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Title: LSP Modification Using CR-LDP
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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.

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