

CST8177 – Linux II

service examples: ssh, httpd

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Today's Topics

- ▶ assignment09 questions
- ▶ assignment10 questions
- ▶ services and logging overview
- ▶ sshd
- ▶ httpd

Services / Logging overview

- ▶ Services are provided by programs running in the background, with no terminal
- ▶ No terminal means these programs are
 - not designed to be controlled by a keyboard
 - not designed to display output to a screen
- ▶ They are started/stopped/restarted by their init script in `/etc/init.d/`
 - at bootup or change-of-runlevel automatically, or
 - manually with service command
- ▶ They send their "output" messages to the syslog service

Services / Logging overview

- ▶ Their behavior is controlled by a config file, where the admin specifies settings
- ▶ They often provide the "server side" for a client:
 - ftp client program running on a local computer connects to an ftp server program running on a remote computer
 - ssh client program running on a local computer connects to an ssh server program running on a remote computer
 - a web browser running on a local computer connects to a web server running on a remote computer

Examples

▶ SSH

- configure port
- configure logging

▶ HTTP

- install it
- chkconfig it
- start it
- firewalling
- play with default document
- configuration file to change its behaviors