# **Scenario Based Questions**

**Login to the Unix system using the account you are given.**

**Run the command**

**sudo -i**

**This will enable you to run a series of administrative commands *as root*.**

***Please be patient, some of the commands take a minute or so to run.***

# **Advanced Permissions**

Question 1

As root run the command

/scenariolabs/AdvancedPermissions/Q1

In a separate window login as instructor. Run the command:

**$ cd /scenariolabs/AdvancedPermissions**

**$ ./specialCat /etc/shadow**

It fails. The specialCat command is just the cat command but it should work on any file for any user. Make the changes necessary to make specialCat work, so that you really do see the content of /etc/shadow even when you are just an ordinary user.

Question 2

Jill and Quentin are members of the HumanRes group and both write documents into the shared folder /home/HRDocs.

As superuser run the command

/scenariolabs/AdvancedPermissions/Q2

Login as jill (password S@nit1zer),or su – jill from superuser). Create the file:

/home/HRDocs/newsUpdate

Run ls –l to this file. It should be asscocaited with the group HumanRes. It isn’t! Quentin should be allowed to edit the file and he is not able to do that.

Fix the problem so that when jill and quentin create files in /home/HRDocs, the files automatically belong to the group HumanRes.

Question 3

As superuser run the command

/scenariolabs/AdvancedPermissions/Q3

**Everyone, as you know, can create files in /tmp.**

**Login as jill and create the file /tmp/jillFile**

**Login as quentin and delete this file. Quentin should not be allowed to do that!**

**Fix the problem! Please!!**

Question 4

As superuser run the command

/scenariolabs/AdvancedPermissions/Q4

Jill has decided today is the day to change her password. Login as jill and do just that.

Sadly Jill is not able to do as she intended and reports the problem to you. Can you fix it?