Congratulations! You passed!

TO PASS 80% or higher

Keep Learning

Connecting to the Internet

LATEST SUBMISSION GRADE

93.75%

1. Question

1 / 1 point

✓ **Correct**

Great job! A baud rate is equivalent to bits per second.

2. Question

0 / 1 point

! **Incorrect**

Not quite. Please refer back to Lesson 3 for a refresher.

3. Question

1 / 1 point

✓ **Correct**

Correct! An ONT sits between a fiber network and a more traditional copper one.

4. Question

1 / 1 point

✓ **Correct**

Great job! The Frame Control Field specifies things like what version of 802.11 is in use.

5. Question

1 / 1 point

✓ **Correct**

Wohoo! 256-bit keys are pretty difficult to break.

6. Question

1 / 1 point

✓ **Correct**

Well done! Switches and routers are two of many devices that control network connectivity and traffic.

7. Question

1 / 1 point

✓ **Correct**

You got it! Shared bandwidth means multiple users use the same connection. With cable Internet, many users (like in a city block) use the same line back to the ISP.

8. Question

1 / 1 point

✓ **Correct**

Awesome! Fiber To The Neighborhood (FTTN) defines fiber technology used to deliver data to a single physical cabinet that serves a population.

9. Question

1 / 1 point

✓ **Correct**

You nailed it! Switches remember which computers are on which physical interfaces, so traffic is only sent to the intended node.

10. Question

1 / 1 point

✓ **Correct**

Great work! Cell towers are configured to use bands that don't overlap, just like WiFi uses different channels.

11. Question

1 / 1 point

✓ **Correct**

Woohoo! A T1 is a dedicated communication line that can carry both data and voice.

12. Question

1 / 1 point

✓ **Correct**

You nailed it! The Cable Modem Termination System (CMTS) connects lots of different cable connections to an ISPs core network.

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13. Question

1 / 1 point

✓ **Correct**

Right on! A point-to-point VPN utilizes the Internet to create a more private high-speed link without the need for dedicated WAN technology.

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14. Question

1 / 1 point

✓ **Correct**

Woohoo! Cell towers are similar to wireless access points. Configuration of a tower includes avoiding overlap issues.

15. Question

1 / 1 point

✓ **Correct**

Woohoo! Physical media, like cables, provide connectivity and are associated with the physical layer.

16. Question

1 / 1 point

✓ **Correct**

Nice job! While not commonly used today, dial-up still exists. 14400 (14.4k) baud was a popular baud (speed) rate.