**Create yum server**

1. Mount dvd into media and then copy content of media into /var/ftp/pub

Vsftpd->very secured file transfer protocol daemonds

1. [service vsftpd start]
2. To make the settings permanent [chkconfig vsftpd on]
3. Yum can only be implemented if a single package is installed in the new repository made

Yum command can only run inside the path [ /var/ftp/pub/Packages/ ]

1. [ rpm -ivh createreapo+tab key(for auto complete) ]
2. [ rpm -ivh python-deltarpm+tab key ]
3. [ goto /var/ftp/pub/repodata ] and copy the respective xml file from the current path to ./pub directory
4. [ createrepo -g <file.xml> . ] where -g stands for group
5. Go to /etc/yum.conf and edit it

[yum]

name= ceact yum server

baseurl= <ftp://172.24.0.10/pub>

enabled=1

gpgcheck=0

Note- gpgcheck is used only when using licensed redhat enterprise linux edition since it provides additional security to our ftp

To install some package whose name is not fully known

[ yum install gcc\* ]

To delete any present repository for example that of ‘centos’

Directory in which all repository are stored /etc/yum.repos.d/

INclient side to use the server yum server create the same entry in /etc/yum.conf file

**Web server**

* **Apache (open source) 65%**
* **IIS (Internet Information Server- owned by Microsoft Corporation) 5%**
* **Nginx (open source) 25%**

|  |  |  |  |
| --- | --- | --- | --- |
| **website** | | | |
| Static | | Dynamic( with backend language) | |
| Apache | IIS | Apache | IIS |
| Index.html | Default.html | Index.php | Default.asp |

**Default directory of web server for apache -> /var/www/html/**

**Default directory for IIS server-> c:/inetpub/wwwroot/**

**Package name of apache webserver- httpd (daemon)**

**[ rpm -q <package name> ] is used for query for package installation check**

**Configuration file of web server :**

**/etc/httpd/conf/httpd.conf**

**Vi editor:**

**In browsing mode to search anything /<keyword>**

**In command mode type [: set nu ] it displays the number of line in vi editor**

**To search some important settings in htmld.conf file, type the following in the browsing mode…**

* **/Listen - to change the default port address**
* **/DirectoryIndex - to change the default file name (first file name)**
* **/DocumentRoot - to find the name of the default directory**
* **Type ServerName=<server IP>**

**To go to temporary GUI mode type [ startx ]**

**Fixed port number are fixed for the server/system ie 1-1023**

**Client port numbers are random therefore 1024-65535**

**Fully qualified dns ->** [**https://www.google.com.:80**](https://www.google.com.:80)

**<protocol>://<domain name>.:<port address>**