

Questions

(True or False)

Digital Subscriber Line (DSL)
technologies always provide a higher
download speed than upload speed.

Synchronous Digital Hierarchy (SDH)
provides higher data rates than
Plesionchronous Digital Hierarchy
(PDH).

Asynchronous Transfer Mode (ATM) is an example of a circuit switching based core network technology.

ADSL is a point-to-point network technology.

The advantage of coaxial cable (versus optical fibre) for Internet access is that cable networks use of the existing Public Switched Telephone Network (PSTN).

Except for some of the very small number of remaining dial-up modems users, the Public Switched Telephone Network (PSTN) is no longer used for Internet access by end-users.

IEEE 802.11 wireless LAN technologies can be used for LANs as well as an alternative to point-to-point wired WAN links.

IEEE 802.15.4 (also referred to as ZigBee) is used for wireless wide area networks.

Mobile telephones cannot provide data rates equivalent to ADSL.

UMTS is an example of 3G mobile telephone system.

All ISPs used BGP for routing inside their network

If a tier 3 ISP1 has a transit agreement with tier 2 ISP2, then all traffic sent from ISP1 to ISP2 is free

All companies/organisations attached to the Internet have a unique AS number

Answers

Digital Subscriber Line (DSL)
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download speed than upload speed.

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