Reducing Latency and Jitter Using Multilink PPP Roadmap

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This feature roadmap lists the Cisco IOS features related to Multilink PPP (for reducing latency and jitter) 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 Multilink PPP feature support (as it relates to reducing latency and jitter) for the following Cisco IOS software release trains:

- Cisco IOS Releases 12.2T, 12.3, and 12.3T
- Cisco IOS Release 12.2S

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 Multilink PPP-Related Features

Release	Feature Name	Feature Description	Where Documented
Cisco IOS Releases 12.2T, 12.3, and 12.3T			
12.2(8)T	Distributed Link Fragmentation and Interleaving Over Leased Lines	The Distributed Link Fragmentation and Interleaving over Leased Lines feature extends distributed link fragmentation and interleaving functionality to leased lines. This feature was extensively rewritten from the perspective of using Multilink PPP for link fragmentation and interleaving over ATM, Frame Relay, serial, and dialer interface links.	Using Multilink PPP over ATM Links Using Multilink PPP over Frame Relay Using Multilink PPP over Serial Interface Links Using Multilink PPP over Dialer Interface Links
12.2(4)T	Distributed Link Fragmentation and Interleaving for Frame Relay and ATM Interfaces on Cisco 7500 Series Routers	The Distributed Link Fragmentation and Interleaving (dLFI) for Frame Relay and ATM Interfaces on Cisco 7500 Series Routers feature extends link fragmentation and interleaving functionality to versatile interface processor (VIP)-enabled Cisco 7500 series routers. This feature was extensively rewritten from the perspective of using Multilink PPP for link fragmentation and interleaving over ATM, Frame Relay, serial, and dialer interface links.	Using Multilink PPP over ATM Links Using Multilink PPP over Frame Relay Using Multilink PPP over Serial Interface Links Using Multilink PPP over Dialer Interface Links
Cisco IOS Release 12.2S			
12.2(25)S	MLP LFI over ATM Configuration Scaling	The MLP LFI over ATM Configuration Scaling feature supports the transport of real-time (voice) and non-real-time (data) traffic on lower-speed Frame Relay and ATM permanent virtual circuits (PVCs) without causing excessive delay of real-time traffic.	Using Multilink PPP over ATM Links