

LAYE	21: PHYSICAL LAYER										
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			,					/			
	Converto digital dota										
	(into electrical, optical ox viodio)										
· KEY FUNCTION: Signeds											
medium specification											
- determine how foot dota is presmitted											
- Convert bit into wignel from											
#		Moventages of the OSI model									
The state of the s											
	-> Standardized model, -> clearly depres which parts of										
		network their Component									
	Should work with										
	-y co	-t Commonication proces is									
	Chear										
11							APPI	ICPTION	HT	185	
	SHORT PORMSZ						PRE	SENTATION	MIN	NE	
		MIMES	multipu	spone			8ES	SION	88		
			Interconnected mor					NSPORT		JUDP	
	Extensions						NET	[work	I		
							DAT	A LINK	PP	P	
	PPP: Point to Point						Por	YSICAL	Eth	ernet 1	
Proposel											
										3 4 3 3 4 3 4 3	

TCP/ IP MODEL :

It was crated 1970s by Defense iddvancen Research Project of DARPA Like the DSI model it that the designing & implementing computer protocols. Of Consist of 4 layer Session, Presentation, Applie

PRODUCE CONTRACT APPLICATION Transport layer MECOLORY TRASUSPORT Network loger INTERNET NETWORK ACCESS Physical Dosaling layer layer

LAYERI: NETWORK ACCESS

define or menoges sere proposeds or handware across pylicel neprovilo

LAVEROS UNTERNET

define the protocol for logically transfering of data ones the nomort.

LAYERS & TANNSPORT

Relieve dennimon of dota le esson free delivery of pocuess.

LAYERYS CAPPHON 110W

Depu tel protocels por ter molle-to-mode commonications application & provide Services to application Septimenes

. Tel reads dorn as byte a mag is transmitted to segments · Upp send individual a on anivel are checked for Date ! TCP: VS UDP: User Detegram Bootocal · Tromminien commol Universal Detegram Protocal 200000 e.g. Video gomes C. g Emoil. · Connection · Connectionless orienteel offere one can send see moisiple · Here, meroge menes its way across internet pochet which would be tere from one camputer to end of the velchowskip. another This is connected boosed · Fixed order · No fixed order e 9t is fort bec. esson

scovery is not attempted.

9t is "BEST EFFORT" PROTOLOIS · Ter is show than UDP es it thes both esser derection & occurry. · Heeder fire is so bytes · trever vire is & byon Pecuers do fletup Connection · Ot is Mightweight to 17 aloen 4 autain such sexp. - MANDSMANE Ulive SYN, SYN+ACK, NO hondshohe · "BEST EFFORT" pooto ed · POSITIVE LACKNOWLEDGE WITH RETARNSMISSION (PAR)