



MAN based on cable TV

- MAN stands for Metropolitan Area Network.
- It is a medium sized network with high speed i.e. 100 MBPS. It is operated by a single organization or several organizations in a city to share local information & resources.
- It covers larger geographical area such as city up to the distance up to 10 km
- MAN is a network of computers spread over a metropolitan area such as city and its suburbs.
- Cable-TV network is an example for MAN
- It is formed by connecting several LANs belong to several organizations in a city
- It is operated by one organization (a corporate with several offices in one city), or be shared resources used by several organizations in the same city.
- MAN is a computer network covering a town or city or metropolitan area, a company can use a MAN to connect the LANs in all of its offices throughout a city.
- MANs are larger LANs in terms of geographic area covered.
- MANs uses high speed connection links such as satellite communication, telephone lines & microwave links
- MAN is formed by connections several LANs which may belong to various organizations
- MAN often acts as a high speed network to allow sharing of regional resources.
- It is a means of connecting a number of LANs into a larger network so that resources can be shared LAN to LAN as well as device to device.
- Example: telephone company network provides high speed DSL (Digital Subscriber Line) to the customers and cable TV network in many cities
- IEEE 802.16 is the standard used in modern MANs

3. WAN