1. Introduction, Network Edge

08 January 2025 08:39

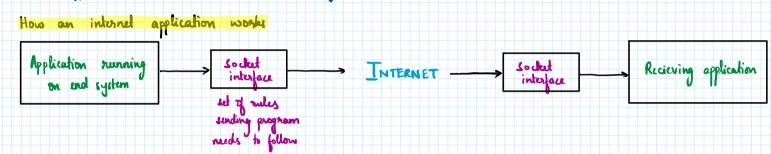
NUT AND BOLT VIEW

A SERVICE YIEW

Internet = infrastructure that provides services to applications

· Provides programming interface to distributed applications

· Apps that are distributed between systems communicate via the Internet



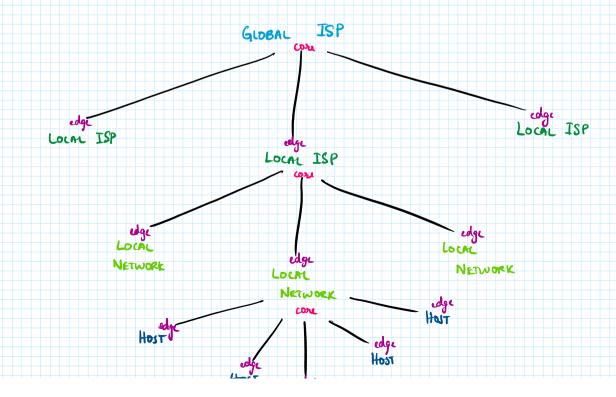
PROTOCOLS

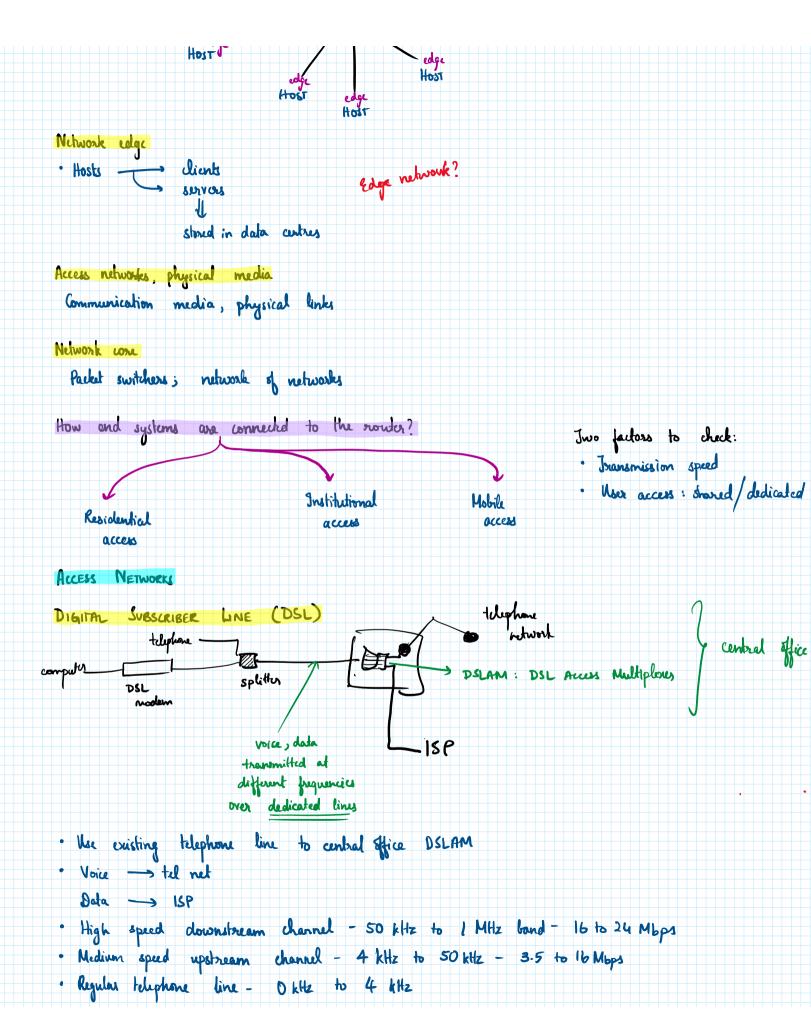
Define format, order of messages sunt/received among network entities

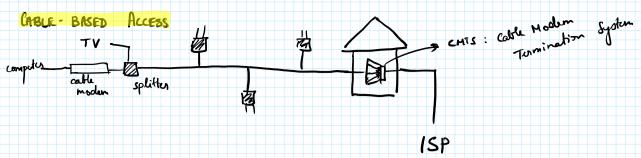
as well as

actions taken on transmission, receipt

NETWORK EDGE







· Uses FDM to send information in multiple channels across single cooxial cable

· Uses same network as television as prony

HFC: Hybrid Fiber Cooxial cable

Downstream: 40 Maps to 1.2 Glass

Upstream: 30 to 100 Mbps

· Homes share access network

