

Chapter 28

Interpreting the Enterprise-Specific Ethernet MAC MIB

The Ethernet media access control (MAC) MIB, whose object identifier is {jnxMibs 23}, monitors media access control statistics on Gigabit Ethernet intelligent queuing (IQ) interfaces. For a downloadable version of this MIB, see www.juniper.net/techpubs/software/junos/junos71/swconfig71-net-mgmt/html/mib-jnx-mac.txt.

This chapter discusses the following topic:

jnxMacStatsTable on page 331

jnxMacStatsTable

The jnxMacStatsTable contains a list of MAC statistics for Gigabit Ethernet interfaces.

jnxMacStatsEntry

jnxMacStatsEntry has six objects, which are listed in Table 60.

Table 60: jnxMacStatsTable

Object	Object Identifier	Description
jnxVlanIndex	jnxMacStatsEntry 1	The virtual LAN (VLAN) ID of a VLAN.
jnxSourceMacAddress	jnxMacStatsEntry 2	The source MAC address.
jnxMacHCInOctets	jnxMacStatsEntry 3	The number of total octets received in this VLAN/MAC address.
jnxMacHCInFrames	jnxMacStatsEntry 4	The number of total frames received in this VLAN/MAC address.
jnxMacHCOctets	jnxMacStatsEntry 5	The number of total octets transmitted in this VLAN/MAC address.
jnxMacHCOutFrames	jnxMacStatsEntry 6	The number of total frames transmitted in this VLAN/MAC address.

