

## Monitoring RIP Routing Information

**Purpose** Use the monitoring functionality to monitor RIP routing.

**Action** To view RIP routing information in the J-Web interface, select **Monitor > Routing > RIP Routing**.

To view RIP routing information in the CLI, enter the following CLI commands:

- show rip statistics
- show rip neighbor

**Meaning** Table 1 summarizes key output fields in the RIP routing display.

**Table 1: Summary of Key RIP Routing Output Fields**

Field	Values	Additional Information
<b>RIP Statistics</b>		
RIP Protocol Name	The RIP protocol name.	
RIP Port	The port on which RIP is enabled.	
Hold Down	The interval during which routes are neither advertised nor updated.	
Routes Learned	Number of RIP routes learned on the logical interface.	
Routes Held Down	Number of RIP routes that are not advertised or updated during hold-down.	
Requests Dropped	Number of requests dropped.	
Responses Dropped	Number of responses dropped.	
<b>RIP Neighbors</b>		
Neighbor	Name of the RIP neighbor.	This value is the name of the interface on which RIP is enabled. Click the name to see the details for this neighbor.
State	State of the RIP connection: Up or Dn (Down).	
Source Address	Local source address.	This value is the configured address of the interface on which RIP is enabled.
Destination Address	Destination address.	This value is the configured address of the immediate RIP adjacency.
Send Mode	The mode of sending RIP messages.	

**Table 1: Summary of Key RIP Routing Output Fields** *(continued)*

Field	Values	Additional Information
Receive Mode	The mode in which messages are received.	
In Metric	Value of the incoming metric configured for the RIP neighbor.	

- Related Topics**
- Configuring a RIP Network (J-Web Procedure)
  - Layer 3 Protocols Supported on EX-series Switches