



RHCE^{Q&As}

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**QUESTION 1**

SIMULATION

You access the iscsi shared storage. The storage server ip is 172.24.30.100. Separate of 1500M space, format as ext3 file system, mount under /mnt/data, and make sure the root-start automatically mount.

A. explanation

Correct Answer: A

QUESTION 2

SIMULATION

RHCE Test Configuration Instructions

Information for the two systems you will use in test is the following:

system1.group3.example.com: is one of the main sever. system2.group3.example.com: mainly used as a client.

Password for both of the two systems is atenorth

System's IP is provided by DHCP, you can regard it as normal, or you can reset to Static IP in accordance with the following requirements:

system1.group3.example.com: 172.24.3.5

system2.group3.example.com: 172.24.3.10 The subnet mask is 255.255.255.0 Your system is a member of DNS domain group3.example.com. All systems in DNS domain group3.example.com are all in subnet 172.24.3.0/255.255.255.0, the same all systems in this subnet are also in group3.example.com, unless

specialized, all network services required to be configured can be accessed by systems of domain group3.

host.group3.example.com provides a centralized authentication service domain

GROUP3.EXAMPLE.COM, both system1 and system2 have already been pre-configured to be the client for this domain, this domain provides the following user account:

```
krishna (password: atenorth)
sergio (password: atenorth)
kaito (password: atenorth)
```

Firewall is enabled by default, you can turn it off when deemed appropriate, other settings about firewall may be in separate requirements.

Your system will be restarted before scoring, so please ensure that all modifications and service configurations you made still can be operated after the restart without manual intervention, virtual machine instances of all examinations must be able to enter the correct multi-user level after restart without manual assistance, it will be scored zero if the test using virtual machine system cannot be restarted or be properly restarted.



Corresponding distribution packages for the testing using operating system Red Hat Enterprise Linux version can be found in the following link: <http://server1.group3.example.com/rhel>

Part of the requirements include host security, ensure your host security limit does not prevent the request to allow the host and network, although you correctly configured the network service but would have to allow the host or network is blocked, this also does not score.

You will notice that some requirements which clearly do not allow services be accessed by service domain my133t.org, systems of this domain are in subnet 172.25.1.0/252.255.255.0, and systems of these subnets also belong to my 133t.org domain.

PS: Notice that some test questions may depend on other exam questions, for example, you might be asked to perform a series of restrictions on a user, but this user creation may be required in other questions. For convenient identification, each exam question has some radio buttons to help you identify which questions you have already completed or not completed. Certainly, you do not need to care these buttons if you don't need them.

Implement/configure a Web Service.

Configure a site <http://system1.domain11.example.com/> on the system1, then execute the following steps:

(1)

Download file from <http://rhgls.domain11.example.com/materials/station.html> and rename this files index.html, don't modify the file contents; (2) Copy the file index.html to your web server's DocumentRoot directory

(3)

Clients from domain group3.example.com can access to this web service

(4)

Clients from domain my133t.org deny access to this web service

A.

explanation

Correct Answer: A



```
yum groupinstall web\* -y
systemctl start httpd
systemctl enable httpd
vim /etc/httpd/conf/httpd.conf
/ServerName
ServerName server1.domain11.example.com:80
systemctl restart httpd
wget -O index.html
http://rhgls.domain11.example.com/materials/station.html
firewall-config
```

The screenshot shows the Firewall Configuration window. At the top, the configuration is set to 'Permanent'. The 'Services' tab is selected, and the 'Rich Rules' sub-tab is active. A list of zones is shown on the left, with 'public' selected. The main area displays a table for setting rich language rules, with columns for Family, Action, Element, Src, Dest, log, and Audit. Below the table are 'Add', 'Edit', and 'Remove' buttons. The status bar at the bottom indicates 'Connected', 'Default Zone: public', 'Lockdown: disabled', and 'Panic Mode: disabled'.

Firewall Configuration

File Options View Help

Configuration: Permanent ▾

Zones Services

A firewall zone defines the level of trust for network connections, interfaces and source addresses bound to the zone. The zone combines services, ports, protocols, masquerading, port/packet forwarding, icmp filters and rich rules. The zone can be bound to interfaces and source addresses.

Zone

- block
- dmz
- drop
- external
- home
- internal
- public
- trusted
- work

Services Ports Masquerading Port Forwarding ICMP Filter Rich Rules Interfaces

Here you can set rich language rules for the zone.

Family	Action	Element	Src	Dest	log	Audit
--------	--------	---------	-----	------	-----	-------

Add Edit Remove

Connected. Default Zone: public Lockdown: disabled Panic Mode: disabled



Rich Rule

Please enter a rich rule.
For host or network white or blacklisting deactivate the element.

Family:

Element:

Action: with Type:

With Limit: /

Source: inverted

Destination: inverted

Prefix:

Log: Level:

With Limit: /

Audit: With Limit: /

```
systemctl restart firewalld
```

QUESTION 3

SIMULATION

Whoever creates the files/directories on /storage group owner should be automatically should be the same group owner of /storage.

A. explanation

Correct Answer: A



1.

```
chmod g+s /storage
```

2.

Verify using: `ls -ld /storage`

Note:

Permission should be like:

`drwxrws--- 2 root sysusers 4096 Mar 16 18:08 /storage` If SGID bit is set on directory then who every users creates the files on directory group owner automatically the owner of parent directory.

To set the SGID bit: `chmod g+s directory`

To Remove the SGID bit: `chmod g-s directory`

QUESTION 4

SIMULATION

You are giving RHCE exam. Examiner gave you the Boot related problem and told to you that make successfully boot the System. When you started the system, System automatically asking the root password for maintenance. How will you fix that problem?

A. explanation

Correct Answer: A

QUESTION 5

SIMULATION

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each exam question has some radio buttons to help you identify which questions you have already completed or not completed. Certainly, you do not need to care these buttons if you don't need them.

Create a script

Create a script named /root/foo.sh on the system1, make it provide the following characteristics:

1.

When running /root/foo.sh redhat, the output is fedora

2.

When running /root/foo.sh fedora, the output is redhat

3.



When there is no parameter or parameter is not redhat or fedora, the following information will be generated by the error output: /root/foo.sh redhat:fedora

A. explanation

Correct Answer: A

```
cd ~
vim foo.sh
#~/bin/bash
case $1 in
    redhat)
        echo fedora
        ;;
    fedora)
        echo redhat
        ;;
    *)
        echo 'root/foo.sh redhat:fedora'
esac
:wq
chmod +x foo.sh
./foo.sh redhat
./foo.sh fedora
./foo.sh 1
```

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