

Packet Tracer – Telnet and SSH

Part I. Verify connectivity

1. Verify IP address on a PC.

```
C:\>ipconfig

FastEthernet0 Connection: (default port)

    Connection-specific DNS Suffix...:
    Link-local IPv6 Address . . . . .: FE80::20C:85FF:FEA8:65D3
    IPv6 Address . . . . .: ::
    Autoconfiguration IPv4 Address...: 169.254.101.211
    Subnet Mask . . . . .: 255.255.0.0
    Default Gateway . . . . .: ::
                                   0.0.0.0

Bluetooth Connection:

    Connection-specific DNS Suffix...:
    Link-local IPv6 Address . . . . .: ::
    IPv6 Address . . . . .: ::
    IPv4 Address . . . . .: 0.0.0.0
    Subnet Mask . . . . .: 0.0.0.0
    Default Gateway . . . . .: ::
                                   0.0.0.0
```

2. Verify connectivity to HQ.

```
C:\>ping 64.100.1.1

Pinging 64.100.1.1 with 32 bytes of data:

Request timed out.
Reply from 64.100.1.1: bytes=32 time=22ms TTL=253
Reply from 64.100.1.1: bytes=32 time=1ms TTL=253
Reply from 64.100.1.1: bytes=32 time<1ms TTL=253

Ping statistics for 64.100.1.1:
    Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 22ms, Average = 7ms
```

Part II. Access a Remote Device

1. Telnet to HQ.

```
C:\>telnet 64.100.1.1
Trying 64.100.1.1 ...Open
[Connection to 64.100.1.1 closed by foreign host]
```

2. SSH to HQ.

```
C:\>ssh -l admin 64.100.1.1

Password:

HQ#
```