

Flexible Instruction Day Assignment #2

Network Hardware Review

Student _____

Date _____

Session _____

1. Your wireless network has weak signal in your living room. Which network device can be used to improve your wireless signal?
2. You are building a small network for a business and need to connect all of the equipment together to form the network. What device can you use to connect all of your network cables together?
3. Your business network is attached to the Internet, and you are concerned that this makes it vulnerable to outside threats. Which one of the devices is designed to protect your network from external threats and keep your internal communications from going outside of your local network?
4. Your office IT person is complaining that the company network is slow because the network media is damaged and outdated. What network hardware is the technician referring to?
5. Your gaming console can connect to the Internet (for gaming, video, etc.) using a network cable or through a wireless connection. What network device is built into your game console (what makes this connection possible)?
6. Your office has a closet where all the network cables (that run through the ceiling) end. You ask the IT person about the closet, and they tell you it takes all of the wire from your wall jacks and terminates them into a device. They said the device has network jacks that let you attach network/patch cables to a switch or router. What is this device called?
7. Your office wants to install a wireless access point on the ceiling, in the middle of their conference room. There is no power outlet in this area. What device can you use to run power to the access point using a standard network cable?
8. Your office purchased an Internet connection from a local broadband/cable TV and Internet service provider (ISP). The ISP said a technician would stop in on Monday to set the connection up. What device will the technician need to install?
9. You would like to run an Internet connection to your garage, but you don't want to run cable or extend your wireless connection out to the building. What device can you use run a network signal out to the garage using your existing electrical wiring?

10. Your small office network does not use a server (peer-to-peer) but would like to have a common storage area that everyone can share over the network. What device can provide storage/file sharing for your network?