ssh node1.domain6.example.com roxicant

1)

Create users	
On node1 create user accounts with the following cha	racteristics:
A user named chris with a user id of 2345	
A user named eric who also belongs to a seco	ndary group named devops
A user named joe who also belongs to a second	dary group named devops
The password for all three user accounts is rox	icant
	Back
	Provide feedback on this item

useradd -u 2345 chris

useradd eric useradd joe

groupadd devops

usermod -G devops eric usermod -G devops joe

passwd chris roxicant passwd eric roxicant passwd joe roxicant _____

2)

Create files and directories
On node1 create the following directories according to the following specifications:
/penguin directory is owned by the user chris and belongs to the group chris /shared directory is owned by the user root and belongs to the group root Other users are able to read from and write to /shared Users who create files in /shared are able to delete the files they create but they cannot delete files created by other users
Back
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mkdir /penguin chown chris:chris /penguin

mkdir /shared chown root:root /shared chmod o+rw /shared chmod o+t /shared

ls -l

3)

Locate files	
Use the find command to locate all files under	/usr which are larger than 25M and smaller than 50M
Ensure that you use the command in such Redirect the list of files that satisfy this cr	h a way that all files are listed with their full path name. riterion in the file /root/output.txt
	Back

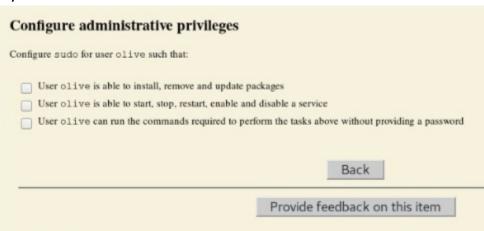
find /usr -type f -size +25M -size -50M > /root/output.txt cat /root/output.txt

4)

Create a user with account restrictions On node1 create a user account according to the following specifications: The username for the account is jerry The password for the account is roxicant The user is prompted to change their password every 3 days

useradd jerry passwd roxicant chage -M 3 jerry chage -d 3 jerry chage -l jerry ______

5)

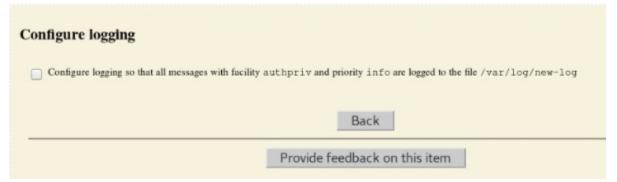


Which yum Which systemctl

```
vim /etc/sudoers.d/olive

olive ALL=(ALL) /usr/bin/yum install *
olive ALL=(ALL) /usr/bin/yum remove *
olive ALL=(ALL) /usr/bin/yum update *
olive ALL=(ALL) /usr/bin/systemctl start *
olive ALL=(ALL) /usr/bin/systemctl stop *
olive ALL=(ALL) /usr/bin/systemctl enable *
olive ALL=(ALL) /usr/bin/systemctl disable *
olive ALL=(ALL) /usr/bin/systemctl restart *
olive ALL=(ALL) /usr/bin/systemctl restart *
```

6)

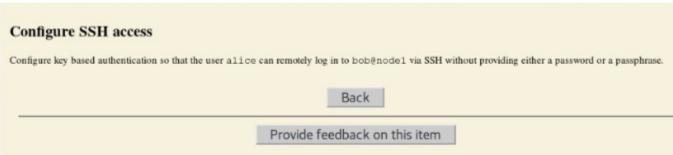


vim /etc/rsyslog.d/authpriv.conf authpriv.info /var/log/new-log systemctl restart rsyslog logger -p authpriv.info "test" tail /var/log/new-log

7)

Install and configure a service	
Install and enable the vsftpd service on node1	
Ensure that the vsftpd service is available acros	ss system reboots.
	Back
	Provide feedback on this item

yum install vsftpd systemctl start vsftpd systemctl enable vsftpd systemctl is-active vsftpd 8)



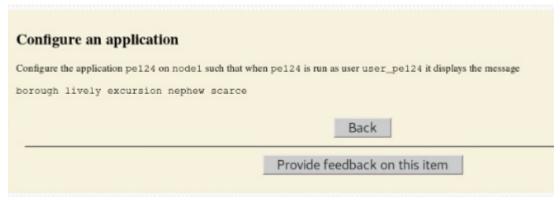
su - alice ssh-keygen ssh-copy-id bob@node1 ssh bob@node1

9)

Configure the user environment	
Configure the environment for the user shelly such that who	n shelly is logged in:
Typing my_prog always results in running the executab Typing my_prog always results in running this file no n	ele file my_prog which resides in the directory ~shelly/local/bin matter what the working directory is for shelly
	Back
	Provide feedback on this item

Su - shelly
Export PATH=\${PATH}:~shelly/local/bin
my_prog

10)



su - user_pe124
vim ~/.bashrc
PE124="borough lively excursion nephew scarce"
echo \$PE124
export PE124
Export pe124

11)

Copy a file

The block device /dev/vda3 contains an ext4 filesystem. Copy the file secret.txt that is contained within this filesystem to the /root directory. The filesystem does not need to be permanently accessible.

Back

Provide feedback on this item

mount /dev/vda3 /mnt ls /mnt cp /mnt/secret.txt /root unmount /mnt