

RHCE BOOT CAMP

Network Services



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CERTIFIED
E N G I N E E R

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 off 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();
```