**YUM**

* YUM (Yellowdog updater modified) is a software package manager used for RPM management. YUM make it easier to install, update and remove RPM.
* **YUM** uses numerous third party repositories to install packages automatically by resolving their dependencies issues.
* YUM automatically resolve software dependencies
* YUM can automatically search for appropriate version of RPM
* A **repository** is a collection of software for a **linux** distribution on a server
* Configuration File :

**/etc/yum.conf**

**/etc/yum/pluginconf.d**

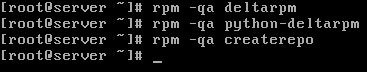
**Configuration :**

1. install RPM Package yum-2.4.2-0.4.el4.rf.noarch.rpm using rpm –ivh command
2. Create Folder with any name in anywere (like - rhel6,repodata)
3. Copy all RPM from RHEL 6 DVD located in Packages folder to your created folder :

cp –vr /media/RHEL\_6.4\i386\Disc\1/\* /root/(your Folder(like - rhel6,repodata)path)

1. Three RPM are required for YUM Server.

* deltarpm
* python-deltarpm
* createrepo



1. Instal above three Package and Verify that rpm packagege proparly install are not using following Command

# rpm –qa <Package Name>

1. Create repositary for yum server .

# createrepo --database /root/(like - rhel6 , repodata)/Package/

1. edit /etc/yum.conf or if you want to create seprate file then go to /etc/yum.repo.d and create under <AnyFileName>.repo

# Vi AnyFileName.repo

[rhel]

name=rhel6(anyname)

baseurl=file:///(your folder path that you created (like -rhel6,repodata))

gpgcheck=0

:wq!

1. check yum server Working or Not

# yum repolist

**Yum Command :-**

**1. Install a Package with YUM**

# yum install firefox

Same way the above command will ask confirmation before removing a package. To disable confirmation prompt just add option -y as shown in below.

**# yum -y install firefox**

**2. Removing a Package with YUM**

# yum remove firefox

**3. Updating a Package using YUM**

**# yum update mysql**

**4. List a Package using YUM**

**# yum list openssh**

**5. Search for a Package using YUM**

**# yum search vsftpd**

**6. Get Information of a Package using YUM**

**# yum info firefox**

**7. List all Available Packages using YUM**

**# yum list | less**

**8. List all Installed Packages using YUM**

**# yum list installed | less**

**9. Yum Provides Function**

**# yum provides /etc/httpd/conf/httpd.conf**

**10. Check for Available Updates using Yum**

**# yum check-update**

**11. Update System using Yum**

**# yum update**

**12. List all available Group Packages**

**# yum grouplist**

**13. Install a Group Packages**

**# yum groupinstall 'MySQL Database'**

**14. Update a Group Packages**

**# yum groupupdate 'DNS Name Server'**

**15. Remove a Group Packages**

**# yum groupremove 'DNS Name Server'**

**16. List Enabled Yum Repositories**

**# yum repolist**

**17. List all Enabled and Disabled Yum Repositories**

**# yum repolist all**

**18. Install a Package from Specific Repository**

**# yum --enablerepo=epel install phpmyadmin**

**19. Interactive Yum Shell**

**# yum shell**

**20. Clean Yum Cache**

**# yum clean all**

**21. View History of Yum**

**# yum history**