Networking Devices

TOTAL POINTS 3

1. Which of the following statements accurately describe the differences between a hub and a switch? Check all that apply.

    1 / 1 point

    ☑ A hub is a physical layer device, and a switch is a data link layer device.

    ✓ **Correct**
    You got it!

    ☑ A switch remembers which devices are connected on each interface, while a hub does not.

    ✓ **Correct**
    You got it!

    ☑ A hub causes larger collision domains.

    ✓ **Correct**
    You got it!

    ☐ Hubs are more sophisticated versions of switches.

2. What does LAN stand for?

    1 / 1 point

    ○ Little area network

○ Locally available network

○ Large area network

● Local area network

✓ **Correct**

That's right! LAN stands for Local Area Network.

3. What's a router?

1 / 1 point

○ A more advanced version of a switch

● A device that knows how to forward data between independent networks

○ A physical layer device that prevents crosstalk

○ A network device used specially for fiber cables

✓ **Correct**

Awesome work! A router connects independent networks by forwarding data between them.