		Standards are very important. Imagine all the different cables and ports		Diffe
	WLAN: wireless connection  VLAN: set up a LAN for every department. Isolated network.			Serve softw servi
Internet: a global WAN connecting millions of computer systems	WAN: connects computer systems within a large geographical area	LAN: a network connecting		syste netw Store
	SAN: large storage devices can be accessible from servers in a convenient and easy way.	computer systems that are within a limited geographical area such as a room, an office building or a school	CS 3.1.1-3.1.5	Clien serve netw
PAN A LAN that supports only one person  P2P: all computer systems are both clients and servers at the same time, consuming and supplying.		litates secure data		Hub: to se on th hub. send its po
	interchange between Remote-access: individual hosts to	VI IV Types		Secu secu tunne SSL

OSI: seven layers

ferent layers

TCP/IP describe functions that take place at each layer of protocols within the TCP/IP suite

rver: a computer system or a ftware application providing a rvice to the other computer stems connected to the same twork ore and share files for example

ent: request a service from a rver connected to the same twork

b: when a network device wishes send data to some other device the network, it sends data to the b. The hub copies the data and nds it to all devices connected to

cure VPN: Internet protocol curity protocols: transport and nnel mode

Switch: when a network device wishes to send data to some other device on the network, it sends the data to the switch and the switch sends data to the appropriate receiver rather than all the ports and devices

Router: A router is used to connect a home network to the Internet