TCPN/SUDP Crash Course

top and UDP are Layer y protocols

Layery is the transport Layer, having ports cuttached was

Layery at a log with mer steel between all may as had

A machine has an ip, but on that machine multiple applications might k running. So the part number is used to distinguish between multiple applications running on that machine.

TCP Acotransmission Control Brotocol

MITP 7 layer 7 protocol Internally uses

dep + (layory) protocd

Databases uses top all the time wall of is vied in some.

& Smont boud Batanoing - (on

· but a cas of cached, is both sequent

Lieux F- 17,09 79 Drugg

oux inparts on decrepted on ! B

คลักสงรองเประ

Prost of TCP County was

each packet, like sequence no etc. to make sue the packet how been received.

communicate with one -another and for their server.

This is required to hold a stateful connection.

* Congestion (ondrol) when the server gets over loaded with packets, the client has the capability to the left of feature. It will fend data only when the network com handle it ressentially on to siller - Server or mittee to old &

ordered Packets > Internet does not gwrantee ordering of princeling of whiteless and orders

Packets, and the server tees the sequence and orders

them: and the welltate at opto att sonic crytimus of a

Maintain a secure connection Henry angone (1800)

- & Langer Packets > Berause Seq /Ack home to be attached.
- * More Bandwidth > more data is need to send longe packets.
- · Slower than udp
- · Stodeful > (Will k explained.)

Consider Delivery of the parties not received before will not tend an ack. Sonen will no traggers Server memory: Since TEP is stateful, hence each of been got round est bono trails MT chand not service a goth, text ref bro pertono- no driver stosinumnos Hence there is a limit on the nordintop connections the server (on home. (Trust is required to hold a stoteful connection.) UDP7 (Usen Data gram to Protocal) est new & bottom mitzeg new x * No Acknowledgement and the trails est derson * Hur Crun anther delivery a rub lost live II. [which got] * No Congestion Control - traffic or no traffic the user day not No ordering of Packets

when some servers and the server see the server on deland servers and make and released to the servers and make and make and make and make the servers and make and make and make the servers are the servers are the servers and the servers are the server & No Security -> Since the algo is stateless it does not maintain a secure connection, Hence anyone canno Cortasta data intentes server sucres & destable bristations * Mara Bondwidth a move data is need to send long probets a Slower than udp

. Stodeful > (Will be explained.)

- & Smaller packets
- Les Bandwidth horry mother in university tours tours
- Faster than topon proved no it invite south at foreell
- * Stateless Discussed in programming Patherns playlist]

The state of the Property of most test regal

Will the server and bring it back again, and fend Message from anyone, and it will rower some the request. No need for establishing see use connection first.

*(No memory required)

TOP is the vonicle that trainsports the though does just sits

Amid selant Large

Both who be margall of

(. down why term