



Header-Compression Features Roadmap

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This feature roadmap lists the Cisco IOS features related to header-compression documented in the *Cisco IOS Quality of Service Solutions 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 header-compression feature support for the following Cisco IOS software release trains:

- [Cisco IOS Releases 12.4T](#)
- [Cisco IOS Releases 12.2T, 12.3, and 12.3T](#)

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.

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



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Table 1 Supported Header-Compression Features

Release	Feature Name	Feature Description	Where Documented
Cisco IOS Releases 12.4T			
12.4(9)T	IPHC Profiles	<p>The IPHC Profiles feature simplifies the way header compression is enabled on your network.</p> <p>IPHC profiles allow you to enable header compression and configure the related options in a profile (a kind of template file). Once you've created the IPHC profile, you can then apply (attach) the profile to one or more interfaces, subinterfaces, or Frame Relay permanent virtual circuits (PVCs) in your network.</p>	<p>“Header Compression”</p> <p>“Configuring Header Compression Using IPHC Profiles”</p>
Cisco IOS Releases 12.2T, 12.3, and 12.3T			
12.3(11)T	Enhanced CRTP for Links with High Delay, Packet Loss, and Reordering	The Enhanced Compressed Real-Time Transport Protocol (ECRTP) for Links with High Delay, Packet Loss, and Reordering feature includes modifications and enhancements to CRTP to achieve robust operation over unreliable point-to-point links. This is accomplished by repeating updates and sending absolute (uncompressed) values in addition to delta values for selected context parameters.	<p>“Header Compression”</p> <p>“Configuring RTP Header Compression”</p>
12.3(2)T	RTP Header Compression over Satellite Links	The RTP Header Compression over Satellite Links feature allows customers to use Real-Time Transport Protocol (RTP) header compression over an asymmetric link (such as a satellite link), where the uplink and downlink connections are on separate interfaces. This feature provides improved system performance by reducing network overhead and speeding up transmission of RTP packets.	<p>“Header Compression”</p> <p>“Configuring RTP Header Compression”</p>
12.2(13)T	Class-Based RTP and TCP Header Compression	This feature allows you to configure Real-Time Transport Protocol (RTP) or Transmission Control Protocol (TCP) header compression on a per-class basis, when a class is configured within a policy map. Policy maps are created using the Modular Quality of Service (QoS) Command-Line Interface (CLI) (MQC).	<p>“Header Compression”</p> <p>“Configuring Class-Based RTP and TCP Header Compression”</p>

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