Installation of new software using RPMS

RPMs Make RedHat

- RPM: RedHat Package Manager
- Works like Wininstall (better?)
- Keeps a record of software installed (only via RPM)
- Can find most software available as an RPM shortly after release
  - Rpmfind.net, freshrpms.net
- Let's see if we can find the latest version of Nessus

Rpmfind.net

Note latest version for RedHat

Note latest version of Nessus

Let's Check FreshRPMs
Better, just one point release off

I've Downloaded Server RPM

My First Try at Installing, Note Failed Dependencies

RPM & Dependencies
- Previous slide showed failed dependencies
- Have a decision to make
  - Can do `--nodeps` and ignore dependencies
  - This is usually NOT a good idea
  - Can figure out dependencies

Dependencies Easy in This Case, Note the Common RPM

Let's get it
Installing the nessus-common RPM

And Now the Nessus Server

And Now the Nessus Client, Using the –vv option (very verbose)

More Verbosity

Still More Verbosity

Finally . . .
Okay, Let's Start the Server

And Now the Client

It Worked!!!!

Package Managers Like RPM

- Precompile software (or packaged source code)
- Manage dependencies
- Make software installation and removal easier
  - Removal in RPM done with the –e option
- Allow query of installed software
  - Query done with –q option in RPM
- Allow upgrades of individual packages to be automated
  - Upgrade with –U option in RPM