

Glossary

6PE — IPv6 Provider Edge router. An MPLS IPv4 core network that supports IPv6 domains which communicate over an IES service.

6VPE — IPv6 Provider Edge router with IP-VPN Services. An MPLS IPv4 core network that supports the communication using IPv6 VPRN services.

AA — Application Assurance

AARP — Application Assurance Redundancy Protocol

ARP — Address Resolution Protocol

Bridged CO — Bridged Central Office

B-DA — Backbone destination MAC address

BFD — Bi-Directional Forwarding Detection

BGP — Border Gateway Protocol

BITS — Building Integrated Timing Supply

B-MAC — The backbone source and destination MAC address fields defined in the 802.1ah provider MAC encapsulation header

BMCA — Best Master Clock Algorithm

BNG — Broadband Network Gateway

BSA — Broadband Service Aggregator

BSAN — Broadband Service Access Node

BSM — Basic Subscriber Management

BSR — Broadband Service Router

BTV — Broadcast TV

B-VPLS — Backbone VPLS

CBS — Committed Burst Size

CCM — Continuity Check Messages

CE — Customer premises equipment dedicated to one particular business/enterprise.

CHAP — Challenge-Handshake Authentication Protocol

CIR — Committed Information Rate

C-MAC — Customer MAC

CO — Central Office

CSC-CE — Peering router managed and operated by the Customer Carrier that is connected to CSC-PEs for purposes of using the associated CSC IP VPN services for backbone transport. The CSC-CE may attach directly to CEs if it is also configured to be a PE for business VPN services.

CSC-PE — A PE router managed and operated by the Super Carrier that supports one or more CSC IP VPN services possibly in addition to other traditional PE services.

CSPF — Constraint-Based Shortest Path First

DE — Discard-Eligible

DEI — Drop Eligibility Indicator

DHCP — Dynamic Host Configuration Protocol

DHCPv6 — Dynamic Host Configuration Protocol for IPv6

DSCP — Differentiated Services Code Point

eBGP — External Border Gateway Protocol

Epipe — Ethernet P2P VLL Service

eLER — Egress Label Edge Router

ERO — Explicit Router Object

ESM — Enhanced Subscriber Management

ESMC — Ethernet Synchronization Messaging Channel

FEC — Forwarding Equivalence Class

FPP — Floor Packet Percentage

FRR — Fast Reroute

GMPLS — Generalized Multi-Protocol Label Switching

GNSS — Global Navigation Satellite System

GPS — Global Positioning System (the GNSS operated by the US Government)

iBGP — Interior Border Gateway Protocol

IA-NA — Identity Association for Non-Temporary Addresses Option

IA-PD — Identity Association for Prefix Delegation Option

ICB — Inter-Chassis Backup

ICMP — Internet Control Message Protocol

IES — Internet Enhanced Service

IGP — Interior Gateway Protocol

iLER — Ingress Label Edge Router

IMPM — Ingress Multicast Path Management

IPoE — IP over Ethernet

ITU-T — International Telecommunications Union - Telecommunications

I-VPLS — A field of the backbone service instance tag that identifies the backbone service instance of a frame

LDP FRR — Label Distribution Protocol Fast Re-Route

LDPoRSVP — LDP over RSVP

LSA — Link State Advertisement

LSP — Label Switched Path

LUDB — Local User Data Base

MBB — Make-Before-Break

MBS — Maximum Burst Size

MC-APS — Multi-chassis Automatic Protection Switching

MC-EP — Multi-Chassis Endpoint

MC-LAG — Multi-Chassis Link Aggregation

MEP — Maintenance End Point

MMRP — Multiple MAC Registration Protocol

MP-BGP — Multi-Protocol BGP

MSAP — Managed Service Access Point

MTSO — Mobile Telephony Switching Office

MTU — Multi-Tenant Unit

NAT — Network Address Translation

NH — Next-Hop

NTP — Network Time Protocol

OAM — Operation, Administration and Management

OIL — Outgoing Interface List

OPS — On-Path Support

P2MP — Point-to-Multipoint

PAP — Password authentication protocol

PBB — Provider Backbone Bridging

PBB-Epipe — A combination of the best of the PBB and Epipe

PBB-VPLS — A combination of the best of the PBB and VPLS

PBT — Port Based Timestamping

PDV — Packet Delay Variation

PE — Edge router managed and operated by the “Customer Carrier” that connects to CEs to provide business VPN or Internet services.

PIR — Peak Information Rate

PLR — Point of Local Repair

POP — Points of Presence

PPPoE — Point-to-Point Protocol over Ethernet

PPS — Packets per second

PTP — Precision Time Protocol

QoS — Quality of Service

RADIUS — Remote Authentication Dial In User Service

Routed CO — Routed Central Office

RPF — Reverse Path Forwarding

RR — Route Reflector

RTM — Routing Table Manager

SAP — Service Access Point

SASE — Stand Alone Synchronization Equipment

SDH — Synchronous Digital Hierarchy

SDP — Service Distribution Point

SHCV — Subscriber Host Connectivity Verification

SLA — Service Level Agreement

SONET — Synchronous Optical Network

Spoke-SDP — Spoke Service Distribution Point

SRLG — Shared Risk Link Groups

SSM — Synchronization Status Messages

TCN — Topology Change Notification

TE — Traffic Engineering

TED — Traffic Engineering Database

T-LDP — Targeted LDP

TPSDA — Triple Play Service Delivery Architecture

TTM — Tunnel Table Manager

VLL — Virtual Leased Line

VPLS — Virtual Private LAN Service

VPN-IPv6 — Virtual Private Network address family for IPv6 addressing.

VPRN — Virtual Private Routed Network

VSA — Vendor Specific Attribute

WRED — Weighted Random Early Detection

