RPM [REDHAT PACKET MANAGER]

* When you install an application with rpm, it installs only the packages that are present in the system. If the application needed any other dependency packages that are not available in the system, it won’t install them.
* Rpm can’t resolve dependencies.
* With rpm you can install multiple versions simultaneously.
* To install a package, we should know the exact location of the .rpm package. You can’t install from different location.
* To check the package consistent (or) not **= rpm -ivh --test package**.
* To install pkg using rpm = **rpm -ivh package.**
* To remove pkg using rpm **= rpm -e package**.
* To see all installed pkgs = **rpm –qa**.
* To see whether a pkg is installed (or) not = **rpm –qa package** (or) **rpm –q | grep pkg**.
* To see all files of a pkg = **rpm –ql package**.
* To see pkg configuration files = **rpm –qc package**.
* To see pkg documentation files = **rpm –qd package.**
* To see info about installed package = **rpm -qi package**.
* To see package info before installation = **rpm –qip package**.
* To install a pkg without dependencies using rpm = **rpm -ivh package --nodeps**.
* To update the pkg using rpm = **rpm -Uvh package**.

YUM [YELLOWDOG UPDATE MODIFIER]

* When you install an application with yum, it wil install along with its dependencies that are needed for the application by downloading them from online repos.
* With yum you can’t install multiple versions.
* You can install packages from anywhere in the system with yum.
* Yum config file = **/etc/yum.conf**.
* **/etc/yum.repos.d** = Yum repository dir.
* After creating new repo file. To check whether new repo file is correct (or) not, type **yum list**. If it shows output, that means you have created yum repo file correctly.
* **Yum list (or) yum list all (or) yum list |more** = to list all pkgs in repository.
* **Yum list installed** = to list all installed pkgs.
* **Yum list updates =** To see if any installed packages got updates oin yum repo.
* To install pkg from local-folder or pen drive. Go to that folder = **yum localinstall package.**
* To see pkg info using yum = **yum info package.**
* To list a group of pkgs = **yum grouplist**.
* To install a pkg from a group = **yum groupinstall group**.
* To remove a group = **yum groupremove package**.
* To downgrade a package = **yum history undo history-id**.
* With the help of **yum history** cmd, you can downgrade a package. For every action, yum will save in history with an ID. With the help of this ID, you can downgrade a package.