

## Chapter 23

# Interpreting the Enterprise-Specific Reverse-Path-Forwarding MIB

The reverse-path-forwarding MIB monitors statistics for traffic that is rejected because of reverse-path-forwarding (RPF) processing. The reverse-path-forwarding MIB includes one main object, `jnxRpfStats`, with an object identifier of `{jnxRpf 1}`. For a downloadable version of this MIB, see [www.juniper.net/techpubs/software/junos/junos71/swconfig71-net-mgmt/html/mib-jnx-rpf.txt](http://www.juniper.net/techpubs/software/junos/junos71/swconfig71-net-mgmt/html/mib-jnx-rpf.txt).

This chapter discusses the following topic:

`jnxRpfStatsTable` on page 313

## `jnxRpfStatsTable`

---

The `jnxRpfStatsTable`, whose object identifier is `{jnxRpfStats 1}`, provides a list of RPF entries in table format.

## *`jnxRpfStatsEntry`*

The `jnxRpfStatsEntry`, whose object identifier is `{jnxRpfStatsTable 1}`, has four objects, which are listed in Table 51.

**Table 51: `jnxRpfStatsEntry`**

Object	Object Identifier	Description
<code>jnxRpfStatsIfIndex</code>	<code>jnxRpfStatsEntry 1</code>	The ingress interface for traffic that is counted in an RpfStats entry.
<code>jnxRpfStatsAddrFamily</code>	<code>jnxRpfStatsEntry 2</code>	The address family of an entry's traffic, which can be in IPv4 or IPv6 format
<code>jnxRpfStatsPackets</code>	<code>jnxRpfStatsEntry 3</code>	The number of packets received on this interface, belonging to this address family, that have been rejected due to RPF processing.
<code>jnxRpfStatsBytes</code>	<code>jnxRpfStatsEntry 4</code>	The number of bytes received on this interface, belonging to this address family, that have been rejected due to RPF processing.

