

Lab # 7 – Common Administrative Tasks

Objectives:

- Log file management
- User account and password management

Procedures:

1. How frequently are the syslogs rotated on your machine? How many history files does your current configuration keep? What files did you examine to determine this information?

once a day everyday. 7, there are 7 syslog.gz's. i just looked in the log directory

2. What is the UID of the root user on your system? What is the UID of the sys user? How did you determine what the user ids are?

/root:/bin/bash

/dev:/usr/sbin/nologin

i looked in the psswrn file in /etc/

3. Create a new user named test1 with the useradd utility. Other than the username, do not use any additional command line arguments. Print the complete command you used below.

sudo useradd test1

4. What are the new user's home directory and shell? Does the user's home directory exist? How did you determine this information?

/home/test1:/bin/sh

yes i went to /bin and sh was there

5. Examine the `/etc/default/useradd` file. Set the `useradd` defaults so that:

- a) The default shell is `/bin/bash`
- b) The default home directory stub is `/home`
- c) The skeleton directory is `/etc/skel`

How did you accomplish these actions?

i vim `/etc/default/useradd`

I uncommented some lines and changed `/bin/sh` to `/bin/bash`

6. Alter the `/etc/login.defs` file, adding the directive

`CREATE_HOME` `yes`

To the bottom of the file. What does this directive do?

If a home directory should be created by default for a new user

7. Create a new user named `test2` with the `useradd` utility. Other than the username, do not use any additional command line arguments. Print the complete command you used below.

`sudo useradd test2`

8. What are the `test2` user's home directory and shell? Does the `test2` user's home directory exist? How did you determine this information.

`/home/test2:/bin/bash`

9. How did the changes you made to `/etc/default/useradd` and `/etc/login.defs` change the operation of the `useradd` command?

it made it so that the home directory is in `/home` and is automatically made when we make a new user along with the default shell being `/bin/bash`

10. Change the password for the `test1` and `test2` users. What commands did you use to accomplish these tasks?

i became root with `sudo su -`

then i did `passwd test1`

then changed it to orange

and then `passwd test2`

and then changed that to orange aswell

11. Add a description in the `test1` user's GECOS field. What commands did you use to accomplish these tasks?

`usermod test1 -c test1`

usermod tes2 -c test2

12. Lock the account for the test2 user. What commands did you use to accomplish this task? Is there any other way you could have accomplished this?

usermod -L test2

i could of done passwd -l test2

13. Verify that the test2 user's account is locked. How did you verify this?

i went into /etc/shadow and saw that there is an ! in front of the \$

14. Unlock the test2 user's account. What commands did you use to accomplish this task? Is there any other way you could have accomplished this?

usermod -U test2

15. Verify that the test2 user's account has been unlocked. How did you verify this?

i went into /etc/shadow and saw that there is no ! in front of the \$

16. Familiarize yourself with the operation of the chage command. How did you go about this?

17. Using the chage command, set the following attributes for the test1 account:

Set minimum number of days between password changes to 4

Set the maximum password age to 30 days

Set the password warning the 4 days

What is the complete command to accomplish these tasks?

i did chage test1 and followed the prompt.

18. Remove the test2 user account. Make sure to remove the user's home directory as well. What commands did you use to accomplish this task?

i did userdel test2 then i went into /home and did rm -r test2