

How to Ping from an Appliance, v5.0 and Later

Synopsis

This article explains how to ping from an Appliance Card at a command line in the ETM[®] System v5.0 and later. Ping functionality is provided to aid in troubleshooting Span network connectivity issues. Ping is available from a command line (**ASCII Management Interface**, Telnet, or a serial connection via the Card **Console** port) and for certain Appliance types, from the **Ping Tool** in the Performance Manager. This article addresses pinging from a command line. For information about the **Ping Tool**, see the ETM System online Help or user guides.

Versions Affected

ETM[®] Communications Appliance v5.0 and later.

Instructions

To ping from a command-line interface

1. Make sure that the Ethernet network cable is physically installed in the designated Ethernet port on the Card. The link lamp should be blinking green and the speed lamp will be either out or yellow, depending on the port speed: out for 10MB, yellow for 100MB.
2. From a serial Console session, **ASCII Management Interface**, or Telnet, type the following:

```
ping -c n <ip_address>
```

Where **-c** denotes a count, *n* is the count of packets to send, and *<ip_address>* is the IP address of the network device you want to ping.

The following shows sample output from this command:

```
ETM:1> ping -c 10 10.1.2.142

PING 10.1.2.142 (10.1.2.142): 56 data bytes
84 bytes from 10.1.2.142: icmp_seq=0 ttl=128 time=0.4 ms
84 bytes from 10.1.2.142: icmp_seq=1 ttl=128 time=0.3 ms
84 bytes from 10.1.2.142: icmp_seq=2 ttl=128 time=0.3 ms
84 bytes from 10.1.2.142: icmp_seq=3 ttl=128 time=0.4 ms
84 bytes from 10.1.2.142: icmp_seq=4 ttl=128 time=0.4 ms
84 bytes from 10.1.2.142: icmp_seq=5 ttl=128 time=0.3 ms
84 bytes from 10.1.2.142: icmp_seq=6 ttl=128 time=0.4 ms
84 bytes from 10.1.2.142: icmp_seq=7 ttl=128 time=0.3 ms
84 bytes from 10.1.2.142: icmp_seq=8 ttl=128 time=0.3 ms
84 bytes from 10.1.2.142: icmp_seq=9 ttl=128 time=0.3 ms

--- 10.1.2.142 ping statistics ---
10 packets transmitted, 10 packets received, 0% packet loss
round-trip min/avg/max = 0.3/0.3/0.4 ms

ETM:1>
```

IMPORTANT: If you forget to use the “-c *n*” option, a continuous ping occurs. To stop the ping, type `QUIT`, as shown in the example below.

```
ETM:1> ping 10.1.2.142
```

```
PING 10.1.2.142 (10.1.2.142): 56 data bytes
84 bytes from 10.1.2.142: icmp_seq=0 ttl=128 time=7.3 ms
84 bytes from 10.1.2.142: icmp_seq=1 ttl=128 time=0.3 ms
84 bytes from 10.1.2.142: icmp_seq=2 ttl=128 time=0.3 ms
84 bytes from 10.1.2.142: icmp_seq=3 ttl=128 time=0.3 ms
84 bytes from 10.1.2.142: icmp_seq=4 ttl=128 time=0.3 ms
QUIT
```

```
ETM:1>
```

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