A T1 consists of \_\_\_\_\_ telephone channels.

1 24 28 100

The more accurate name for a modem used for a DSL connection is a \_\_\_\_\_\_.

POTS DSLAM CMTS ONT

FTTP stands for \_\_\_\_\_\_\_.

Fiber to the Premises Fiber to the People Fiber Telephone Total Package File Transfer Telephone Protocol

A traditional wireless network involving access points that all have wired connections is known as a(n) \_\_\_\_\_\_\_.

LAN WLAN WAN ad-hoc network

WPA stands for \_\_\_\_\_\_\_.

WiFi Protected Access Wireless Protection Augmentation WiFi Proxy Access Wired Protected Access

What connection type is known as "always on"?

Ethernet Broadband Internet Plain Old Telephone System (POTS)

Cable Internet access can be described with which feature?

Dedicated bandwidth Wireless transmissions Shared bandwidth Central Office (CO) connection

An Internet connection problem for customers is found to be outside a carrier's regional office. As a result, which area needs troubleshooting?

Local loop Core network Wide Area Network (WAN) Demarcation point

An 802.11 frame contains a number of fields. Which field describes the version of 802.11 that is being used?

Frame control Sequence control Duration Address

How many simultaneous phone conversations can a T1 line carry?

28 24 20 23

Which connection technology uses what is known as a CMTS?

Dial-up Cable Internet Fiber optic Digital Subscriber Line

Which solution eliminates the need for dedicated high-speed WAN connections between sites? Asynchronous Transfer Mode (ATM)

T-carrier technology Point-to-point VPN Cable broadband

When it comes to wireless channels, which channels never overlap? Check all that apply.



3



11

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4



1

Cat5 and Cat6 cabling refer to which reference model layer?

Transport Presentation Data link Physical

What two benefits are a result of configuring a wireless mesh network? Check all that apply.



Performance

Correct

Nice job! Performance increases when access points are configured in a mesh where all points are connected to each other.



Range

Correct

Awesome! Range increases when access points are configured in a mesh where all points are connected to each other.



WiFi protected setup



Ad-hoc configuration