

HTTP -> port 80

Reserved Ports

applications

Internet - physically connected across world win

Physical: - Optical fibre Cables, Coaxial Cables wirders: Bluetooth, Wifi, 39,49,59, LTE etc

Local Area Network :- Small House Office (Etherneth, Wife)

Metropolian Area Network :- Across a city

Widen Area Network: Across Countries

Miden Area Network: Across Countries

Mophical Fibre Cables)

every network is a combination of . I'm the applications wis.

Digital signal - Analog signal and vice versa osa model. (osa serina schericare Router :-Routes the packets Application layer - Software rearid and Internet moder (Router) duas D3 Stal 2 Ring Topologies:-1) Bus 0 3 (4) (Bus-Stall)

Structure of the network: 051 model: - (open systems Interconnection Blugg Application Layer: Software + (Pata) Presentation Layer: - data -> binary session, Layer Transport Layer (Routing) Network Layer Data Link physical Layer

TCP/IP model: Application Layer Transport Layer Data Link phyrical Layer. Committenicate. 1) Application Layer: * whatsapp. browsers, etc * users interact * Client-Server anchitecture * Located in devices * Protocols Protocols: web protocols: TEP/IP :-(NC) SMTP, POP3 & IMAC * SSH HTTP, FTP,

a defined set of standards that computers must o follow in order to communicate properly computer Networking: - full scope of how computers communicate with each other. Represents the physical devices that physical Layer: interconnect computers. Cables & fibre Cables Hub - physical layer device that allows for connections from many computers at once. 19001311 Posta Collision Collision Domais. Network Switch: - Modern Hub. ? Primary device to Router: - Network Layer device (Back-bone of the Internet) Brouder Gateway Protocol: (BGP) routers share data with this protocol, which lets them learn about the most optimal paths to forward traffic.