

Comware V7 Ping6 NETCONF XML API Action Reference

Revision Record

Date	Revision Version	Change Description	Author
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Ping6

Ping6/IPv6Ping

This table is used to test the specified IPv6 address of the device is reachable.

XML structure

```
<Ping6>
  <IPv6Ping>
    <PingTest>
      <Host></Host>
      <VRF></VRF>
    </PingTest>
  </IPv6Ping>
</Ping6>
```

Responded XML structure

```
<Ping6>
  <IPv6Ping>
    <PingTest>
      <Host></Host>
      <SrcAddr></SrcAddr>
      <PayloadLength></PayloadLength>
      <EchoReply>
        <IcmpSequence></IcmpSequence>
        <HopLimitValue></HopLimitValue>
        <ReplyTime></ReplyTime>
      </EchoReply>
      <TotalTransmitPacket></TotalTransmitPacket>
      <TotalReceivePacket></TotalReceivePacket>
      <LossRate></LossRate>
      <MinReplyTime></MinReplyTime>
      <MaxReplyTime></MaxReplyTime>
      <AvgReplyTime></AvgReplyTime>
      <StandardDeviation></StandardDeviation>
    </PingTest>
  </IPv6Ping>
</Ping6>
```

Table description

Item	Description
Feature name	Ping6
Table name	IPv6Ping
Table type	Multi-instance table
Row name	PingTest
Restrictions	None

Columns

Column name	Column description	Column type	Data type and restrictions	Remarks
Host	IPv6 address or hostname of remote system.	Index	String. Length: 1 to 253 characters.	Example: 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	IPv6 address of remote system.	N/A	String, IPv6 address string.	Example: 1::1.
SrcAddr	IPv6 source address.	N/A	String, IPv6 address string.	Example: 1::1.
PayloadLength	The payload length.	N/A	Unsigned integer. Value range: 20 to 8100.	N/A
EchoReply	The info of echo reply.	Data structure	Members include: • IcmpSequence. • HopLimitValue. • ReplyTime.	N/A
IcmpSequence	The Sequence of echo reply.	N/A	Unsigned integer. Value range: 1 to 4294967295.	N/A
HopLimitValue	The hop limit value of echo reply.	N/A	Unsigned integer. Value range: 1 to 255.	N/A
ReplyTime	The time of echo	N/A	Unsigned integer.	If value is

Column name	Column description	Column type	Data type and restrictions	Remarks
	reply.		Value range: 0 to 4294967295. Unit: microsecond.	4294967295, it means that time out.
TotalTransmitPacket	The total numbers of transmit echo packets.	N/A	Unsigned integer. Value range: 1 to 4294967295.	N/A
TotalReceivePacket	The total numbers of receive echo packets.	N/A	Unsigned integer. Value range: 1 to 4294967295.	N/A
LossRate	Loss packet Rate	N/A	Unsigned integer. Value range: 0 to 100.	N/A
MinReplyTime	The min microsecond time of echo reply.	N/A	Unsigned integer. Value range: 0 to 4294967295. Unit: microsecond.	If LossRate is 100, the value is meaningless.
MaxReplyTime	The max time of echo reply.	N/A	Unsigned integer. Value range: 0 to 4294967295. Unit: microsecond.	If LossRate is 100, the value is meaningless.
AvgReplyTime	The average time of echo reply.	N/A	Unsigned integer. Value range: 0 to 4294967295. Unit: microsecond.	If LossRate is 100, the value is meaningless.
StandardDeviation	The standard deviation time of echo reply.	N/A	Unsigned integer. Value range: 0 to 4294967295. Unit: microsecond.	If LossRate is 100, the value is meaningless.