RHCE
BOOT CAMP

Network Services

OPENSSH

- OpenSSH is the open source version of SSH, and is used by most UNIX variants for secure remote administration.

- This service is configured in `/etc/ssh/sshd_config`.

OPENSSH CONFIGURATION

- OpenSSH Configuration Parameters of interest:
  - `Port`
  - `ListenAddress`
  - `PermitRootLogin`
  - `PubkeyAuthentication`
  - `Subsystem sftp`

XINETD

- `xinetd` is the extended internet services SUPER daemon. :)
- This service acts as a super daemon by listening on key ports for certain types of requests.
- When a request is received, `xinetd` starts the appropriate service and then hands of the request so that it can be handled correctly.
- `xinetd` is configured in `/etc/xinetd.conf`, the services that it controls are configured in `/etc/xinetd.d/`

LAB

1. Configure your box to allow both the '`root`' and '`student`' users to login locally, but not over ssh.

2. Configure an anonymous rsync service to share the contents of your `/srv` directory. See the man page for `rsyncd.conf`.

NTP

- The Network Time Protocol is a very useful and accurate method to keep your system clock synchronized with time servers around the world. This is important because:
  - Timestamps in log files across machine will line up, allowing for proper analysis and comparison
  - Cron jobs run at the right time
  - Knowing the correct time just makes for a happy server

LAB

1. Enable NTP on your machine, and use `0.pool.ntp.org` and `1.pool.ntp.org`.

2. Use the `ntpq` command to figure out how far off your machine's clock is from true time.

```
slideshow.end();
```