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Title: Generalized Multi-Protocol Label Switching (GMPLS)
Signaling Constraint-based Routed Label
Distribution Protocol (CR-LDP) Extensions
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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.

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