

Comware V7 Tracert NETCONF XML API Action Reference

Revision Record

Date	Revision Version	Change Description	Author
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Contents

- Tracert 1
 - Tracert/IPv4Tracert 1
 - XML structure 1
 - Responded XML structure 1
 - Table description 1
 - Columns 2
 - Responded columns 2

Tracert

Tracert/IPv4Tracert

This table is used to test the IPv4 message pass through router from source to destination, and to check the network connection is available.

XML structure

```
<Tracert>
  <IPv4Tracert>
    <TracertTest>
      <Host></Host>
      <VRF></VRF>
    </TracertTest>
  </IPv4Tracert>
</Tracert>
```

Responded XML structure

```
<Tracert>
  <IPv4Tracert>
    <TracertTest>
      <Host></Host>
      <PayloadLength></PayloadLength>
      <Hops></Hops>
      <TracertReply>
        <Sequence></Sequence>
        <PassthroughRouter></PassthroughRouter>
        <ReplyTime></ReplyTime>
      </TracertReply>
      <TestResult></TestResult>
    </TracertTest>
  </IPv4Tracert>
</Tracert>
```

Table description

Item	Description
Feature name	Tracert
Table name	IPv4Tracert
Table type	Multi-instance table
Row name	TracertTest

Restrictions	None
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Columns

Column name	Column description	Column type	Data type and restrictions	Remarks
Host	IPv4 address or hostname of remote system.	Index	String. Length: 1 to 253 characters.	Example: 1.1.1.1 or hostname
VRF	Vrf name.	Index	String. Length: 0 to 31 characters.	An empty string indicates the public network.

Responded columns

Column name	Column description	Column type	Data type and restrictions	Remarks
Host	IPv4 address of remote system.	N/A	String,IPv4 address string.	Example: 1.1.1.1
Hops	The maximum hop limit.	N/A	Unsigned integer. Value range: 1 to 255.	N/A
PayloadLength	The payload length.	N/A	Unsigned integer. Value range: 1 to 4294967295.	N/A
TracertReply	The reply of tracert.	Data structure	Members include: - Sequence. - PassthroughRouter. - ReplyTime.	N/A
Sequence	The Sequence of reply.	N/A	Unsigned integer. Value range: 1 to 4294967295.	N/A
PassthroughRouter	The packet pass through router	N/A	String,IPv4 address string.	Example: 1.1.1.1.
ReplyTime	The time of reply.	N/A	Unsigned integer. Value range: 0 to 4294967295. Unit: microsecond.	If value is 4294967295, it means that time out.
TestResult	The test result.	N/A	Boolean: - true—Test success. - false—Test fail.	The timeout to wait for total reply is about 25 seconds.