

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

[RFC 3214](#)

Title: LSP Modification Using CR-LDP
Author(s): J. Ash, Y. Lee, P. Ashwood-Smith, B. Jamoussi,
D. Fedyk, D. Skalecki, L. Li
Status: Standards Track
Date: January 2002
Mailbox: gash@att.com, jamoussi@NortelNetworks.com,
petera@NortelNetworks.com,
dareks@nortelnetworks.com,
ylee@ceterusnetworks.com,
lili@ss8networks.com, dwfedyk@nortelnetworks.com
Pages: 11
Characters: 25453
Updates/Obsoletes/SeeAlso: NONE

I-D Tag: [draft-ietf-mpls-crlsp-modify-03.txt](#)

URL: <ftp://ftp.rfc-editor.org/in-notes/rfc3214.txt>

This document presents an approach to modify the bandwidth and possibly other parameters of an established CR-LSP (Constraint-based Routed Label Switched Paths) using CR-LDP (Constraint-based Routed Label Distribution Protocol) without service interruption. After a CR-LSP is set up, its bandwidth reservation may need to be changed by the network operator, due to the new requirements for the traffic carried on that CR-LSP. The LSP modification feature can be supported by CR-LDP by use of the `_modify_value` for the `_action` indicator flag_ in the LSPID TLV. This feature has application in dynamic network resources management where traffic of different priorities and service classes is involved.

This document is a product of the Multiprotocol Label Switching 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_rfcs. 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.