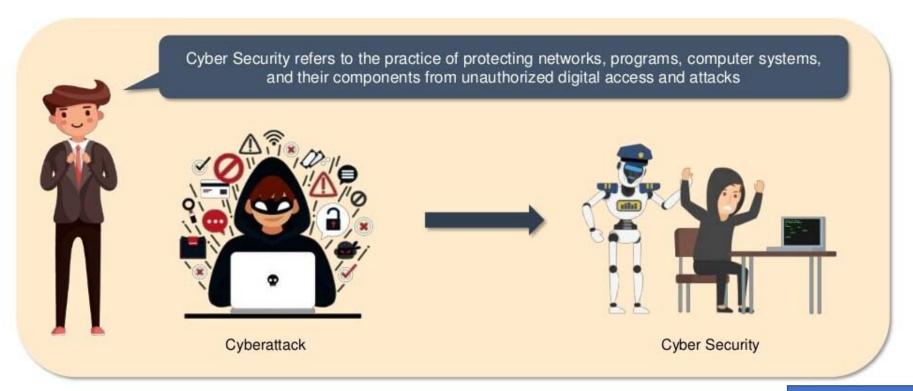


What is Cyber Security?

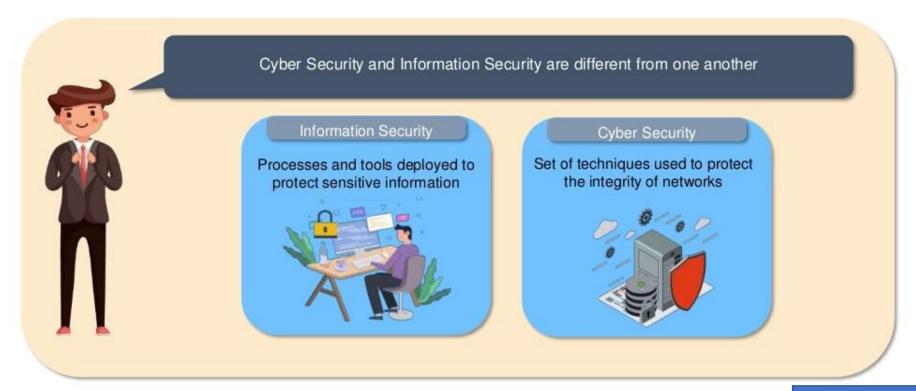


Cyber Security refers to the practice of protecting networks, programs, computer systems, and their components from unauthorized digital access and attacks

What is Cyber Security?



What is Cyber Security?



Compromising confidential data Information can be hacked which in turn can be used to spoil a company's image



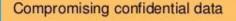












Information can be hacked which in turn can be used to spoil a company's image



Customer trust hampered

Customers will discontinue business with an organization if their information is leaked



Financial crisis

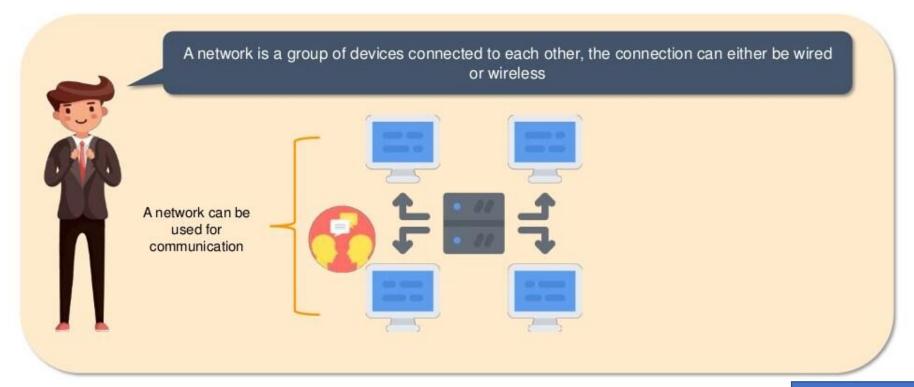
A company can spend a lot of money and time in restoring the lost data

