APPLICATION & LAYERED FRCH! a. CONNECTION ORIENTED: IF has 3 steps:-· N/w auch refers to the detay protocols that det how all layers frinch Dirith of sequence, Towo nhol variable, buffer allocato TSO - Inkinat org. for atomdardisat -- Developed OSI. Inform transfer (3) Release mouses following connect tum". (1) 061 - Open dystem Interconnect". b. Connectionless It maybe confirmed as unconfirmed (a) Physical which may be cable, radro, wire.

- concerned with voltage level, signal dwarm funct n D segment of reassembly (3 Mux & Demus

(3 Unblock & Block single Layerwill ser WATE) (4) Split & Recombine we's single (n+1) wer may be served multiple n by a entitles (b) Data Link - deals with mans of frames over link con 2 nodes Inself framing info to depende Hocks. I Truck control of addrings into packet header. Checks bit fer ever detect n & from control TCP ARCHITECTURE Itenades commacross multiple diverse nlw. It has 4 layers. ( Network - reals with from of packet over n/w Application: provides services for app involving comm provides heirardial addr. 4 houting, brotocols develop for file transfer, Email, remote Congesta Control incare of traffic surge. login. Equivalent to top 3 layers of OSI.
Protocols: HTTPS, STUTTP, DNS, RTP -> Internet dublayer hides olift blu n/w. Transport: Uses and to end into transfer, Two protocols (1) Franzoit - dods with end to end informat n transfer. TCP: provides reliable connociented everynee injequence byte itream. Recieus info from aboue Layer y dividy it · Provider flow control into degments to pay to NL. UDP: Best effort connectionless service dendus - It may provide reliable connect roverted end ever tree trouble of intro. - No flow control + while the enal tree transfer of into. Intenet: Provider transfer of packet across multiple n/w Service is best effort in connecenter · It provides alor tecovery, sequencingly, Corresponds to intimet sublayer of osl model. Reciency -> Provides connectated service It arign globally unique addr- to each host intelle No everylow as control. Network woncened with now Heated aspect of comm? (e) Sourion - Control the manner that Info transfer takes place. Manager half duplex comm Interfaces for different nlw her been developed · Concerned with access to immediate now. · Can meet dynch of to mark progres of into navifer . It encapsulates Ip packet to the frame of underlying & · In case of fallowe, recovery shall from sync pt-. This layer is tech- dependent where It is idenpendent Presentation: Deals with transfer y igo from machine : Each IP has 2 field: netid & host id. Each new will have hetid dependent to mathine independent four each host will have hostia within now eathed MAC addr = 1 = u-pt to pt = 2 diff machine stare machine in diff form · Each athernot has been assigned his bit yAC addr-(a) Application: Movider services that will be helpful Hardel contains device by distrip & port number. to app involving comm ed and dive & war estimal) in · Protocols have been deployed for the transfer the spin spiral is there is no more than renote Login, email. or Jan markens, many toward OSI reference model provider unified view of all layers

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east prepared in Antonia, of the State State of

Floring R. and C. S. Stand Marian I

there are morning form directly beautiful

· 3/39 Parasa & President and Donath

PDU - Protocol data wit SOU- Sewice -n -SAP - senice agenport

 $\Lambda(5DU) = (n+1)ppu$ 

n entity comm with each other than PDU

Entity refers to a procen

Requirements occurre all layers such as HUX, ever 6 from unhor