Cheatography

Computer Communiation Exam1 Cheat Sheet by Sywise98 via cheatography.com/116841/cs/21786/

Protocols		Stacks		
define format, order of messages sent and received among network entities, and actions taken on message transmission, receipt		IP	application(http), transport(TCP), network(IP), link(W- iFi), physical(bits)	
network structure access TDM = time		ISO/OSI	ISO/OSI app, sessi inting), tra network, li	
networks, physical media:wired, wireless commun- ication links	division multip- lexing time divided into frames fixed duration fixed number time slots			
		TCP / UDP transmission control protocol		user datagram protocol
network core: •interconnected routers•network of networks FDM = frequency division multip- lexing: diff CHs transmitted in diff frequency bands		reliable tra flow contr congestio DNP(timi minimum throughpu	ol, n control, ng,	unreliable data transfer, DNP
Equations		guarantee, security), connectio-		
4 Sources of packet delays	dnodal = dproc + dqueue + dtrans +dprop	n-oriented		1 IP & 1 port
dproc : nodal processing, check bit errors, determine	dqueue: queueing delay, time waiting at output link for transmission, depends on congestion of router			streaming, DNS (domain name system)
output link dtrans: how long it takes to get on link	L (bits)/R(bps)			
dprop: propag- ation delay	d (m)/s			

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