

Chapter 20

Interpret the Enterprise-Specific Source Class Usage MIB

The source class usage (SCU) MIB counts packets sent to customers by performing a lookup on the IP source address and the IP destination address. SCU makes it possible to track traffic originating from specific prefixes on the provider core and destined for specific prefixes on the customer edge.

The SCU MIB is an object of the `jnxMibs` branch of the enterprise-specific MIB `{enterprise 2636}` and has an object identifier of `{jnxMIB 16}`. The SCU MIB includes one object, `jnxScuStats`, which has an object identifier of `{jnxScu 1}`. For information about configuring source and destination class usage, see the *JUNOS Internet Software Configuration Guide: Policy Framework* and *JUNOS Internet Software Configuration Guide: Interfaces and Class of Service*. For a downloadable version of this MIB, see www.juniper.net/techpubs/software/junos/junos60/swconfig60-net-mgmt/html/mib-jnx-scu.txt.

This chapter discusses the following topic:

`jnxScuStatsTable` on page 227

`jnxScuStatsTable`

The entries in the `jnxScuStatsTable`, whose object identifier is `{jnxScuStats 1}`, are represented by `jnxScuStatsEntry`, whose object identifier is `{jnxScuStatsTable 1}`, and are listed in the following table:

Table 49: `jnxScuStatsEntry`

Object	Object Identifier	Description
<code>jnxScuStatsDstIfIndex</code>	<code>jnxScuStatsEntry 1</code>	The destination interface index, which is the egress interface of traffic that is counted by this table entry.
<code>jnxScuStatsAddrFamily</code>	<code>jnxScuStatsEntry 2</code>	The address family of an entry's traffic in IPv4 format.
<code>jnxScuStatsClassName</code>	<code>jnxScuStatsEntry 3</code>	The name of the source class. All traffic counted in this table entry satisfies the requirements defined by this source class.

Object	Object Identifier	Description
jnxScuStatsPackets	jnxScuStatsEntry 4	The number of packets sent out of jnxScuStatsDstIfIndex that match the source class (jnxScuStatsClassName) and the address type (jnxScuStatsAddrFamily) defined for a table entry.
jnxScuStatsBytes	jnxScuStatsEntry 5	The number of bytes sent out of jnxScuStatsDstIfIndex that match the source class (jnxScuStatsClassName) and the address type (jnxScuStatsAddrFamily) defined for a table entry.
jnxScuStatsCIName	jnxScuStatsEntry 6	The name of the source class. This object is a duplicate of jnxScuStatsClassName and is included to satisfy those network management applications that cannot extract the class name from the instance portion of the OID.