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QUESTION 1

SIMULATION

Create a Shell script /root/program:

The shell script will come back to "user" parameter when you are entering "kernel" parameter.

The shell script will come back to "kernel" when you are entering "user" parameter.

It will output the standard error when this script "usage:/root/program kernel|user" don't input any parameter or the parameter you inputted is entered as the requirements.

A. explanation

Correct Answer: A

```
[root@server1 virtual]# cat /root/program
#!/bin/bash
param1="$1"
if [ "$param1" == "kernel" ]; then
echo "user"
elif [ "$param1" == "user" ]; then
echo "kernel"
else
echo "usage:/root/program kernel|user"
if
[root@server1 ~]# chmod +x /root/program
```

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.

Configure the iSCSI Server Configure the system1 to provide a iSCSI service disk named iqn.201409.com.example.domain11:system1 and meet the following requirements at the same time:

1.

The Server Port is 3260

2.

Use iSCSI-store as its back-end volume, its size is 3G

3.

This service just can be accessed by system2.domian11.example.com

A. explanation



Correct Answer: A



```
fdisk /dev/sda
partprobe /dev/sda
yum install -y targetcli\*
targetcli
cd backstores/
block/ create block1 /dev/sda3
cd /iscsi
create iqn.2014-09.com.example.domain11:system1
cd iqn.2014-09.com.example.domain11:system1/
cd tpg1/
acls/ create iqn.2014-09.com.example.domain11:system
luns/ create /backstores/block/block1
portals/ create system1.domain11.example.com
exit
systemctl start target
systemctl enable target
firewall-config
```

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

There were two systems:

system1, main system on which most of the configuration take place

system2, some configuration here

Smb multiuser mount

Mount the samba share /opstack permanently beneath /mnt/smbspace on desktopX as a multiuser mount.

The samba share should be mounted with the credentials of frankenstein.

A. explanation

Correct Answer: A

```
yum -y install cifs-utils samba-client
mkdir -p /mnt/smbspace
vim /root/smb-multiuser.txt
username=frankenstein
password=SaniTago
chmod 0600 /root/multiuser.txt
vim /etc/fstab
//server1/cluster /mnt/smbspace cifs defaults,sec =ntlmssp,
credentials=/root/smb-multiuser.txt,multiuser 0 0
```

QUESTION 4

SIMULATION

Given the kernel of a permanent kernel parameters: sysctl=1. It can be shown on cmdline after restarting the system. Kernel of /boot/grub/grub.conf should be a34ddd finally, as:

A. explanation

Correct Answer: A



```
Kernel of /boot/grub/grub.conf should be added finally, as:

kernel /vmlinuz-2.6.32-279.1.1.e16.x86_64 ro
root=/dev/mapper/vgsrv-root
rd_LVM_LV=vgsrv/root      rd_NO_LUKS  LANG=en_US.UTF-8
rd_LVM_LV=vgsrv/swap rd_NO_MD
SYFONT=latencyrheb-sun16 crashkernel=auto KEYBOARDTYPE=pc
KEYTABLE=us rd_NO_DM rhgb quiet
rhgb quiet sysctl=1
```

QUESTION 5

SIMULATION

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Configure the Local Mail Service

Configure the mail service on system1 and system2, as required:

1.
These systems do not accept external sending mails
 2.
Any mails sent locally are automatically routed to rhgls.domain11.example.com
 3.
Mails sent from these systems will be displayed from rhgls.domain11.example.com
 4.
You can send mail to local user `arthur` to test your configuration system rhgls.domain11.example.com
 5.
You have already configured this user's mail to the following URL rhgls.domain11.example.com/received_mail/11
- A. explanation

Correct Answer: A



```
postconf -e local_transport=err:XX
vim /etc/postfix/main.cf
relayhost=[rhgls.domain11.exmample.com]
postconf -e myorigin=domain11.example.com
systemctl restart postfix
echo aaa | mail -S hello dave
```

Open rhgls.domain11.example.com/received_mail/11 in a browser

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