

A new Request for Comments is now available in online RFC libraries.

[RFC 3472](#)

Title: Generalized Multi-Protocol Label Switching (GMPLS)  
Signaling Constraint-based Routed Label  
Distribution Protocol (CR-LDP) Extensions  
Author(s): P. Ashwood-Smith, L. Berger, Editors  
Status: Standards Track  
Date: January 2003  
Mailbox: petera@nortelnetworks.com, lberger@movaz.com  
Pages: 23  
Characters: 49006  
Updates/Obsoletes/SeeAlso: None

I-D Tag: [draft-ietf-mpls-generalized-cr-ldp-07.txt](#)

URL: <ftp://ftp.rfc-editor.org/in-notes/rfc3472.txt>

This document describes extensions to Multi-Protocol Label Switching (MPLS) Constraint-based Routed Label Distribution Protocol (CR-LDP) signaling required to support Generalized MPLS. Generalized MPLS extends the MPLS control plane to encompass time-division (e.g., Synchronous Optical Network and Synchronous Digital Hierarchy, SONET/SDH), wavelength (optical lambdas) and spatial switching (e.g., incoming port or fiber to outgoing port or fiber). This document presents a CR-LDP specific description of the extensions. A generic functional description can be found in separate documents.

This document is a product of the Common Control and Measurement Plane (ccamp) Working Group of the IETF.

This is now a Proposed Standard Protocol.

This document specifies an Internet standards track protocol for the Internet community, and requests discussion and suggestions for improvements. Please refer to the current edition of the "Internet Official Protocol Standards" (STD 1) for the standardization state and status of this protocol. Distribution of this memo is unlimited.

This announcement is sent to the IETF list and the RFC-DIST list. Requests to be added to or deleted from the IETF distribution list should be sent to IETF-REQUEST@IETF.ORG. Requests to be added to or deleted from the RFC-DIST distribution list should be sent to RFC-DIST-REQUEST@RFC-EDITOR.ORG.

Details on obtaining RFCs via FTP or EMAIL may be obtained by sending an EMAIL message to rfc-info@RFC-EDITOR.ORG with the message body help: ways\_to\_get\_rfc. For example:

To: rfc-info@RFC-EDITOR.ORG  
Subject: getting rfcs

help: ways\_to\_get\_rfcs

Requests for special distribution should be addressed to either the author of the RFC in question, or to RFC-Manager@RFC-EDITOR.ORG. Unless specifically noted otherwise on the RFC itself, all RFCs are for unlimited distribution.echo

Submissions for Requests for Comments should be sent to RFC-EDITOR@RFC-EDITOR.ORG. Please consult [RFC 2223](#), Instructions to RFC Authors, for further information.