file called report.txt (make it look exactly as below). Copy this file over to all remote hosts at /root/report.txt. Then edit the lines in the file to provide the real information of the hosts. If a disk does not exist then write NONE.

report.txt

```
HOST=inventory hostname
MEMORY=total memory in mb
BIOS=bios version
VDA_DISK_SIZE=disk size
VDB_DISK_SIZE=disk size
```

Options:

A- Explanation:

Solution as:

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



```
- name: change bios
  lineinfile:
    line: BIOS={{ansible_bios_version}}
    regex: ^BIOS
    state: present
    path: /root/report.txt
- name: change vda
  lineinfile:
    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
  lineinfile:
    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

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