

RedHat.EX407.v2021-04-24.q9

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NEW QUESTION: 1

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

Answer:

See the Explanation for complete Solution below.

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
```



NEW QUESTION: 2

Create a playbook /home/bob/ansible/timesync.yml that runs on hosts in the webserver 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

Answer:

See the Explanation for complete Solution below.

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
```

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NEW QUESTION: 3

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.

Answer:

See the Explanation for complete Solution below.

Explanation

```
ansible-vault create lock.yml
```

New Vault Password: reallysafepw

Confirm: reallysafepw

In file:

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

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NEW QUESTION: 4

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.

Answer:

See the Explanation for complete Solution below.

Explanation

```
in /home/sandy/ansible/roles
```

```
vim requirements.yml
```

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

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Run the requirements file from the roles directory:

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

NEW QUESTION: 5

Create a file called packages.yml in /home/sandy/ansible to install some packages for the following hosts. On dev, prod and webserver 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.

Answer:

See the Explanation for complete Solution below.

Explanation

Solution as:

```
- name: install pack
hosts: dev, test, webserver
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 development node

yum:

name: '*'

state: latest

NEW QUESTION: 6

Create a playbook /home/bob /ansible/motd.yml that runs on all inventory hosts and docs the following: The playbook should replace 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".

Answer:

See the Explanation for complete Solution below.

Explanation

/home/sandy/ansible/apache.yml



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

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

NEW QUESTION: 7

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.

Answer:

See the Explanation for complete Solution below.

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'

NEW QUESTION: 8

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.

Answer:

See the Explanation for complete Solution below.

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
```

NEW QUESTION: 9

Create a playbook called webdev.yml . 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

Answer:

See the Explanation for complete Solution below.

Explanation

Solution as:

```
- 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
        state: link
    - name: create index.html
      copy:
        content: Development
        dest: /webdev/index.html
    - name: Install selinux policies
      yum:
        name: python3-policycoreutils
        state: present
    - name: allow httpd from this directory
      sefcontext:
        target: '/webdev(/.*)?'
        setype: httpd_sys_content_t
        state: present
    - name: restore the context
      shell: restorecon -vR /webdev
```

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