Ex. 14   Web Server Configuration – Apache Web Server

Aim

To install and configure Apache webserver in linux.

Procedure

1. Download Apache web server software for Linux (any version).
2. Select http://www.apache.org/disk/httpd/httpd 2.2.14 tar.gz
3. Select the direct download option and version 2.2.14 is downloaded
4. The downloaded file is saved as httpd_2.2.14
5. Extract the archive file httpd_2.2.14
6. The installation is done by the following steps.
7. Change the directory to httpd_2.2.14 using the commands

   #cd httpd_2.2.14

8. Configure the file using the command

   #./configure --prefix=/usr/local/apache2

   /usr/local/apache2 is the path where apache is installed

9. The compilation of files is done using the command

   # make

10.   Then installation of related files is done by using the command

   # make install

11.   Finally run the installed apache web server by using the command

   #/usr/local/apache2/bin/apachectl start

12. To check the version and built of the installed apache web server, the following commands are used.

    a. #chkconfig==level 35 httpd on

    b. #/usr/local/apache2/bin/httpd -v

13. The following command can used to stop the running of apache server application

#/usr/local/apache2/bin/apachectl stop