Assignment No: 12

31147

Ith: UDP sockets

Problem Statement:

Meitea program using TCP/vop sockets for wired network to implement

a) Peer to Peer chat

b) Multiuserchat.

Denonstrate the packets traces using wireshark Packet Analyser Iool.

Objective :

i) Learn packet tracing using wireshark.

should be able to packet trace. Should implement peer to peer & multicoser what.

Notwork Locket is an internal endpoint for sending or seceiving data at a single node is a computer returned.

Concretely it is a representation of this endpoint in networking such as an entry is a table and is a form of system resource

Page No

The term rocket is analogous physical correctors, comminication between two nodes through a channel being visualized as a rable with two cable with two male connectors phyging into sockets at each node. Similarly the term port is used for external endpoints at a node and the term socket is also used for an used for an internal endpoint of local inter-process communication (IPC). However, the analogy is strained as network comminication need not be one to one or have a channel.

Commincation is a near for people to exchange message, It has started since the beginning of human creation Distart communication began as early as 1800 certury with the introduction of television, telegraph and then telephone Interestingly enough, telephone communication stards out as the factest growing technology.

Multi User Chat:

John Multi- User Chat (and group schaf are at xmpp.

the schaf rooms designated, where multiple users can

converse simultaneously.

Similar to the Interest Relay Chat (IRC), a schaf room

can have different statuses. (visible, hidden, passpord

protected etc) and the participant take the role of the

participant, visitor or modernalor.

CIASSMATE V Alireshark is a returned packet analyses A network packet analyses will try to capture network packet and tries to display that packet data as detailed as assistable. You could think of antwork packet analyses as a. measuring device used to enamine what going on inside a network cable just like a nottmenter is used by an electrician what goings on inside an electric cable (but at a higher level, of course); In the past, such tools were either very expensive proprietary or both. However, with the advert of Wireshark, all has charged packet analysers available today. Suplement peer to peer and multiuses chatering UDP socket Page No







