# **Exam 4**

## Set Up Work

**Change directory to /scenariolabs/Exam**

**Run the prep command**

**./prepExam**

**The program will ask for a number, 1-4. Since this is Exam4, respond with 4.**

**The program will now ask you for a password, your instructor will give you the password needed.**

**You should now see a subdirectory ‘Exam4’. Go into this directory and run the programs as instructed.**

# **Exam 4**

## **Question 1**

**Please run**

**/scenariolabs/Exam/Exam4/Q1**

**to set up the fault.**

**Glen has joined the firm! He has an account, glen/S@nit1zerS.**

**Login as glen and run the command ‘ls –al’. Note that where the group name should be, there is a number. That is the fault. Please re-arrange the configuration so that glen’s files are associated with ‘glen’, his private group.**

## **Question 2**

**Please run**

**/scenariolabs/Exam/Exam4/Q2**

**to set up the fault.**

**There are three processes running. Two called ‘balance1’ and one called ‘balance2’. The balance2 process is not making very good progress and the users are complaining. See if you can change things so that, from now on, each of the three processes use the same amount of CPU time, on average.**

## **Question 3**

**Please run**

**/scenariolabs/Exam/Exam4/Q3**

**to set up the scenario.**

**The Logical Volume smallVol is 600MiB in size. It is mounted on ‘/data’. A quick check with ‘df -h’ shows the /data is 99% full. That command also reveals that the filesystem is holding only 97MiB of data. Make changes so that /data only about 17% full, enabling the system to continue to function.**

*(Environment: Azure)*