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| Name | Laura Adam |

CTS-120-841-Lab Module 6

* In this lab you will enter different Linux commands and answer questions about the results.
* Include a screen print of **just the area of the screen with the desired result** (not the whole screen) in the table cell below the question, unless otherwise instructed.
  + *Reminder: Use the* ***Shift-Ctrl-Prtscr shortcut*** *& select just the area that you want.*
* The lab is worth a total of 10 points – some questions have multiple sections

**Preparation:**

Before you begin the lab, we will need to set up a few groups and accounts.

1. Create the following groups on your system: **Orioles**, **Nationals** and **Redskins.**
2. Once you are complete, verify you have added these accounts successfully by viewing the **/etc/group** file.
3. Create the following users on the system:

Be sure to **include their full name as a comment** in their user account.

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| Username | Name |
| ajones | Adam Jones |
| cdavis | Chris Davis |
| pstroop | Pedro Stroop |
| nmcclouth | Nate McClouth |
| bharper | Bryce Harper |
| sstrasburg | Stephen Strasburg |
| ggonzalez | Gio Gonzalez |
| jjohnson | Jim Johnson |

Once you are complete, verify you have added these accounts successfully by viewing the **/etc/passwd** file.

1. Assign the following passwords for the user account.

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| Username | Password |
| ajones | baseball |
| cdavis | newdad! |
| pstroop | mound |
| nmcclouth | coolguy |
| bharper | clown |
| sstrasburg | #1pitcher |
| ggonzalez | hardball |
| jjohnson | pitcher |

1. Add each user to their appropriate group

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| Name | Group |
| Adam Jones | Orioles |
| Chris Davis | Orioles |
| Pedro Stroop | Orioles |
| Nate McClouth | Orioles |
| Bryce Harper | Nationals |
| Stephen Strasburg | Nationals |
| Gio Gonzalez | Nationals |
| Jim Johnson | Orioles |

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| 1. Place a screen shot of the /etc/group file. Just show me the new groups; they should be at the bottom of the file. | | 1 Pt |
| **Command:** | [student@localhost /]$ tail /etc/group | |
| **Screenprint**: | Orioles:x:1002:  Nationals:x:1003:  Redskins:x:1004:  [student@localhost /]$ | |

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| 1. Place a screen shot of the /etc/passwd file. Just show me the new users; they should be at the bottom of the file. | | 1 Pt |
| **Command:** | [student@localhost /]$ tail /etc/passwd | |
| **Screenprint**: | ajones:x:1002:1005:Adam Jones:/home/ajones:/bin/bash  cdavis:x:1003:1006:Chris Davis:/home/cdavis:/bin/bash  pstroop:x:1004:1007:Pedro Stroop:/home/pstroop:/bin/bash  nmcclouth:x:1005:1008:Nate McClouth:/home/nmcclouth:/bin/bash  bharper:x:1006:1009:Bryce Harper:/home/bharper:/bin/bash  sstrasburg:x:1007:1010:Stephen Strasburg:/home/sstrasburg:/bin/bash  ggonzalez:x:1008:1011:Gio Gonzalez:/home/ggonzalez:/bin/bash  jjohnson:x:1009:1012:Jim Johnson:/home/jjohnson:/bin/bash  [student@localhost /]$ | |

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| What are the Group Numbers of:  (no points just to make it easier to keep track ) | |
| Orioles |  |
| Nationals |  |
| Redskins |  |

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| You were just informed that Nate McClouth has been traded to the Nationals.  Move his user account from the Orioles group to the Nationals group.   1. Show the command you used, & the **etc/passwd** and **etc/group** files to verify that your change was successful. | | 1 Pt |
| **Command:** | Click here to enter the answer to the question . | |
| **Screenprint**: | Click here to paste Screen print | |

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| Oh no, you have just been informed that Chris Davis’s account needs to be deactivated until further notice.  Lock (or disable) Chris Davis’s account on the system.   1. Show the command you used, & the **etc/shadow** file to verify that your change was successful. | | 1 Pt |
| **Command:** | Click here to enter the answer to the question . | |
| **Screenprint**: | Click here to paste Screen print | |

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| You just realize that there is a group named **Redskins** on the system that is not necessary. Delete this extra group.   1. Show the command you used, & the **etc/group** file to verify that your change was successful. | | 1 Pt |
| **Command:** | Click here to enter the answer to the question . | |
| **Screenprint**: | Click here to paste Screen print | |

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| You have just been informed that Pedro Stroop no longer plays for the Orioles or Nationals. Since his account is no longer needed, remove it from your system  (Be sure to remove his home directory as well).   1. Show the command you used, & the **etc/passwd** and a list of the files in the home directory to verify that your change was successful. | | 1 Pt |
| **Command:** | Click here to enter the answer to the question . | |
| **Screenprint**: | Click here to paste Screen print | |

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| Your manager has informed you that Chris Davis is back and his account can be reinstated. Unlock Chris Davis’s account so that he is able to log into the system.  Attempt to log into Chris Davis’s account. Verify that you have successful unlocked it.   1. Show the command you used, & the **etc/shadow** fileverify that your change was successful. | | 1 Pt |
| **Command:** | Click here to enter the answer to the question . | |
| **Screenprint**: | Click here to paste Screen print | |

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| Human Resources have informed you that Bryce Harper has officially changed his name to Bryce Clown.  Perform the following tasks to his account:   1. Rename his user account to bclown 2. Change his name in the comment field to be Bryce Clown 3. Change his home directory to /home/bclown (be sure that the contents of his old home directory move to this new location) 4. Show the following to verify that your change was successful.  * The command(s) you used * The etc/passwd file * A list of the files in the home directory * Use the ID command to show the groups that the new user is a part of * Note be sure that you are in the /home directory when you run the command * Refer to the slides from class | | 1 Pt |
| **Command:** | Click here to enter the answer to the question . | |
| **Screenprints**: | Click here to paste Screen print | |

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| Gio Gonzalez just called you. He has forgotten his password. Reset his password to **p@ssword**  If you want more of a challenge, require that he reset his password the next time he logs in as well. Then try to log into this account and see if you were successful   1. Just show the command you used | | 1 Pt |
| **Command:** | Click here to enter the answer to the question . | |

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| The manager informed you that Jim Johnson was released from the Orioles but might re-hire him.  You do not want him to have access to the Orioles resources during this time of transition.  Remove him from the Orioles group, and lock his account   1. Show the command(s) you used, & the **etc/passwd, the /etc/group file, and /etc/shadow** file to verify that your change was successful. | | 1 Pt |
| **Command:** | Click here to enter the answer to the question . | |
| **Screenprint**: | Click here to paste Screen print | |