

Chapter 31

Interpreting the Enterprise-Specific BGP4 V2 MIB

The enterprise-specific Border Gateway Protocol version 4 (BGP4) V2 MIB, whose object identifier is {jnxBgpM2Experiment 1}, contains objects used to monitor BGP peer-received prefix counters. It is based upon similar objects in the MIB documented in *Definitions of Managed Objects for the Fourth Version of Border Gateway Protocol (BGP-4), Second Version*, Internet draft draft-ietf-idr-bgp4-mibv2-03.txt. For a downloadable version of this MIB, see www.juniper.net/techpubs/software/junos/junos71/swconfig71-net-mgmt/html/mib-jnx-bgpmib2.txt.



NOTE: For the BGP4 V2 MIB, the JUNOS software supports only the following objects: jnxBgpM2PrefixInPrefixes, jnxBgpM2PrefixInPrefixesAccepted, and jnxBgpM2PrefixInPrefixesRejected.

This chapter discusses the following topic:

jnxBgpM2PrefixCountersTable on page 352

jnxBgpM2PrefixCountersTable

jnxBgpM2PrefixCountersTable contains counters associated with a BGP peer.

JnxBgpM2PrefixCountersEntry

jnxBgpM2PrefixCountersEntry contains information about the prefix counters of a BGP peer, and the objects listed in Table 69.

Table 69: jnxVpnInfo

Object	Object Identifier	Description
jnxBgpM2PrefixInPrefixes	jnxBgpM2PrefixCountersEntry 7	The total number of prefixes received from a peer.
jnxBgpM2PrefixInPrefixesAccepted	jnxBgpM2PrefixCountersEntry 8	The total number of prefixes received from a peer that are eligible to be active in the routing table.
jnxBgpM2PrefixInPrefixesRejected	jnxBgpM2PrefixCountersEntry 9	The total number of prefixes received from a peer that are not eligible to be active in the routing table.