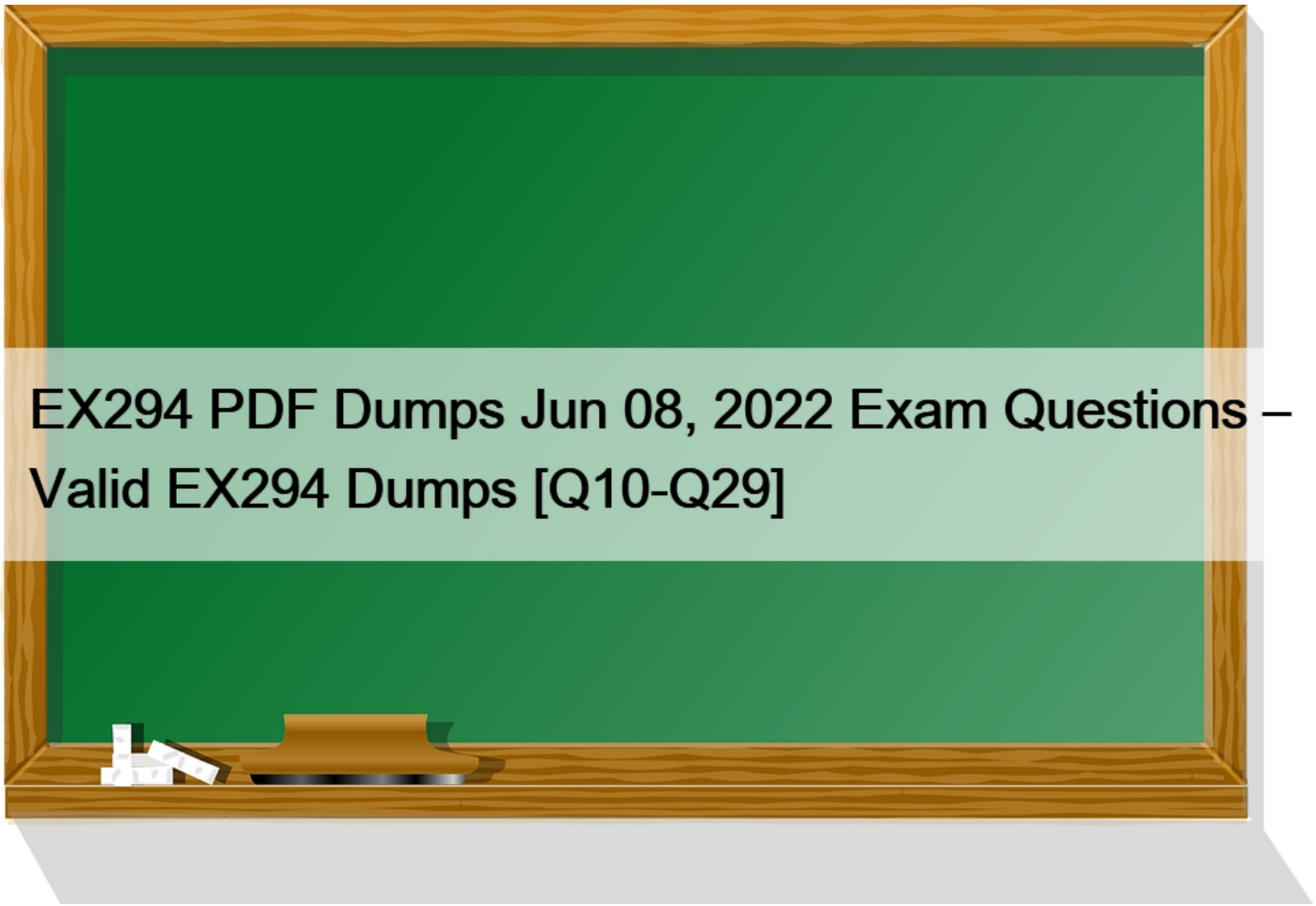
EX294 PDF Dumps Jun 08, 2022 Exam Questions ? Valid EX294 Dumps [Q10-Q29



EX294 PDF Dumps Jun 08, 2022 Exam Questions – Valid EX294 Dumps
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Red Hat EX294 Exam Certification Details:

Sample QuestionsRed Hat EX294 Sample QuestionsExam NameRed Hat Certified Engineer (RHCE)Exam Price$400 USDNumber of Questions20Schedule ExamPEARSON VUEPassing Score210 / 300Duration240 minutes

Red Hat RHCE Exam Syllabus Topics:

SectionObjectivesInstall and configure an Ansible control node- Install required packages

- Create a static host inventory file

- Create a configuration file

- Create and use static inventories to define groups of hosts

- Manage parallelismUnderstand core components of Ansible- Inventories

- Modules

- Variables

- Facts

- Plays

- Playbooks

- Configuration files

- Use provided documentation to look up specific information about Ansible modules and commandsScript administration tasks- Create simple shell scripts

- Create simple shell scripts that run ad hoc Ansible commandsCreate Ansible plays and playbooks- Know how to work with commonly used Ansible modules

- Use variables to retrieve the results of running a command

- Use conditionals to control play execution

- Configure error handling

- Create playbooks to configure systems to a specified stateUse advanced Ansible features- Create and use templates to create customized configuration files

- Use Ansible Vault in playbooks to protect sensitive dataWork with roles- Create roles

- Download roles from an Ansible Galaxy and use themBe able to perform all tasks expected of a Red Hat Certified System Administrator- Understand and use essential tools

- Operate running systems

- Configure local storage

- Create and configure file systems

- Deploy, configure, and maintain systems

- Manage users and groups

- Manage security

NEW QUESTION 10

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’
* Solution as:

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


* Solution as:

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


NEW QUESTION 11

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.
* Option

```
---
- 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
    immediate: yes
- name: index
  template:
    src: templates/index.html.j2
    dest: /var/www/html/index.html
  notify:
    - restart
```

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

```
Welcome to {{ansible_fqdn}} {{ansible_default_ipv4.address}}
```

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

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


* Option

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


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

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

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

NEW QUESTION 12

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.
* chmod 0117 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’
* 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’

NEW QUESTION 13

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”
* Solution as:

* Solution as:

NEW QUESTION 14

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

* Solution as:

* 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
```

NEW QUESTION 15

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
```


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

```
---
- 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: manage
      when: ('prod' in group_names)
    - name: create devs should happen on node1
      user:
        name: "{{item.username}}"
        groups: devops
        password: "{{ pw_dev | password_hash('sha512') }}"
      when: ('dev' in group_names) and ('developer' in item.job)
      loop: "{{users}}"
    - name: create managers on node45
      user:
        name: "{{item.username}}"
        groups: manager
        password: "{{ pw_mgr | password_hash('sha512') }}"
      when: ('prod' in group_names) and ('manager' in item.job)
      loop: "{{users}}"
```


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

NEW QUESTION 16

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.
* ansible-vault create lock.yml

New Vault Password: reallysafepw

Confirm: reallysafepw

In file:

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

* ansible-vault create lock.yml

New Vault Password: reallysafepw

In file:

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

NEW QUESTION 17

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”.
* /home/sandy/ansible/apache.yml

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

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

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