INFO-5111 Advanced Linux – Lab-13

Part 1 Objectives:

- Boot the Kiosk
- Reset server0 machines
- Set the hostname of server0 to server-folid

Prerequisites:

- VMWare Workstation 14 or higher is installed and working
- The Lab Environment is installed and working

Scenario

In this lab, you will configure your server to make some samba shares that you will connect using the desktop machine.

Lab Timing

You will be required to submit the slides for this lab to dropbox no later than 10 minutes before the end of the class. **Late submissions will receive 0 marks.**

Lab Scoring

Slides 1-2 are each worth 0 points but are required to get any marks, and slides 3-4 are worth 2, 4-6 are worth 3 points for a total of 10 available points for this lab. This is worth 5% of your final mark

Reset both the desktop and server back to last saved state

The first task is to reset the machines to the last saved state. Do this by selecting the reset button, and choosing the server, then doing it again and selecting the desktop. **NOTE: DO NOT RESET THE CLASSROOM MACHINE. IT WILL REMOVE THE LICENSE. For the steps to do this, see lab 1.**

Slide 1: Take a screen shot of the server machine being reset to the last saved state.

Set the Hostnames of both machines

Use the standard server-folid (as always, folid is your fol id).

Slide 2: Take a screen shot of your prompt with the correct machine name.

Use the info in chapter 13 the lecture, and homework

Change the default parameter for all users except root to be:
[\u@\h \t \w]$

Slide 3: Enter the full path of the file that you changed, and show the lines within that file that you changed. Include 5 lines in this file before and after the changes (10 extra lines besides changes!)

```
diskcheck()
{
   iostat -d
   echo
   df -hP --type xfs
}
```

Add the above function into the student user's logon so that it will be available from any bash shell

Slide 4: Enter the full path of the file that you changed, and show the lines within that file that you changed. Include 5 lines in this file before and after the changes (10 extra lines besides changes!)

From your current shell, run a bash shell, then run diskcheck

Slide 5: Show the run output from the diskcheck function

```
pathmunge ()
{
   if [ "$2" = "after" ] ; then
      PATH=$PATH:$1
   else
      PATH=$1:$PATH
   fi
}
```

Add the above to the user profile to run once when the user logs on.

Slide 6: Enter the full path of the file that you changed, and show the lines within that file that you changed. Include 5 lines in this file before and after the changes (10 extra lines besides changes!)