

IETF RFC 4448 Reference Page

Encapsulation Methods for Transport of Ethernet over MPLS Network

Network Working Group

Request for Comments: 4448

Category: Standards Track

L. Martini, Ed.

E. Rosen

Cisco Systems, Inc.

S. El-Awar

Level 3 Communications, LLC

G. Heron

Tellabs

April 2006

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Status of This Memo

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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Abstract

An Ethernet pseudowire (PW) is used to carry Ethernet/802.3 Protocol Data Units (PDUs) over an MPLS network. This enables service providers to offer "emulated" Ethernet services over existing MPLS networks. This document specifies the encapsulation of Ethernet/802.3 PDUs within a pseudowire. It also specifies the procedures for using a PW to provide a "point-to-point Ethernet" service.

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Standards Track

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This IETF Request For Comments (RFC) provides useful background information on the transport of Carrier Ethernet services over MPLS networks.

Abstract:

" An Ethernet pseudowire (PW) is used to carry Ethernet/802.3 Protocol Data Units (PDUs) over an MPLS network. This enables service providers to offer "emulated" Ethernet services over existing MPLS networks. This document specifies the encapsulation of Ethernet/802.3 PDUs within a pseudowire. It also specifies the procedures for using a PW to provide a "point-to-point Ethernet" service."

More links relating to Ethernet pseudowires over MPLS can be found at the Wikipedia page on this topic.

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Status

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