Beginning System Administration DeCal

Week 5

October 13, 2008

*NIX User Accounts

- Users, User Groups
- Super-Users
    - root,wheel
- Local Users
    - system accounts
- /etc/passwd, /etc/groups
- /etc/shadow

*NIX Filesystem Structure

/ Root directory

/bin Binaries

/sbin System binaries

/home Home directories

/usr User Shareable

/dev Devices

/var Variable data

/tmp Temporary files

/boot Boot files

/proc System hardware and processes

/etc System configuration

Server Daemons

- Programs that provide services
- 'Listen' for requests
- Application Level
    - Protocols - HTTP, FTP, DHCP, DNS
    - Ports - 1-65535
- Examples
    - Web Server, SSH Server, FTP Server
- Distributution by Source

Package Installation - From source to application

- Read README, INSTALL files first

./configure	Configuration Options
make	Compile the software
make install	Install the software

- Additional configuration with .confs