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Show Name: CompTIA IT Fundamentals (Exam FC0-U61)

Topic Name: Networking

Episode Name: Connections and Service Types Pt2

Description: In this episode, Don and Ronnie describe different internet connections available.

Keywords:

Connection and Service Types

- Compare and contrast common Internet service types
 - Fiber optic
 - uses fiber cable stands for internet
 - faster than cable and DSL
 - advantage: fastest type
 - limitation: not universally available
 - Cable
 - uses same cable as cable tv for internet
 - faster than DSL connection
 - advantage: widespread and good bandwidth
 - limitation: shared connection
 - DSL (Digital Subscriber Line)
 - uses existing phone lines
 - approx 10x faster than dial-up
 - advantage: faster than dial-up
 - limitation: distance, the farther away you are the less speed.
 - Wireless
 - rely on towers
 - fixed location
 - external antenna
 - Satellite
 - advantage: coverage area is large
 - limitation: slower because signal has to bounce into space
 - limitation: limited GBs by comparison.
 - Cellular LTE 4G (AT&T Hotspot)
 - rely on towers and proximity
 - advantage: stay connected as long as in service area, mobile or fixed.
 - limited: data download limitation