Red Hat Week

- **Introduction to Red Hat Enterprise Linux**
  - Monday, Sept. 20, 12:00pm, 144 Durham

- **Introduction to the Red Hat Network**
  - Wednesday, Sept. 22, 12:00pm, 144 Durham

- **Red Hat Enterprise Linux Installation Workshops**
  - Thursday, Sept. 23, 1:00pm, 89 Durham
  - Thursday, Sept. 23, 3:00pm, 89 Durham
Introduction to the Red Hat Network (RHN)

- RHN Overview
- Getting your RHN Account
- Local RHN Proxy Server
- Installation and Registration Issues
RHN Overview

• What is it anyway?
  – A systems management platform

• Why do we need that?
  – Increased productivity
  – Reduced costs
  – Enhanced security

• Where is it?
  – https://rhn.redhat.com/
Getting Your RHN Account

- Visit the ASW RHN Account Request Page
  
  https://asw.iastate.edu/cgi-bin/acropolis/request/rhn/rhnregister

- Carefully read mail returned from ASW

- When account details arrive from Red Hat go change your password on RHN

- When you receive your group and activation key you are ready to install your system
Local RHN Proxy Server

- Red Hat Network Architectures
  - RHN Hosted
    • Connect to RHN directly
  - RHN Proxy Server
    • User connects to RHN website at Red Hat
    • Systems connect to locally hosted proxy server
    • Supports custom local channels
  - RHN Satellite Server
    • All RHN functionality is on site
Installation Issues

- **Which Distribution Should I Choose?**
  - Desktop
  - Workstation
  - Advanced Server

- **Where Do I Get the Software?**
  - Easy ISOs available at RHN and on the proxy server
    - [http://cyclops.iastate.edu/easyiso/](http://cyclops.iastate.edu/easyiso/)
  - Network installation ... coming soon
Registration Issues

- Install the system but do **not** register it with RHN during the installation!

- After the installation is complete log in as root and perform the following actions:
  
  ```
  # wget http://cyclops.iastate.edu/pub/bootstrap.sh
  # sh bootstrap.sh --register XXXXXXXX
  where XXXXXXXX is your activation key
  ```

- Update your system using up2date or the RHN
Important URLs

- Red Hat Network
  https://rhn.redhat.com/
- ISU RHEL Support
  http://linux.iastate.edu/rhel/
- Local EasyISO Repository
  http://cyclops.iastate.edu/easyiso/
- New RHN Account Requests
  https://asw.iastate.edu/cgi-bin/acropolis/request/rhn/rhnregister
- RHN Special Requests
  https://asw.iastate.edu/cgi-bin/acropolis/request/rhn/rhnmodify