

## Using the College NetAPP (Network Disk) on ISS

The College of Engineering has a large network disk (the NetAPP). The device using MS Windows file systems with Windows group/permission control (access control lists or "acls"), which is different from UNIX.

From Jim Bardin:

The netapp is using active directory security groups for its acls. There will be two groups to start:

- ECE-ISS-Administrators
- ECE-ISS-Users

The administrators group has wckarl and jkonrad, but you are free to add users at your discretion. This group will have full control over the research folder.

The users group has everyone with an account on iss1. They will have readonly by default for everything, but we can make directories with read/write access for this group too (users in ece-iss-administrators can do this too)

You can also specify individual users permissions. Security groups work much better for large directories though, so let us know and we can create addition groups if you need.

The research share can be accessed at /ad/eng/research/eng\_research\_iss/ on iss18-iss22 right now. I'll add the others as I have time. If you have been logged in for more than 10 hours, you may get "permission denied". To regain access, run the command `kinit` to refresh your credentials.

Files and directories created in this share will inherit the parent's permission (readonly for users, full control for administrtors right now). The full permissions can only be viewed from windows. Doing a `chmod 700 filename` in linux will act as expected, but you will have to go back to windows to reset any group permissions. We can go over planning, so that you should be able to work smoothly from both windows and linux.