

Chapter 1 – Exploring the Network

Study Guide

Tips for success: While answering the questions read Chapter 1, review the summary, and complete the practice Quiz.

All answers should be in **RED** type

After completion of this chapter, you should be able to:

- Explain how multiple networks are used in everyday life.
- Explain the topologies and devices used in a small to medium-sized business network.
- Explain the basic characteristics of a network that supports communication in a small to medium-sized business.
- Explain trends in networking that will affect the use of networks in small to medium-sized businesses.

1. What communication forms on the Internet do you use on a daily basis?

Texting, Social Media

2. How has the internet changed the way we work and play?

Made it easier than ever to connect with others and to find the information we need.

3. Why is the Internet considered a “network of networks”?

It connects networks from around the world so all can be able to access the internet itself.

4. What is an end device? Give examples and their function.

The source or destination of a message transmitted over the network. PC, Server, Phone, Laptop

5. What is an intermediary network device? Give examples and their function.

Connect the individual end devices to the network and can connect multiple individual networks to form an internetwork. Wireless Router, LAN Switch, Router, Firewall Appliance

6. List some examples of the types of intermediary devices you must pass through to access the internet.

Firewall Appliance, Switch

7. What is a server? Explain the Client – Server relationship.

Computers with software that enable them to provide information to other devices on the network. Partitions tasks between the provider, servers, and service requesters, clients.

8. What are the characteristics of a peer-to-peer network?

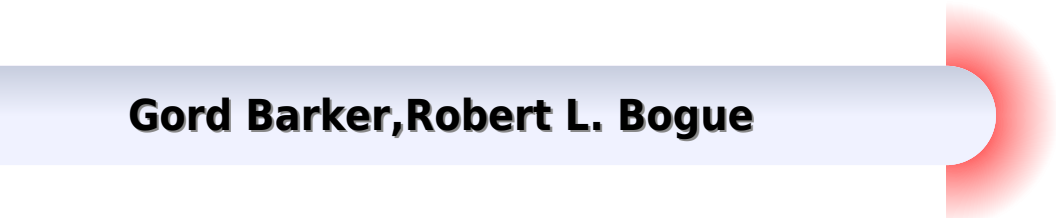
Many computers function as the servers and clients on the same network.

9. 4What are the criteria for choosing network media?

Whether you want it in metallic wires, fiber optic cables, or wireless.

Network Guide To Networks Review Questions Answers

Gord Barker, Robert L. Bogue



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