

Assignment No. 6 what is server? How we use this server and its benefits? Que-1 and its benefits? Aus -DHCP Server: (Dynamic Host Configuration Protocol) provides and assigns IP addresses default
geteways and other network parameters to client devices. It relies on the Standard Protocol known as DHCP to respond to broadcast quesies by clients. How to use a Router/Switch as DHCP server -Drich has a key role in communication between palvate LAN to Public LAN. any system we in WAN, it's sequest will be routed through DHCP server. It is very easy to configure system manual if LAN is small also DHCP is Benefits -· Reliable If address configuration.
· Reduced Network administration

Define;

a) PING

b) JPCONFIG

## c) NETSTAT

## d) TRACEROUTE

Any -

A) PING - Most commonly used tool, this tool
is used to test connectivity between
sequesting host and destination host.

e.g.: Ping 192,168,1,38, if it messages 
1. Reply from 192,168,1,38 byte - 32 time - 7ms

17 = 255 then it means connection is proper.

2. If message shown is "Request time out";

then it means there is some break fissue

in cable.

b) If CONFIG-

This is used to config determine

If CONFIG of thest. It gives TCP/ DP configuration

details like. IP address, subnet masks and

default gateway of the computer.

If CONFIG command is used for windows. If CONFIG command is used in Linex.

eg: IPCINFIG: Detail.

C) NETSTAT -

This used to deternine current state
of active notwork connections on a host.

When vehicing the status of a listening part and get host or to check and see what remote hosts are connected to a lovel

DATE: //local host on a specific port. eg: Netstat ; 1) Trace soute -It can be used to determine more specific Information about the party to the packet takes and the response time of the luter mediate hosts. It is useful for trouble-shooting large networks. eg: tracent www. google, com & 4ms 12ms 5ms 10.131.81.1 2. \* 120 ms 194 ms 192.24.164.190 8. - - -Here, traceroute command is used in LINUX.

GOOD WRITE