



**Andree Salvo**

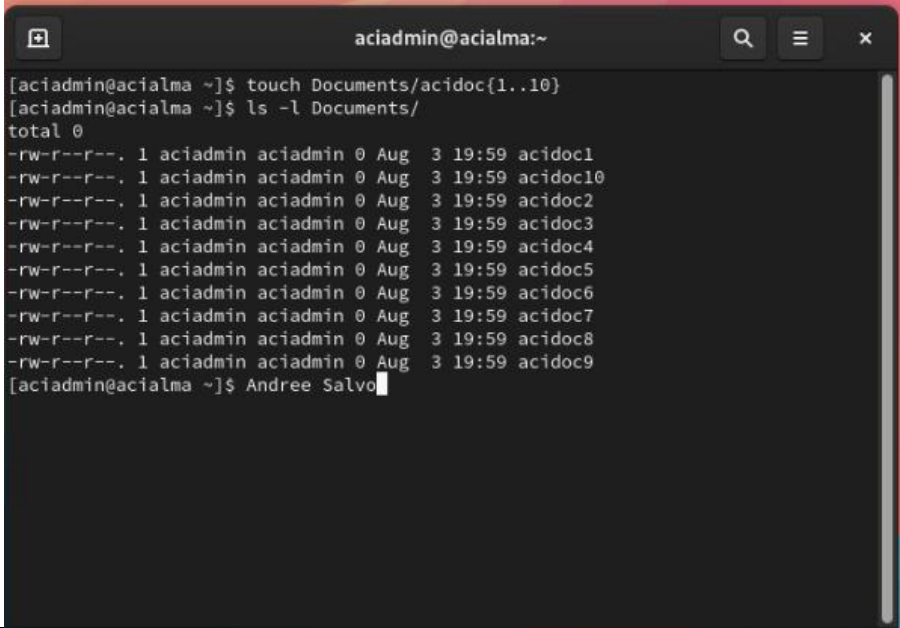
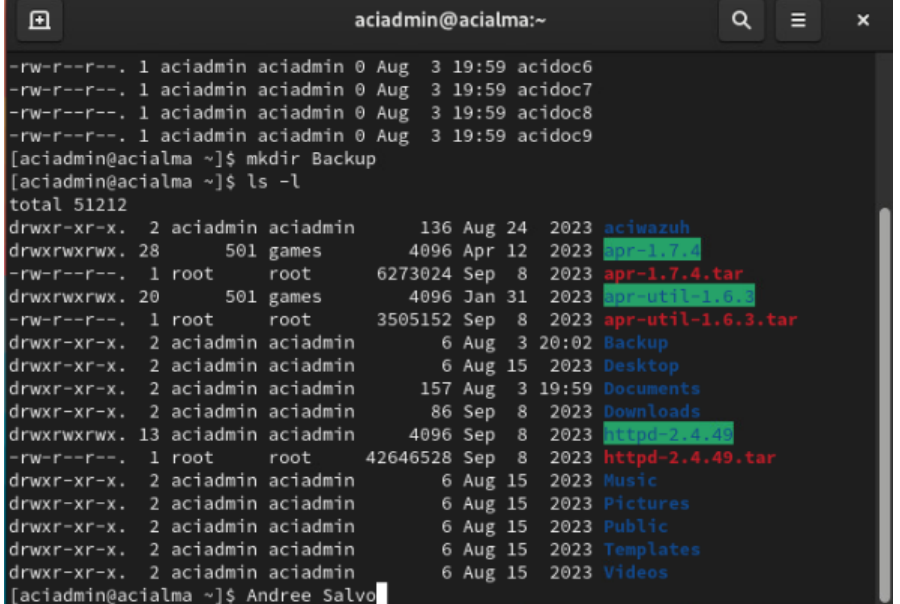
**Southern New Hampshire University**

