# **Exam 3**

**Change directory to /scenariolabs/Exam**

**Run the prep command**

**./prepExam**

**The program will ask for a number, 1-4. Since this is Exam3, respond with 3.**

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

**You should now see a subdirectory ‘Exam3’. Go into this directory and run the programs as instructed.**

# **Exam 3**

## **Question 1**

**Please run**

**/scenariolabs/Exam/Exam3/Q1**

**to set up the fault.**

**A new person has joined the HR department. Oscar Pentonville. He has been given a unix login. His login is simply ‘oscar’. Sadly Oscar is having trouble logging in and has forgotten his password. He says he has never been able to login and work, even when he knew his password. His account was created in a hurry by a member of staff who has now gone away on leave and is not contactable. Try to give Oscar access to the system by resetting his password and possibly repairing his faulty account, there should be no error messages when he logs in. Please do NOT delete his account.**

## **Question 2**

**Please run**

**/scenariolabs/Exam/Exam3/Q2**

**to set up the fault.**

**There have been issues with user crontabs, and cronjobs, not running, or running too often. There are disputes as to which jobs have run and when. In order to resolve these questions the log file /var/log/cron has been consulted. Sadly, cron’s activity has not been logged. This remains the position. You need to carry out the necessary configuration so that cron’s activity is logged from now on.**

## **Question 3**

**Please run**

**/scenariolabs/Exam/Exam3/Q3**

**to set up the fault.**

**A contractor was paid to create a filesystem which automatically mounts on mount point /DataService each time the machine boots. This is not happening. Also, the command ‘mount /DataService’ is also not working. So the filesystem cannot even be mounted manually.**

**Background:**

**Due to the need to control costs the contract was terminated before the work was quality checked. It may be that this file system has never mounted properly.**

**You job is to get the filesystem to mount, both manually and automatically after a system boot.**

*(Environment: Azure)*