

Handout Review Creating Users_Group and Setting Ownership and Permissions

1. Add a new user using the Shell
 - i. Enter **sudo useradd -m newstudent**
 - ii. Enter **password** for the password
 - iii. Type **cat /etc/passwd** to verify that newstudent user account was added to the system
 - iv. Can also type **grep newstudent /etc/passwd** to verify user account
 - v. Note the UID and GID numbers
 - vi. Change the password from password to newstudent using the following command
 - vii. Enter **sudo passwd newstudent**
 - viii. Enter **newstudent** twice to confirm password update
 - ix. Should receive response indicating that the password has updated successfully
2. Create a new group
 - i. Add group 1500 to the system and assign GID linuxstudents
 - ii. **sudo groupadd -g 1500 linuxstudents**
 - iii. Enter **cat /etc/group** to verify
 - iv. Enter **id newstudent** to view current list of groups for newstudent
3. Change ownership
 - i. Create a file called testfile
 - ii. Enter **touch testfile**
 - iii. Enter **ls -l**
 - iv. Current owner is YOU, change owner to newstudent
 - v. **sudo chown newstudent testfile**
 - vi. **ls -l** to verify new file owner
 - vii. Use previous command in step v to change back to YOUR user account
4. Permissions
 - i. Enter **ls -l**
 - ii. Default permissions for testfile is shown as -rw-rw-r—
 - iii. Or the octal translation is 664
 - iv. Change permissions to 755 on testfile
 - v. Enter **sudo chmod 755**
 - vi. Enter **ls -l**
 - vii. Permissions should no reflect the following code symbolically -rwxr-xr-x