Cheatography

Data Communications Cheat Sheet by wunderdog via cheatography.com/42831/cs/12849/

Types of Networks		Network Topologies (cont)	
LAN	Local Area Network	Mesh	Messages can take any of
WAN	Wide Area Network		several possible paths
PAN	Personal Area Network	,	from source to destination. Some WANs,
Types of Connections			most notably the Internet,
			employ mesh routing.

Point to Point

Server Client

Path of a Packet				
Application	HTTP			
Transport	UDP & TCP			
Network	IP			
Link	Ethernet or Wifi			
Physical	Coaxial Ethernet Cable			

Network Topologies

Bus	A single cable, the backbone functions as a shared communication medium that devices attach or tap into with an interface connector.
Ring	All messages travel through a ring in the same direction (either "clockwise" or "counterclockwise"). A failure in any cable or device breaks the loop and can take down the entire network.
Star	Features a central connection point called a "hub node" that may be a network hub, switch or router.
Tree	A Bus/Star hybrid in which only

Tree A Bus/Star hybrid in which only hub devices connect directly to the tree bus, and each hub functions as the root of a tree of devices.

By wunderdog

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