Draw Your Concept of the Internet Now (Instructor Version)

Instructor Note: Red font color or Gray highlights indicate text that appears in the instructor copy only.

Objectives

Identify the common components of a network.

- Students will illustrate how concepts from Chapter 1 are applied to show how network devices connect to and throughout the Internet. After reflecting on their home or small-business topology, students will become familiar with using the device icons and knowledge needed to visualize network connectivity through the remaining network courses.

Background / Scenario

In this activity, you will use the knowledge you have acquired throughout Chapter 1, and the modeling activity document that you prepared at the beginning of this chapter. You may also refer to the other activities completed in this chapter, including Packet Tracer activities.

Draw a map of the Internet as you see it now. Use the icons presented in the chapter for media, end devices, and intermediary devices.

In your revised drawing, you may wish to include some of the following:

- WANs
- LANs
- Cloud computing
- Internet Service Providers (tiers)

Save your drawing in hard-copy format. If it is an electronic document, save it to a server location provided by your instructor. Be prepared to share and explain your revised work in class.

Instructor Note: This Modeling Activity may be selected as a graded assignment, because its purpose is to validate the learning gained in Chapter 1 about:

- WANs
- LANs
- Cloud computing
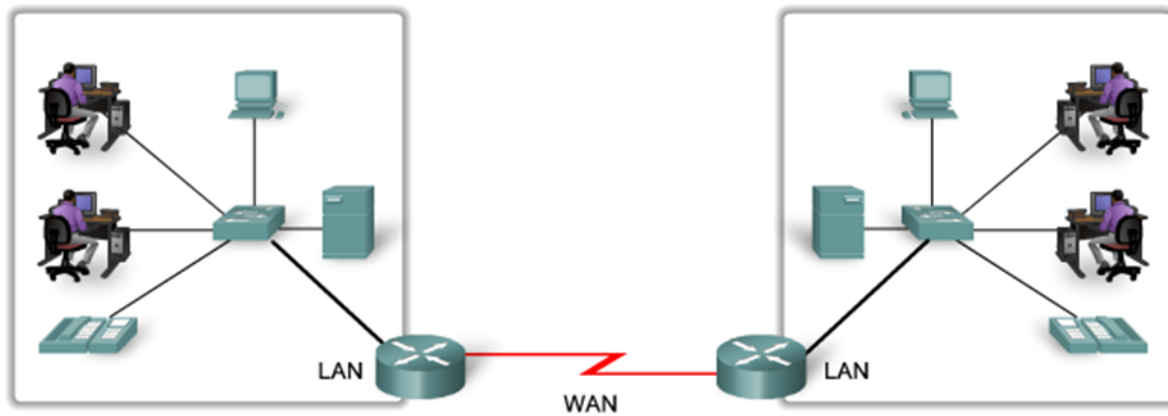- Internet Service Providers (tiers)

Required Resources

- Beginning of chapter modeling activity drawing
- Packet Tracer (may be optional if students sketch their own drawing)
- Paper and pencils or pens

Reflection

1. After completing Chapter 1, are you more aware of the devices, cabling, and physical components of a small-to-medium size network? Explain your answer.

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(Answers will vary per student – but this reflection question will generate some good class discussion and foster community between students and the Instructor)

Modeling Activity Graphic Representation (designs will vary)

Instructor Note: This is a representative model that might be "built" as a result of this activity.

Identify elements of the model that map to IT-related content:

- Devices/Equipment
- Media (cabling)
- Social Media Links
- Sources & Destinations
- Local Area Networks
- Wide Area Networks