ASSIGNMENT-7

AIM : INTRODUCTION TO SERVER ADMINISTRATION

PROBLEM STATEMENT : STUDY FTP, WEB SERVER, SHIP,
TELNET, MAZI, ONS.

THEORY:

TELNET!

Yelnet is a network protocol used on internet or LANG to provide a bidirectional interactive test-orientated communication facility using a virtual terminal connection.

Weer data is interpreted interspersed in-band with Telnet control information in an 8-bit lyte oriented data connection over TCP.

Telnet commands allow you to communicate with a runste computer that is veing Telnet protocol

You can run telnet without parameters in order to enter the telnet context, indicated by the Jelnet parameter on the tree the required commands to manage a Jelnet client.

FTP SERVER:

File Transfer Brotocol (FTP) is need as one of the most common means of copying the file between servers over the internet

Types of 7 TP:

segnence of events in active FTP: your client connects to the FTP server by establishing an FTP control connection to post 21 of the server. commands such as 'Is' & get' are sent over this connection

Whenever client regreste data over the control connection, server initiates data transfer emmetione back to the client. Source port of these data transfer connections is always port 20 of the server, & the destination port is a light greater than 1024) on the client

Thus, the Is listing that you asked for comes bearer the port 20 to high port connection, not port 21 control connections!

sotive FTP may fail in cases where the client & wary servers behind it should recieve the return

2. PASSIVE FTP:

Passive poolse on:

your client connects to the establishing an 7TP control connection to port

CIASSMATE

whenever the client requests data over the control connection, the client initiates the data transfer connections to the server. Source port of these data transfer connections is always a light port on the client with a destination part of a light port on the server.

3 REGULAR FTP:

By default, VS FTPD package allows regular finns here to copy files to & from their home directories with an FTP client veing their Linns usenames & passwords are login credentials.

ve 7780 also has option of allowing this type of acress to only a group of Linux users, enabling you to restrict addition of new files to your eystem to authorised personnel

It isn't suitable for general donenland distribution of software as everyone either has to get a unique week account or has to use a shared weekname & password.

Inongenous FTP allows you to avoid this difficult

- It is the choice of wellesites that used to exchange files with unwerous unknown remote

Classmate Date:

unlike regular ITP, where you login with a preconfigured dinne username & password, anonymous ITP requires only neuronnes of the manymous & your smail of for the password.

duce logged into a VS JTPD server, you automatically have access to only the default anonymous JTP directory (/var/ftp/ in case of VSFTPD) & all its sule-directories.

· SHCP SERVER:

Dynamic Host Configuration Protocol (DHCP) is a standardised networking protocol used on IP networks for dynamically distributing H/w configuration parameters, such as IP addresses for interfaces & services.

With DMCP, computers request parameters such as IP addresses & N/w parameters automatically from DMCP server, reducing the need for a him administrator or a user to configure these settings manually.

3 methods of allocating IP: Dynamic Allocation: Automatic Allocation.

ii. Static Alexation.

OMCHUSION: CONCLUSION: Thus we studied about FTP, web server & DHCP server.