

## Sample Interview Questions: Networking

- 1) What is Client/Server?
- 2) What are the characteristics of Client/Server?
- 3) What is the router? How it works?
- 4) What is TCP/IP?
- 5) What is the Role of TCP/IP in data transmission from source to destination?
- 6) What are sockets?
- 7) What are the important topologies for networks?
- 8) Explain the 7 OSI layers briefly.
- 9) What are major types of networks and explain?
- 10) Define gateways
- 11) What is SAP?
- 12) Explain about encryption & decryption.
- 13) What's the difference between DNS and WINS?
- 14) What is a different between switch and Hub?
- 15) What is the difference between tree and forest?
- 16) What is MAC address?
- 17) What is NVT (Network Virtual Terminal)?
- 18) What is Protocol Data Unit?
- 19) What is a Multi-homed Host?
- 20) What do you meant by "triple X" in Networks?
- 21) Under what situations a packet can go into infinite loop in a network?
- 22) How many servers connecting to LAN server connection?
- 23) What are the five major technologies that can be used to create Client/Server applications?

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- 24) What is meant by transparency of location servers?
- 25) What are the two types of OLTP?
- 26) What is meant by horizontal scaling and vertical scaling?
- 27) What is an email client? What is difference between email client and web mail?
- 28) What is an Object server?
- 29) What is a Transaction server?
- 30) What are all the Base services provided by the OS?
- 31) What is a TP Monitor?
- 32) What is meant by AT and ATX?
- 33) What is OLTP?
- 34) What are the two types of OLTP?
- 35) What is Message Oriented Middleware (MOM)?
- 36) What are Super servers?
- 37) What is a Database Server?
- 38) Explain the building blocks of Client/Server?
- 39) What is a Web server?
- 40) What is meant by Transparency?
- 41) What is General Middleware?
- 42) What are called Non-GUI clients, GUI Clients and OOUI Clients?
- 43) What is meant by Asymmetric Multiprocessing (AMP)?
- 44) What are the most typical functional units of the Client/Server applications?
- 45) What is Groupware server?
- 46) What are the types of Transparencies?

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- 47) What are TP-Lite and TP-Heavy Monitors?
- 48) What are the main components of Transaction-based Systems?
- 49) What is Load balancing?
- 50) What is the Classification of clients?
- 51) What is meant by Symmetric Multiprocessing (SMP)?
- 52) What are the functions of the typical server program?
- 53) What are the building blocks of Client/Server?
- 54) What is meant by 3-Tier architecture?
- 55) What is meant by 2-Tier architecture?
- 56) What is meant by Middleware?
- 57) What are the two broad classes of middleware?
- 58) What are called Fat clients and Fat servers?
- 59) What is a File server?
- 60) What is meant by Asymmetrical protocols?
- 61) Name three network tools used to determine where a network connectivity is lost between two sites A&B.
- 62) What is the vlan? How it is work?
- 63) How can we create VPN to connect to branch office of the same office? What would be the preliminary requirement?
- 64) What is the difference between POP3 and IMAP Mail Server?
- 65) What is PING utility?
- 66) What protocol is used by DNS name servers?
- 67) What is the HELLO protocol used for?
- 68) What is OSPF?
- 69) What is a Bridge? When is it used? How is a bridge configured? What are the software and hardware components of a bridge?

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- 70) What is difference between base band and broadband transmission?
- 71) What are the possible ways of data exchange?
- 72) What is subnet?
- 73) What is traffic shaping?
- 74) What is the difference between routable and non- routable protocols?
- 75) Which protocol is used for retrieving mails?
- 76) What is BGP (Border Gateway Protocol)?
- 77) What is autonomous system?
- 78) What is silly window syndrome?
- 79) What is point-to-point protocol?
- 80) Explain 5-4-3 rule.
- 81) What does FTP and TFTP stands for?
- 82) Why we use class c IP address most
- 83) Is Wifi an application software or system software?
- 84) Name some routing protocols? (RIP, OSPF etc.)
- 85) What are digital signatures and smart cards?
- 86) For a small LAN which class of addressing is used?