



How to perform ping test



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Stable: 03.02.2020 - 08:06 / Revision: 03.02.2020 - 07:59

1 Purpose

This article describes how to configure the Ethernet interface using the PING tool.

1.1 Perform ping test

To test the Ethernet connection, it is useful to know how to perform a "PING" between the PC and the board. The PING command exchanges a short message between the two devices to verify that the Ethernet connection is working.

To test the communication between the PC to the board controller, one can execute the PING command from the PC:

For example, to PING a board at IP address 10.48.1.172, type:

```
PC $>ping 10.48.1.172
```

If the PING is successful, a message similar to the following is displayed:

```
PC $>Pinging 10.48.1.172 with 32 bytes of data:  
PC $>Reply from 10.48.1.172: bytes=32 time=39ms TTL=15  
PC $>Reply from 10.48.1.172: bytes=32 time=39ms TTL=15  
PC $>Reply from 10.48.1.172: bytes=32 time=39ms TTL=15
```

2 References

Permission error

Stable: 04.02.2020 - 07:47 / Revision: 04.02.2020 - 07:37

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