

Chapter 16

Interpret the Enterprise-Specific Ping MIB

The ping MIB extends the standard Ping MIB control table (RFC 2925). Items in this MIB are created when entries are created in the pingCtlTable of the ping MIB. Each item is indexed exactly as it is in the ping MIB.

To view a complete copy of the enterprise-specific extensions to the ping MIB, see www.juniper.net/techpubs/software/junos/junos60/swconfig60-net-mgmt/html/mib-jnx-ping.txt. For more information on using the ping MIB and enterprise-specific ping MIB, see “SNMP Remote Operations” on page 35.

jnxPingCtlTable

The enterprise-specific ping MIB structure includes one main object, jnxPingCtlTable. jnxPingCtlTable, whose object identifier is {jnxPingObjects 2}, defines the jnxPing control table for providing enterprise-specific options to the corresponding pingCtlEntry.

jnxPingCtlEntry

Each jnxPingCtlEntry has two indexes identical to those of the corresponding pingCtlEntry. Entries created in pingCtlTable are mirrored here. jnxPingCtlEntry objects are listed in the following table:

Table 45: jnxPingCtlEntry

Object	Object Identifier	Description
jnxCtlOwnerIndex	jnxPingCtlEntry 1	The first index. It is identical to the pingCtlOwnerIndex of the corresponding pingCtlEntry in the pingCtlTable.
jnxPingCtlTestName	jnxPingCtlEntry 2	The other index and is identical to the pingCtlTestName of the corresponding pingCtlEntry in the pingCtlTable.
jnxPingCtlIfName	jnxPingCtlEntry 3	Specifies the name of the outgoing interface for ping probes. This is the name-based complement to pingCtlIfIndex. A zero length string value for this object means that this option is not enabled. The following values can be set simultaneously, but only one value is used. The precedence order is as follows: pingCtlIfIndex (see pingCtlTable in the ping MIB) jnxPingCtlIfName jnxPingCtlRoutingInstanceName
jnxPingCtlRoutingInstanceName	jnxPingCtlEntry 6	Specifies the name of the routing instance used when directing outgoing ping packets. The instance name specified must be configured at the [edit routing-instances] hierarchy level of the JUNOS configuration. The instance-type must be vrf.

