

Chapter 27

Interpret the Enterprise-Specific Ethernet MAC MIB

The Ethernet MAC MIB, whose object identifier is {jnxMibs 23}, monitors media access control statistics on Gigabit Ethernet QPP interfaces. For a downloadable version of this MIB, see www.juniper.net/techpubs/software/junos/junos62/swconfig62-net-mgmt/html/mib-jnx-mac.txt.

This chapter discusses the following topic:

jnxMacStatsTable on page 315

jnxMacStatsTable

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

jnxMacStatsEntry

jnxMacStatsEntry has six objects, which are listed in Table 58.

Table 58: jnxMacStatsTable

Object	Object Identifier	Description
jnxVlanIndex	jnxMacStatsEntry 1	The 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.
jnxMacHCOFrames	jnxMacStatsEntry 6	The number of total frames transmitted in this VLAN/MAC address.

