

43 Lecture - CS501

Important Subjective

1. What is a network?

Answer: A network is a collection of interconnected devices and systems that allow for communication and data sharing between different entities.

What is a protocol?

Answer: A protocol is a set of rules and guidelines that govern the communication between devices on a network.

What is a router?

Answer: A router is a networking device that connects multiple network segments and directs traffic between them.

What is a firewall?

Answer: A firewall is a security device that monitors and controls incoming and outgoing network traffic based on a set of predefined security rules.

What is a domain name?

Answer: A domain name is a unique name that identifies a website on the internet.

What is an IP address?

Answer: An IP address is a unique numerical identifier assigned to a device on a network.

What is a VPN?

Answer: A VPN (virtual private network) is a secure way to connect to a network over the internet, typically used for remote access.

What is a subnet mask?

Answer: A subnet mask is a numerical value used to identify the portion of an IP address that represents the network and the portion that represents the host.

What is a switch?

Answer: A switch is a networking device that connects multiple devices on a network and directs traffic between them.

What is bandwidth?

Answer: Bandwidth is a measurement of the maximum amount of data that can be transmitted over a network in a given amount of time, typically measured in bits per second (bps).