**CYB 300-14668**

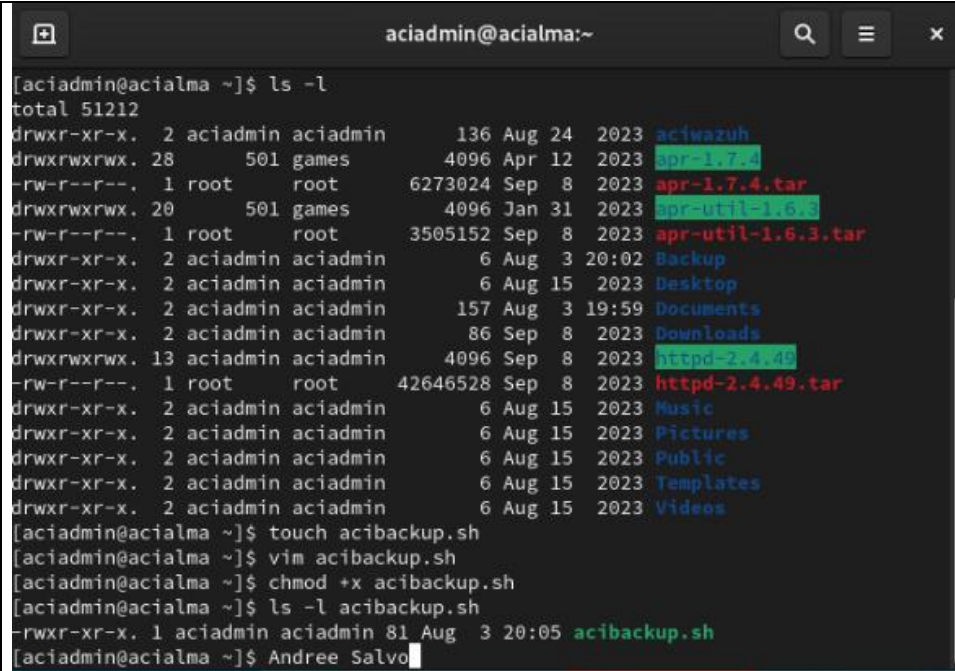
**6-2 Lab Worksheet**

**Instructor: Jason Keltner**

**Lab: Implementation of Automation and Orchestration for Security Operations**  
**Exercise 1: Creating Automation Scripts**

| Prompt   | Response   |
|--|--|
| <p>Task 1: Create a Linux Automation Script: Provide a screenshot of <b>Step 3</b> showing the creation of 10 text files in the Documents folder. Add your name in the command line.</p>       |  <pre> aciadmin@acialma:~ [aciadmin@acialma ~]\$ touch Documents/acidoc{1..10} [aciadmin@acialma ~]\$ ls -l Documents/ total 0 -rw-r--r--. 1 aciadmin aciadmin 0 Aug  3 19:59 acidoc1 -rw-r--r--. 1 aciadmin aciadmin 0 Aug  3 19:59 acidoc10 -rw-r--r--. 1 aciadmin aciadmin 0 Aug  3 19:59 acidoc2 -rw-r--r--. 1 aciadmin aciadmin 0 Aug  3 19:59 acidoc3 -rw-r--r--. 1 aciadmin aciadmin 0 Aug  3 19:59 acidoc4 -rw-r--r--. 1 aciadmin aciadmin 0 Aug  3 19:59 acidoc5 -rw-r--r--. 1 aciadmin aciadmin 0 Aug  3 19:59 acidoc6 -rw-r--r--. 1 aciadmin aciadmin 0 Aug  3 19:59 acidoc7 -rw-r--r--. 1 aciadmin aciadmin 0 Aug  3 19:59 acidoc8 -rw-r--r--. 1 aciadmin aciadmin 0 Aug  3 19:59 acidoc9 [aciadmin@acialma ~]\$ Andree Salvo </pre>   |
| <p>Task 1: Create a Linux Automation Script: Provide a screenshot of <b>Step 5</b> showing the required command to list the user's home folder content. Add your name in the command line.</p> |  <pre> aciadmin@acialma:~ -rw-r--r--. 1 aciadmin aciadmin 0 Aug  3 19:59 acidoc6 -rw-r--r--. 1 aciadmin aciadmin 0 Aug  3 19:59 acidoc7 -rw-r--r--. 1 aciadmin aciadmin 0 Aug  3 19:59 acidoc8 -rw-r--r--. 1 aciadmin aciadmin 0 Aug  3 19:59 acidoc9 [aciadmin@acialma ~]\$ mkdir Backup [aciadmin@acialma ~]\$ ls -l total 51212 drwxr-xr-x. 2 aciadmin aciadmin   136 Aug 24 2023 aciwarzuh drwxrwxrwx. 28      501 games      4096 Apr 12 2023 apr-1.7.4 -rw-r--r--. 1 root   root        6273024 Sep  8 2023 apr-1.7.4.tar drwxrwxrwx. 20      501 games      4096 Jan 31 2023 apr-util-1.6.3 -rw-r--r--. 1 root   root       3505152 Sep  8 2023 apr-util-1.6.3.tar drwxr-xr-x. 2 aciadmin aciadmin    6 Aug  3 20:02 Backup drwxr-xr-x. 2 aciadmin aciadmin    6 Aug 15 2023 Desktop drwxr-xr-x. 2 aciadmin aciadmin   157 Aug  3 19:59 Documents drwxr-xr-x. 2 aciadmin aciadmin    86 Sep  8 2023 Downloads drwxrwxrwx. 13 aciadmin aciadmin   4096 Sep  8 2023 httpd-2.4.48 -rw-r--r--. 1 root   root      42646528 Sep  8 2023 httpd-2.4.49.tar drwxr-xr-x. 2 aciadmin aciadmin    6 Aug 15 2023 Music drwxr-xr-x. 2 aciadmin aciadmin    6 Aug 15 2023 Pictures drwxr-xr-x. 2 aciadmin aciadmin    6 Aug 15 2023 Public drwxr-xr-x. 2 aciadmin aciadmin    6 Aug 15 2023 Templates drwxr-xr-x. 2 aciadmin aciadmin    6 Aug 15 2023 Videos [aciadmin@acialma ~]\$ Andree Salvo </pre> |

