

Computer Network

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<u>Sr. No.</u>	<u>Topic</u>	<u>Resource</u>
*	<u>Basics</u>	
1	What is computer networking?	Link
2	Computer network devices	Link
3	Unicast, Broadcast, Multicast	Link
5	Network Topology	Link
6	LAN vs MAN vs WAN	Link
	<u>OSI Model</u>	Link
	<u>Physical layer</u>	Link
	<u>Data Link layer</u>	Link
1	Ethernet	Link
2	Extranet vs Intranet vs Internet	Link
3	Virtual circuit vs Datagram Network	Link
4	Switches & Types	Link
5	Virtual LAN	Link

6	Basics of Wi-Fi	Link
	<i><u>Network Layer</u></i>	Link
1	IP addressing	Link
2	IPv4 vs IPv6	Link
3	Types of Routing	Link
4	NAT	Link
5	WPA vs WPS	Link
6	What is Access control list	Link
7	AAA	Link
8	SONET	Link
9	DNS	Link
10	DHCP	Link
	<i><u>Transport Layer</u></i>	Link
1	TCP Connection	Link
2	UDP Connection	Link
3	Peer2Peer Connection	Link
4	Congestion	Link
5	Error Control	Link
	<i><u>Session Layer</u></i>	Link

	<u>Presentation Layer</u>	Link
	<u>Application Layer</u>	Link
	<u>Protocols</u>	Link