



Cisco IOS Flexible NetFlow Features Roadmap

First Published: June 19, 2006

Last Updated: November 20, 2009

This feature roadmap lists the Cisco IOS features documented in the *Cisco IOS Flexible NetFlow Configuration Guide* and maps them to the documents in which they appear. The roadmap is organized so that you can select your release train and see the features in that release. Find the feature name you are searching for and click on the URL in the “Where Documented” column to access the document containing that feature.

Feature and Release Support

Table 1 lists *Flexible NetFlow* feature support for the following Cisco IOS software release trains:

- [Cisco IOS Release 12.2SB](#)
- [Cisco IOS Release 12.2SR](#)
- [Cisco IOS Release 12.4T](#)
- [Cisco IOS Release 15.0\(1\)M](#)

Use Cisco Feature Navigator to find information about platform support and software image support. Cisco Feature Navigator enables you to determine which Cisco IOS and Catalyst OS software images support a specific software release, feature set, or platform. To access Cisco Feature Navigator, go to <http://www.cisco.com/go/cfn>. An account on Cisco.com is not required.



Note

Table 1 lists only the Cisco IOS software release that introduced support for a given feature in a given Cisco IOS software release train. Unless noted otherwise, subsequent releases of that Cisco IOS software release train also support that feature.



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Table 1 lists the most recent release of each software train first and the features in alphabetical order within the release.

Table 1 Supported Cisco IOS Flexible NetFlow Features

Release	Feature Name	Feature Description	Where Documented
Cisco IOS Release 12.2SB			
12.2(31)SB2	Flexible NetFlow	Flexible NetFlow was integrated into Cisco IOS Release 12.2(31)SB2.	<p>“Cisco IOS Flexible NetFlow Overview”</p> <p>“Getting Started with Configuring Cisco IOS Flexible NetFlow”</p> <p>“Configuring Cisco IOS Flexible NetFlow with Predefined Records”</p> <p>“Customizing Cisco IOS Flexible NetFlow Flow Records and Flow Monitors”</p> <p>“Configuring Data Export for Cisco IOS Flexible NetFlow with Flow Exporters”</p> <p>“Using Cisco IOS Flexible NetFlow Flow Sampling to Reduce the CPU Overhead of Analyzing Traffic”</p>
Cisco IOS Release 12.2SR			
12.2SR	Flexible NetFlow	<p>Support for Flexible NetFlow on Cisco 7200 series routers was added in Cisco IOS Release 12.2(33)SRC.</p> <p>Support for Flexible NetFlow on Cisco 7300 NPE series routers was added in Cisco IOS Release 12.2(33)SRE.</p>	<p>“Cisco IOS Flexible NetFlow Overview”</p> <p>“Getting Started with Configuring Cisco IOS Flexible NetFlow”</p> <p>“Configuring Cisco IOS Flexible NetFlow with Predefined Records”</p> <p>“Customizing Cisco IOS Flexible NetFlow Flow Records and Flow Monitors”</p> <p>“Configuring Data Export for Cisco IOS Flexible NetFlow with Flow Exporters”</p> <p>“Using Cisco IOS Flexible NetFlow Flow Sampling to Reduce the CPU Overhead of Analyzing Traffic”</p>

Table 1 Supported Cisco IOS Flexible NetFlow Features (continued)

Release	Feature Name	Feature Description	Where Documented
12.2SR	Flexible NetFlow—IPv4 Unicast Flows	Support for IPv4 traffic was added for Cisco 7200 series routers in Cisco IOS Release 12.2(33)SRC. Support for IPv4 traffic was added for Cisco 7300 NPE series routers in Cisco IOS Release 12.2(33)SRE.	“Cisco IOS Flexible NetFlow Overview” “Getting Started with Configuring Cisco IOS Flexible NetFlow” “Configuring Cisco IOS Flexible NetFlow with Predefined Records” “Customizing Cisco IOS Flexible NetFlow Flow Records and Flow Monitors” “Configuring Data Export for Cisco IOS Flexible NetFlow with Flow Exporters” “Using Cisco IOS Flexible NetFlow Flow Sampling to Reduce the CPU Overhead of Analyzing Traffic”
12.2(33)SRE	Flexible NetFlow—IPv4 Multicast Statistics Support	The capability of reporting the number of replicated bytes and the number of replicated packets in multicast flows. Support for this feature was added for Cisco 7200 and 7300 NPE series routers.	“Configuring IPv4 Multicast Statistics Support for Cisco IOS Flexible NetFlow”
12.2(33)SRE	Flexible NetFlow—NetFlow V5 export protocol	Support for sending export packets using the Version 5 export protocol was added for Cisco 7200 and 7300 NPE series routers.	“Configuring Data Export for Cisco IOS Flexible NetFlow with Flow Exporters”
12.2(33)SRE	Flexible NetFlow—Layer 2 Fields	Support for collecting statistics for Layer 2 fields such as MAC addresses and virtual LAN (VLAN) IDs from traffic was added for Cisco 7200 and 7300 NPE series routers.	“Customizing Cisco IOS Flexible NetFlow Flow Records and Flow Monitors”
12.2(33)SRE	Flexible NetFlow—MPLS Egress NetFlow	Support for capturing IP flow information for packets undergoing MPLS label disposition; that is, packets that arrive on a router as MPLS packets and are transmitted as IP packets. Support for this feature was added for Cisco 7200 and 7300 NPE series routers.	“Getting Started with Configuring Cisco IOS Flexible NetFlow”
12.2(33)SRE	Flexible NetFlow—Top N Talkers Support	Support for analyzing the large amount of data Flexible NetFlow captures from the traffic in a network by providing the ability to filter, aggregate, and sort the data in the Flexible NetFlow cache as it is displayed was added for Cisco 7200 and 7300 NPE series routers.	“Using Cisco IOS Flexible NetFlow Top N Talkers to Analyze Network Traffic”