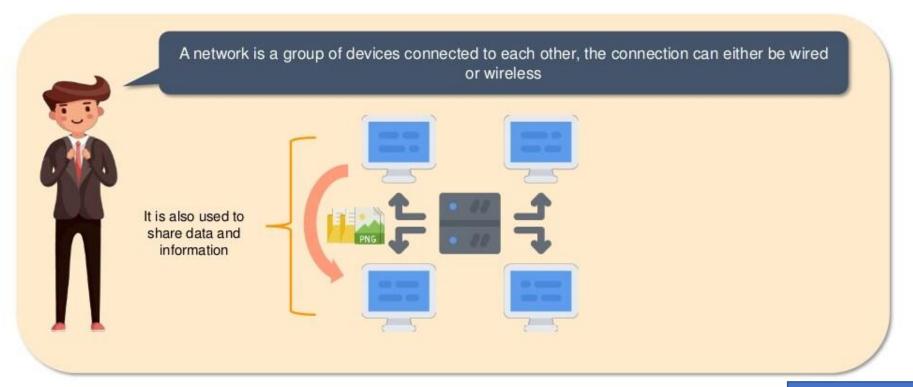


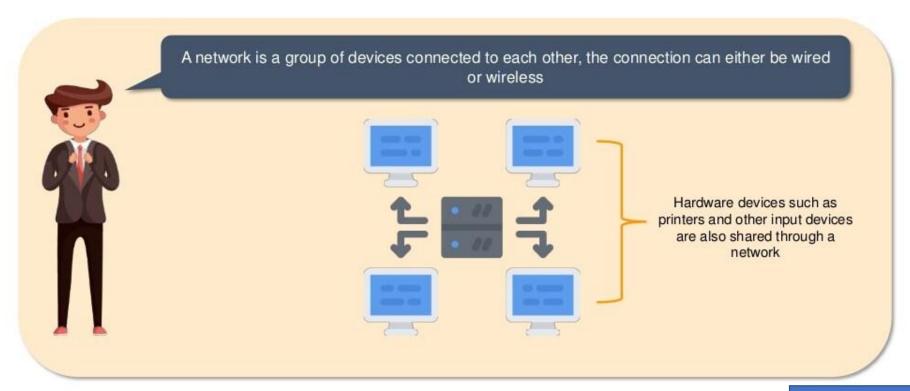




A network is a group of devices connected to each other, the connection can either be wired or wireless







