

# [Mis chapter 7](https://assignbuster.com/mis-chapter-7-2/)

What spans a large geographic area such as a state, province, or country? WAN

What measures network performance? Bandwidth

What is a device that enables a computer to transmit and receive data? Modem

What is network convergence? The efficient coexistence of telephone, video, and data communication within a single network, offering convenience and flexibility not possible with separate infrastructures

Which of the following is a challenge associated with a connected world? Political, social, ethical issues

What is a restricted network that relies on Internet technologies to provide an Internet-like environment within the company for information sharing, communications, collaboration, Web publishing, and the support of business processes? Intranet

A \_\_\_\_\_\_\_ service provider is a private company that owns and maintains the worldwide backbone that supports the Internet. National

\_\_\_\_\_\_ is a method of sending audio and video files over the Internet in such a way that the user can view the file while it is being transferred. Streaming

A\_\_\_\_\_\_\_\_\_ is a space station that orbits the Earth receiving and transmitting signals from Earth-based stations over a wide area. Satellite

A\_\_\_\_\_\_ positioning system is a satellite-based navigation system providing extremely accurate position, time, and speed information. Global

Local Area NetworkConnects a group of computers in close proximity

National Service ProvidersPrivate companies that own and maintain worldwide backbone that supports the internet

Network Access PointsTraffic exchange points in the routing hierarchy of the internet that connects NSPs

Regional Service ProvidersOffer internet service by connecting to NSPs but also can connect directly to each other

BandwidthMax amount of data that can pass from one point to another in a unit of time

BroadbandHigh speed internet connection that is always connected

ProtocolStandard that specifies the format of data as well as the rules to be followed during transmission

Transmission control protocol/Internet protocolprovides the technical foundation for the public internet as well as for large number of private networks

Domain Name systemConverts IP addresses into domains

Network convergencethe efficient coexistence of telephone, video and data communication within a single network

Voice over IP (VoIP)Uses IP technology to transmit telephone calls

Internet protocol TV (IPTV)distributes digital video content using IP accross the internet and private IP networks

Benefits of a connected worlda. Sharing resources
b. providing opportunities
c. reducing travel

SSL Certificatean electronic doc that confirms the id of a website

Secure hypertext transfer protocolA combo of HTTP and SSL to provide encryption and secure id of an internet server

Digital DivideA worldwide gap giving advantage to those with access to technology

Personal Area NetworkProvide communication over a short distance
single user

BluetoothWireless PAN technology that transmits signals over short distances between cell phones, computers and other devices

Wireless LAN (WLAN)Local area network taht uses radio signals to transmit and receive data over distance of a few hundred feet

Wireless Fidelityportable devices connect wirelessly to a LAN using access points

Access PointComputer or network device that serves as an interface between devices and the network

Wireless Access PointEnables devices to connect to a wireless network to communicate with each other

Multiple in/ multiple out technologymultiple transmitters and receivers allowing them to send and receive greater amounts of informations

Wireless MANa metropolitan area network that uses radio signals to transmit and receive data

Smart Phoneoffer more advanced computing ability

Streamingmethod of send audio and video files over the internet

3Gservice that brings wireless broadband to mobile phones

Radio Frequency IDuses electronic tags and lables to identify objects wirelessly over short distances

Global Positioning SystemSatellite based navigation system providing extremely accurate position, time and speed information

automatic vehicle locationuses gps tracking to track vehicles

latituderepresents a north/south measurement of position

longituderepresents an east/west

GeocacheGPS technology adventure game that posts longitude and latitude of item for users to find

Geographic Information systemconsists of hardware, software and data that provide location info for display on a multidimensional map

Location Based Servicesapplications that use location info to provide a service

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