Table 1 Supported Cisco IOS Flexible NetFlow Features (continued)

Release	Feature Name	Feature Description	Where Documented
12.2(33)SRE	Flexible NetFlow—IPv6 Unicast Flows	Support for IPv6 traffic was added for Cisco 7200 and 7300 NPE series routers.	“Cisco IOS Flexible NetFlow Overview” “Getting Started with Configuring Cisco IOS Flexible NetFlow” “Configuring Cisco IOS Flexible NetFlow with Predefined Records” “Customizing Cisco IOS Flexible NetFlow Flow Records and Flow Monitors” “Configuring Data Export for Cisco IOS Flexible NetFlow with Flow Exporters” “Using Cisco IOS Flexible NetFlow Flow Sampling to Reduce the CPU Overhead of Analyzing Traffic”
12.2(33)SRE	Flexible NetFlow—NetFlow v9 Export Format	Support for sending export packets using the Version 9 export protocol was added for Cisco 7200 and 7300 NPE series routers.	“Configuring Data Export for Cisco IOS Flexible NetFlow with Flow Exporters”
12.2(33)SRE	Flexible NetFlow—Ingress VRF Support	The capability of collecting the virtual route forwarding (VRF) ID from incoming packets on a router was added for Cisco 7200 and 7300 NPE series routers.	“Customizing Cisco IOS Flexible NetFlow Flow Records and Flow Monitors”
Cisco IOS Release 12.4T			
12.4(22)T	Flexible NetFlow—IPv4 Multicast Statistics Support	The capability of reporting the number of replicated bytes and the number of replicated packets in multicast flows was added.	“Configuring IPv4 Multicast Statistics Support for Cisco IOS Flexible NetFlow”
12.4(22)T	Flexible NetFlow—NetFlow V5 export protocol	Support for sending export packets using the Version 5 export protocol was added.	“Configuring Data Export for Cisco IOS Flexible NetFlow with Flow Exporters”
12.4(22)T	Flexible NetFlow—Layer 2 Fields	Support for collecting statistics for Layer 2 fields such as MAC addresses and virtual LAN (VLAN) IDs from traffic was added.	“Customizing Cisco IOS Flexible NetFlow Flow Records and Flow Monitors”
12.4(22)T	Flexible NetFlow—MPLS Egress NetFlow	Support for capturing IP flow information for packets undergoing MPLS label disposition; that is, packets that arrive on a router as MPLS packets and are transmitted as IP packets.	“Getting Started with Configuring Cisco IOS Flexible NetFlow”
12.4(22)T	Flexible NetFlow—Top N Talkers Support	Support for analyzing the large amount of data Flexible NetFlow captures from the traffic in a network by providing the ability to filter, aggregate, and sort the data in the Flexible NetFlow cache as it is displayed was added.	“Using Cisco IOS Flexible NetFlow Top N Talkers to Analyze Network Traffic”

Table 1 Supported Cisco IOS Flexible NetFlow Features (continued)

Release	Feature Name	Feature Description	Where Documented
12.4(20)T	Flexible NetFlow—IPv6 Unicast Flows	Support for IPv6 traffic was added.	<p>“Cisco IOS Flexible NetFlow Overview”</p> <p>“Getting Started with Configuring Cisco IOS Flexible NetFlow”</p> <p>“Configuring Cisco IOS Flexible NetFlow with Predefined Records”</p> <p>“Customizing Cisco IOS Flexible NetFlow Flow Records and Flow Monitors”</p> <p>“Configuring Data Export for Cisco IOS Flexible NetFlow with Flow Exporters”</p> <p>“Using Cisco IOS Flexible NetFlow Flow Sampling to Reduce the CPU Overhead of Analyzing Traffic”</p>
	Flexible NetFlow—Output Features on Data Export	Support for data export using the Cisco IOS feature path was added.	<p>“Configuring Data Export for Cisco IOS Flexible NetFlow with Flow Exporters”</p>
12.4(9)T	Flexible NetFlow	Flexible NetFlow is introduced.	<p>“Cisco IOS Flexible NetFlow Overview”</p> <p>“Getting Started with Configuring Cisco IOS Flexible NetFlow”</p> <p>“Configuring Cisco IOS Flexible NetFlow with Predefined Records”</p> <p>“Customizing Cisco IOS Flexible NetFlow Flow Records and Flow Monitors”</p> <p>“Configuring Data Export for Cisco IOS Flexible NetFlow with Flow Exporters”</p> <p>“Using Cisco IOS Flexible NetFlow Flow Sampling to Reduce the CPU Overhead of Analyzing Traffic”</p>
Cisco IOS Release 15.0(1)M			
15.0(1)M	Flexible NetFlow—Ingress VRF Support	The capability of collecting the virtual route forwarding (VRF) ID from incoming packets on a router was added.	<p>“Customizing Cisco IOS Flexible NetFlow Flow Records and Flow Monitors”</p>

Table 1 Supported Cisco IOS Flexible NetFlow Features (continued)

Release	Feature Name	Feature Description	Where Documented
15.0(1)M	Flexible NetFlow—NBAR Application Recognition	The capability of collecting the application name from packets on a router was added.	“Customizing Cisco IOS Flexible NetFlow Flow Records and Flow Monitors”

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