Basic Network Terminologies - Server

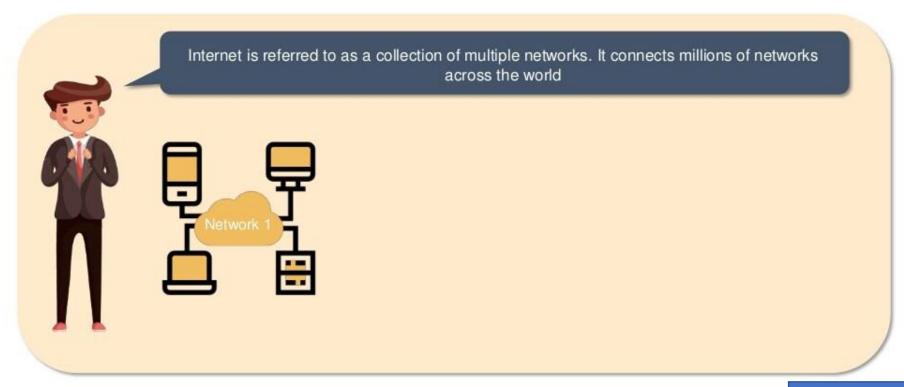


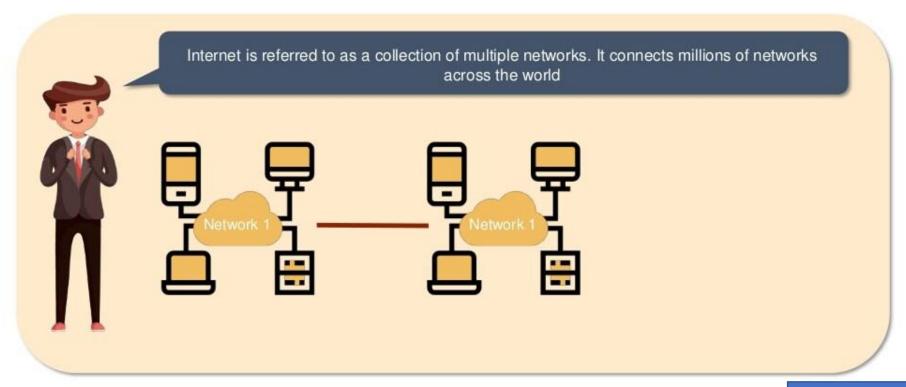
Server is a device that handles requests for data, information, and network services from other computers and devices known as clients. All your data is stored on this server

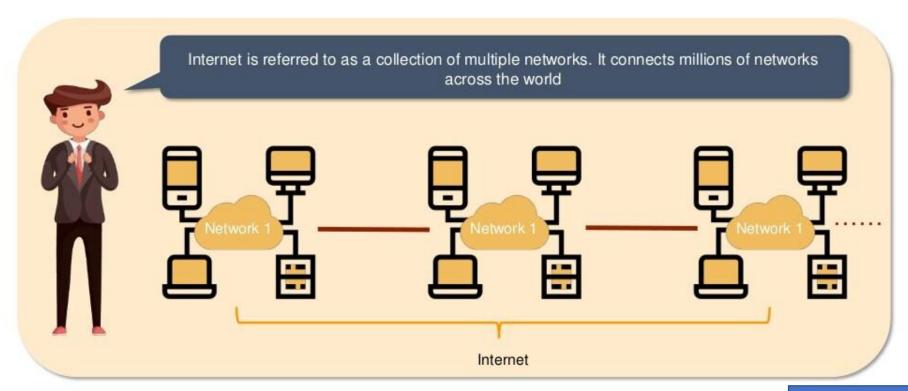
Basic Network Terminologies - Server











Basic Network Terminologies - TCP/ IP



Transmission Control Protocol/ Internet Protocol is defined as the set of rules that determine the data connectivity and transmission between devices through the internet

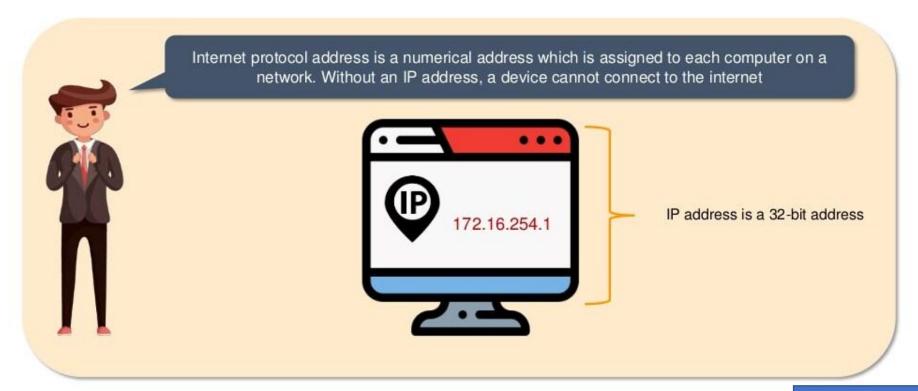


Basic Network Terminologies – IP address



Internet protocol address is a numerical address which is assigned to each computer on a network. Without an IP address, a device cannot connect to the internet

