**Using TCP/IP Connectivity Troubleshooting Tools**

**Time Required:** Approximately 10 minutes

**Objective:** Learn how to use nbtstat and netstat.

**Description:** In this activity, you have an opportunity to use nbtstat to view computers (NetBIOS names) on the network and then netstat to view all connections.

1. Click **Start** and click the **Windows PowerShell** tile; or click **Start**, click the Windows PowerShell folder, and click **Windows PowerShell**.
2. At the command prompt, enter **nbtstat -n** and press **Enter**.

* What information is displayed?

1. Next, type **nbtstat -s** and press **Enter**.

* What information is displayed by this command?

1. Now type **netstat -a | more** at the command prompt and press **Enter**. Tap the space bar to advance through additional screens of information. You can press Ctrl + C to quit without going through all lines of information.

* What information is produced by this command?

1. Type **ipconfig** and press **Enter** to view the results of this command.
2. Find your IP address from the ipconfig results. Type **ping** plus your IP address and press **Enter**.

* How can you use the ipconfig command to verify your own TCP/IP connection? What is the purpose of the ping command?

1. Close Windows PowerShell.