Task 1: Create a Linux Automation Script: Provide a screenshot of **Step 13** showing the command displays the properties of the created script file. Add your name in the command line.



```
aciadmin@acialma:~  
[aciadmin@acialma ~]$ ls -l  
total 51212  
drwxr-xr-x. 2 aciadmin aciadmin 136 Aug 24 2023 aciwarzuh  
drwxrwxrwx. 28 501 games 4096 Apr 12 2023 apr-1.7.4  
-rw-r--r--. 1 root root 6273024 Sep 8 2023 apr-1.7.4.tar  
drwxrwxrwx. 20 501 games 4096 Jan 31 2023 apr-util-1.6.3  
-rw-r--r--. 1 root root 3505152 Sep 8 2023 apr-util-1.6.3.tar  
drwxr-xr-x. 2 aciadmin aciadmin 6 Aug 3 20:02 Backup  
drwxr-xr-x. 2 aciadmin aciadmin 6 Aug 15 2023 Desktop  
drwxr-xr-x. 2 aciadmin aciadmin 157 Aug 3 19:59 Documents  
drwxr-xr-x. 2 aciadmin aciadmin 86 Sep 8 2023 Downloads  
drwxrwxrwx. 13 aciadmin aciadmin 4096 Sep 8 2023 httpd-2.4.49  
-rw-r--r--. 1 root root 42646528 Sep 8 2023 httpd-2.4.49.tar  
drwxr-xr-x. 2 aciadmin aciadmin 6 Aug 15 2023 Music  
drwxr-xr-x. 2 aciadmin aciadmin 6 Aug 15 2023 Pictures  
drwxr-xr-x. 2 aciadmin aciadmin 6 Aug 15 2023 Public  
drwxr-xr-x. 2 aciadmin aciadmin 6 Aug 15 2023 Templates  
drwxr-xr-x. 2 aciadmin aciadmin 6 Aug 15 2023 Videos  
[aciadmin@acialma ~]$ touch acibackup.sh  
[aciadmin@acialma ~]$ vim acibackup.sh  
[aciadmin@acialma ~]$ chmod +x acibackup.sh  
[aciadmin@acialma ~]$ ls -l acibackup.sh  
-rwxr-xr-x. 1 aciadmin aciadmin 81 Aug 3 20:05 acibackup.sh  
[aciadmin@acialma ~]$ Andree Salvo
```

Task 3:  
Creating Users  
Using a Script:  
Provide a  
screenshot of  
**Step 11** the  
user "Subi"  
being  
successfully  
created using  
the  
PowerShell  
script in the  
Active  
Directory  
Users and  
Computers.  
Bring the  
Administrator:  
Windows  
PowerShell  
window in  
front of the  
Active  
Directory  
Users and  
Computers  
and add your  
name in the  
command  
line.

