

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

[RFC 3270](#)

Title: Multi-Protocol Label Switching (MPLS) Support of  
Differentiated Services  
Author(s): F. Le Faucheur, L. Wu, B. Davie, S. Davari,  
P. Vaananen, R. Krishnan, P. Cheval, J. Heinanen  
Status: Standards Track  
Date: May 2002  
Mailbox: flefauch@cisco.com, liwwu@cisco.com,  
bsd@cisco.com, davari@ieee.org,  
pasi.vaananen@nokia.com, ram@axiowave.com,  
pierrick.cheval@space.alcatel.fr,  
jh@song.fi  
Pages: 64  
Characters: 137960  
Updates/Obsoletes/SeeAlso: None  
I-D Tag: [draft-ietf-mpls-diff-ext-09.txt](#)  
URL: <ftp://ftp.rfc-editor.org/in-notes/rfc3270.txt>

This document defines a flexible solution for support of  
Differentiated Services (Diff-Serv) over Multi-Protocol Label  
Switching (MPLS) networks.

This solution allows the MPLS network administrator to select how  
Diff-Serv Behavior Aggregates (BAs) are mapped onto Label Switched  
Paths (LSPs) so that he/she can best match the Diff-Serv, Traffic  
Engineering and protection objectives within his/her particular  
network. For instance, this solution allows the network  
administrator to decide whether different sets of BAs are to be  
mapped onto the same LSP or mapped onto separate LSPs.

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.