Basic Network Terminologies – IP address

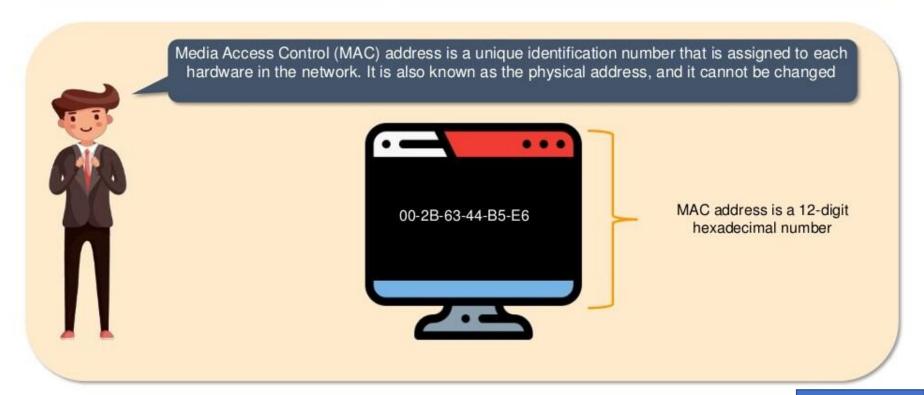


Basic Network Terminologies – MAC address

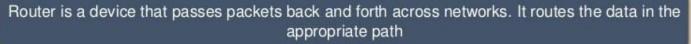


Media Access Control (MAC) address is a unique identification number that is assigned to each hardware in the network. It is also known as the physical address, and it cannot be changed

Basic Network Terminologies – MAC address



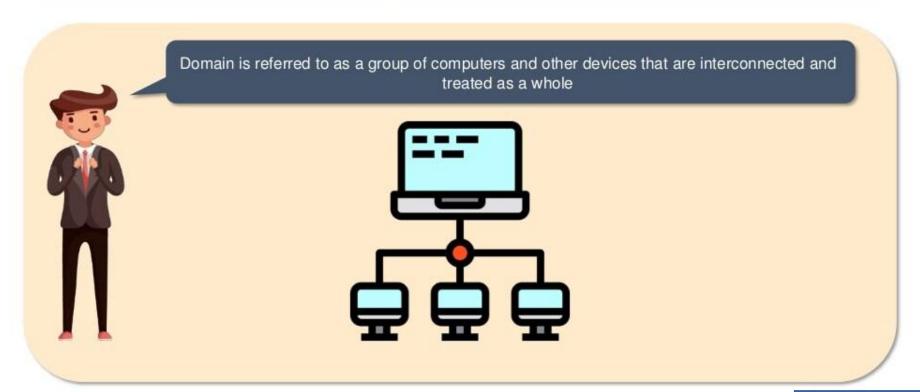
Basic Network Terminologies – Router





A home router passes the incoming traffic from the internet to your devices and passes the outgoing traffic from your local devices to the internet

Basic Network Terminologies – Domain



Basic Network Terminologies – Domain name



Basic Network Terminologies – Domain name



Basic Network Terminologies - DNS

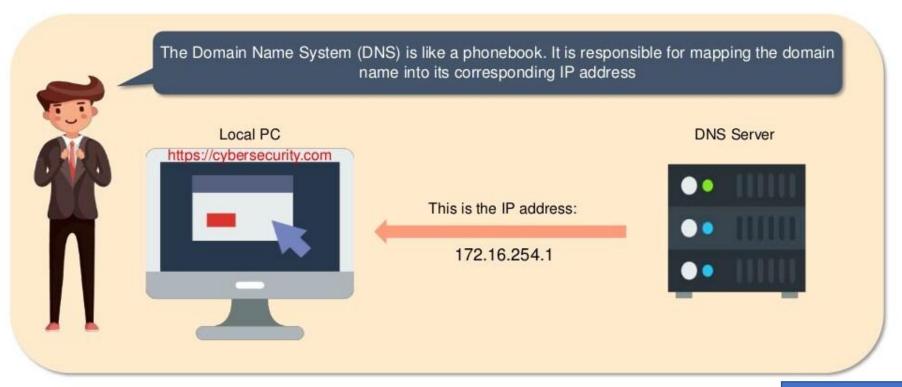


The Domain Name System (DNS) is like a phonebook. It is responsible for mapping the domain name into its corresponding IP address

