

8.3 Network Printing

As you study this section, answer the following questions:

- What is the benefit of network printing?
- When sharing a printer, why might you need to load additional printer drivers?
- Which type of device can act as a print server?
- What is an advantage of having a printer with a built-in print server and network interface?
- When would you use a TCP/IP port when configuring a printer object?
- Which services allow you to print wirelessly to a remote printer?

In this section, you will learn to:

- Configure network printing

Key terms for this section include the following:

Term	Definition
Spooling	A client application generates a print job on the local system.
Queue	A location for storing waiting print jobs.
Print server	The server that manages the flow of documents from the queue to the printer.
Internal print server	A server inside the printer itself.

This section helps you prepare for the following certification exam objectives:

Exam	Objective
TestOut PC Pro	1.4 Install and configure a printer 1.4.3 Configure network printing
CompTIA 220-1001	3.10 Given a scenario, configure SOHO multifunction devices/printers and settings. <ul style="list-style-type: none">▪ Device sharing<ul style="list-style-type: none">▪ Wired▪ USB▪ Serial▪ Ethernet▪ Wireless▪ Bluetooth▪ 802.11(a, b, g, n, ac)▪ Infrastructure vs. ad hoc▪ Device sharing<ul style="list-style-type: none">▪ Cloud printing/remote printing▪ Integrated print server (hardware)

	<ul style="list-style-type: none">Public/shared devices<ul style="list-style-type: none">Sharing local/networked device via operating system settingsTCP/Bonjour/AirPrintData privacyUser authentication on the deviceHard drive caching
CompTIA 220-1002	<p>1.8 Given a scenario, configure Microsoft Windows networking on a client/desktop.</p> <ul style="list-style-type: none">Printer sharing vs. network printer mapping

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