Linux - Lab #6

User Management

# Task#1 Create Users Accounts

Create the following user accounts with the appropriate configuration.

**Standard Users:**

User: **Larry**

User: **Darryl1**

**Admin User:**

User: **Darryl2**

Add Darryl2 to the sudoers file as a full admin

**System Account:**

User: **apacheuser**

Configure this account to be a system account.

Lock the account using usermod

Configure the shell to be **/sbin/nologin**

Ensure the password has been set to **P@ssw0rd** for Larry, Darryl1 and Darryl2.

# Task#2 Create Groups and Management

Create a group called **AppAdmins**.

Create a group called **Social**

Change the primary group of **Larry** to be **AppAdmins**

Add **Darryl1** and **Darryl2** to the **Social** group as one of their secondary groups

Make **Larry** an administrator on the system.

# Task# 3 Configure Permissions

Create a directory **/tmp/newdir**

Inside /tmp/newdir, create the following files, directories and links. The final output of the **ls -l** command should look as follows:

drwxr-xr-x 2 Larry SolarAdmins LiNux

--wxr--r-- 1 root root uniX

lrwxrwxrwx 1 root root NETworK -> /etc/sysconfig/network

drw-r-x-wx 2 Darryl1 CoffeeClub The\_River

lrwxrwxrwx 1 root root GROUp -> /etc/group

Ensure that no additional files or directories are in this directory, except for the ones listed above

# Task# 4 Configure ACL Permissions with setfacl

Create a directory called **/tmp/ACL** and configure the permissions on the directory as follows:

* the user Darryl2 should have read/write access
* the group Social should have read access
* the group AppAdmins should have no access.

# Task# 5 User Management

Investigate the use of the authconfig command to configure the environment such that the minimum password length is 9**.**

# Task # 6 Create user/groups with specific GID/UID

Create the following Groups and Users:

**Group Name GID**

Developers 3003

Helpdesk 3004

HR 3005

Operations 3006

**Full Name username UID Primary GID Secondary GID Home Dir Location**

John Doe jdoe 2000 3005 3006 /home/jdoe

Tina Doe tdoe 2001 3003 3004 /home/tdoe

June Winter jwinter 2002 3004 3003 /home/jwinter

Summer May smay 2003 3006 3005 /home/smay

Frank Markos fmarkos 2004 3005 3003 /home/ fmarkos

# Task # 7 /etc/passwd

Focus on the user John Doe.

Open the /etc/passwd file and fill in the blanks below with the users information.   
  
\_\_\_\_\_\_\_\_\_\_:x:\_\_\_\_\_\_:\_\_\_\_\_\_\_:\_\_\_\_\_\_\_\_\_\_\_:\_\_\_\_\_\_\_\_\_\_\_\_\_\_:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1 2 3 4 5 6 7

Define what each section’s data pertains to. For example  
1. Username

2.   
3.   
4.   
5.   
6.  
7.