Basic Network Terminologies - DNS



Basic Network Terminologies - DNS

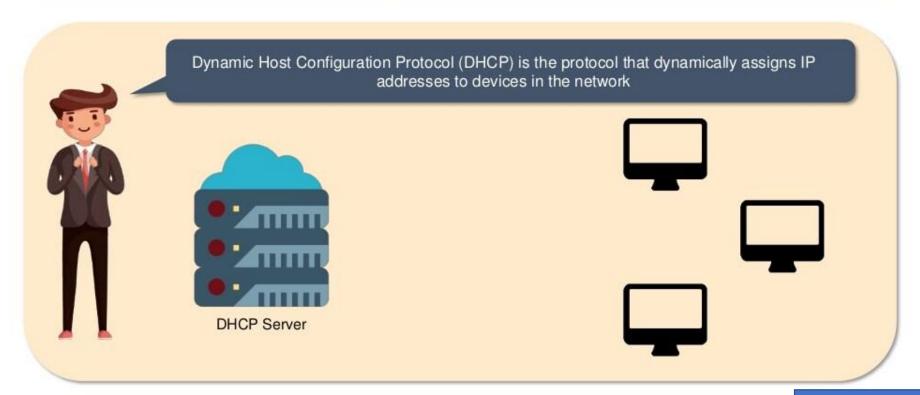


Basic Network Terminologies - DHCP

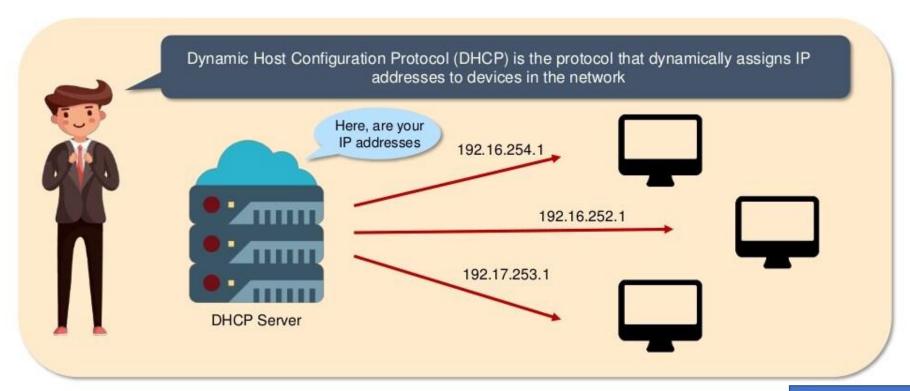


Dynamic Host Configuration Protocol (DHCP) is the protocol that dynamically assigns IP addresses to devices in the network

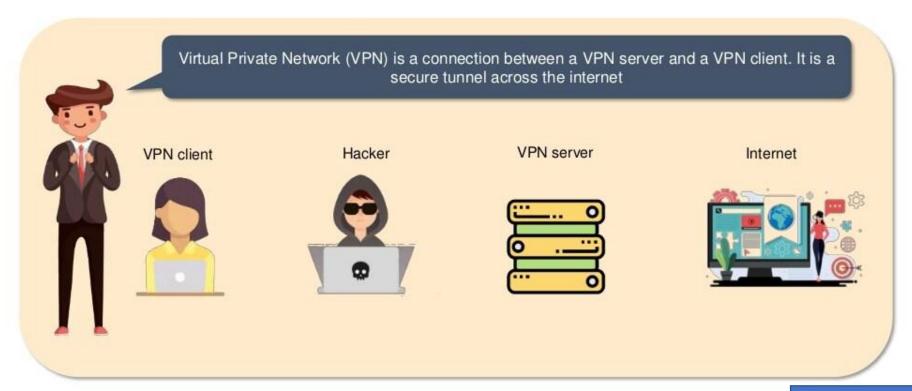
Basic Network Terminologies - DHCP



Basic Network Terminologies - DHCP



Basic Network Terminologies - VPN



Basic Network Terminologies - VPN

