

# Congratulations! You passed!

TO PASS 80% or higher

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## Verifying Connectivity

TOTAL POINTS 3

1. The protocol used to communicate network errors is known as \_\_\_\_\_.

1 / 1 point

- ☐ TCP
- ☐ Traceroute
- ☒ ICMP
- ☐ UDP



**Correct**

Correct! ICMP is used to communicate errors back to the client.

2. The ping utility sends what message type?

1 / 1 point

- ☒ Echo Request
- ☐ Echo Reply
- ☐ Destination Network Unknown
- ☐ Destination Network Unreachable



**Correct**

Right on! By default, the ping utility sends an Echo Request ICMP message type.

3. On Windows, one of the tools you can use to verify connectivity to a specific port is \_\_\_\_\_.

1 / 1 point

- ☐ nc (netcat)
- ☐ tracert
- ☒ Test-NetConnection
- ☐ ping



**Correct**

You got it! Test-NetConnection lets you test many things, including connectivity to a specific port on a remote host.