# White test N°6 - RHCSA 8

## Initialization : Systems set up

**System1 :**

Hostname – system1.example.com

IP – 192.168.55.150/24

Dns – 192.168.5.1

GW – 192.168.5.1

**System2 :**

Hostname – system2.example.com

IP – 192.168.55.151/24

Dns – 192.168.5.1

GW – 192.168.5.1

## Questions

## System1 :

1- reset the root password of the system1 server to « password123 »

2- create a backup file named « /root/backup.tar.bz2 ». the backup file should contain the content of « /usr/local » and should be zipped with bzip2 compression format.

3- Ensure selinux is in enforcing mode. If it is not, change selinux to enforcing mode.
4- Configure a task : write the message hello every monday at 17h.30

5- Find the files owned by the user student, and copy it to catalog : /opt/dir

6- Write a shell script that finds files located in /etc and whose size is between 2bytes and 10M

7- Find the rows that contain /bin/bash from file /etc/passwd, and write it to the file /tmp/testfile.

8- On system2, configure Europe as the time zone

9- Configure system1 to be a ntp client for system2

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10- Add user1, user2 and user3. The additional group of the two users : user2, user3 is the admin group. Password : redhat

11- Add admin group and set gid=6000

12- Create a shared directory /home/admins, make it has the following characteristics :

/home/admins belongs to group administrator. This directory can be read and written by members of group administrator. Any files that will be created in /home/admins must have administrator as owner group.

13- Copy /etc/passwd to /var/tmp/pass. Owner of the file /var/tmp/pass is root, belongs to group root, and this file can not be executed by any user

14- Add the service nfs to your firewall configuration

16. when he connects , formateur1 will have his home folder mounted on "/home/formateur1" from server2:/tekup/tic/formateur1

17. Make balanced profile as your default profile

18. Create a container logserver from an image rsyslog

●Configure the container with systemd services by an existing user "student »

,●Service name should be container-logserver, and configure it to start automaticallyacross reboot

19. Configure your host journal to store all journal across reboot

●Copy all *.journal from /var/log/journal and all subdirectories to/home/student/container_logserver

Configure automount /var/log/journal from logserver (container) to/home/student/container_logserver when container starts.

## System2 :

15- Create a 512M partition (/dev/sdb of 2GB), make it as ext4 file system, mounted automatically under /mnt/data1 and which take effect automatically at boot-start

16- Make a swap partition having 100MB (/dev/sdb of 2GB). Make automatically usable at system boot time.

17- Create a volume group vg (5GB), and set PE=32M.Create two logical volumes as followes :

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- Lvol1 with size 1256M, configure it with ext4 file system, and mount it automatically under /mnt/lv1
- Lvol2 with 10 LE . configure it with xfs and mount it permanently to /mnt/lvo2.

18- Reduce the size of Lvol1 to 500M
19- Extend the size of lvol2 to 620M
20- (/dev/sdc of 10GB) : create a VDO volume with the name (class1_vdo) and a logical size of 30GB. Format the VDO volume with the xfs filesystem, mount it on /class1_mnt and make it persistent across reboot.