

NE40E Standard Reference (V800R008C10)



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Table 1. Standard Reference List for V800R008C10

Feature Name	Document No.	Document Name
IPv6 ND-SEND	RFC 3756	IPv6 Neighbor Discovery (ND) Trust Models and Threats
IPv6 ND-SEND	RFC 3971	SEcure Neighbor Discovery (SEND)
IPv6 ND-SEND	RFC 3972	Cryptographically Generated Addresses (CGA)
Link Aggregation	802.1AX	Link Aggregation
Link Aggregation	802.3AX	(IEEE P802.1AX) Link Aggregation Task Force.
IPv4 Security	RFC 6274	Security Assessment of the Internet Protocol Version 4
TCP Security-MD5	RFC 2385	Protection of BGP Sessions via the TCP MD5 Signature Option
DHCP	RFC 1533	DHCP Options and BOOTP Vendor Extensions
DHCP	RFC 2131	Dynamic Host Configuration Protocol
DHCP	RFC 2132	DHCP Options and BOOTP Vendor Extensions
DHCP	RFC 3046	DHCP Relay Agent Information Option.
DHCP	RFC 3646	DNS Configuration options for Dynamic Host Configuration Protocol for IPv6 (DHCPv6)
DHCP	RFC 4580	Dynamic Host Configuration Protocol for IPv6 (DHCPv6) Relay Agent Subscriber-ID Option
DHCP	RFC 4649	Dynamic Host Configuration Protocol for IPv6 (DHCPv6) Relay Agent Remote-ID Option
DHCP	RFC 6221	Lightweight DHCPv6 Relay Agent
AAA	RFC 2903	Generic AAA Architecture
AAA	RFC 2904	AAA Authorization Framework
AAA	RFC 2906	AAA Authorization Requirements
Link LLC	802.2	IEEE Standards for Local Area Networks: Logical Link Control (LLC)

Feature Name	Document No.	Document Name
IPv6 ND-SLAAC	RFC 4862	IPv6 Stateless Address Auto configuration
ARP	RFC 1027	Using ARP to implement transparent subnet gateways
ARP	RFC 5227	IPv4 Address Conflict Detection
SNMP	RFC 1155	Structure and identification of management information for TCP/IP-based internets
SNMP	RFC 1157	Simple Network Management Protocol (SNMP)
SNMP	RFC 1212	Concise MIB definitions
SNMP	RFC 1214	OSI internet management: Management Information Base
SNMP	RFC 1215	A Convention for Defining Traps for use with the SNMP
SNMP	RFC 1901	Introduction to Community-based SNMPv2
SNMP	RFC 1902	Structure of Management Information for Version 2 of the Simple Network Management Protocol (SNMPv2)
SNMP	RFC 1903	Textual Conventions for Version 2 of the Simple Network Management Protocol (SNMPv2)
SNMP	RFC 1904	Conformance Statements for Version 2 of the Simple Network Management Protocol (SNMPv2)
SNMP	RFC 1905	Protocol Operations for Version 2 of the Simple Network Management Protocol (SNMPv2)
SNMP	RFC 1906	Transport Mappings for Version 2 of the Simple Network Management Protocol (SNMPv2)
SNMP	RFC 1907	Management Information Base for Version 2 of the Simple Network Management Protocol (SNMPv2)
SNMP	RFC 2570	Introduction to Version 3 of the Internet-standard Network Management Framework
SNMP	RFC 2571	An Architecture for Describing SNMP Management Frameworks
SNMP	RFC 2572	Message Processing and Dispatching for the Simple Network Management Protocol (SNMP)
SNMP	RFC 2573	SNMP Applications
SNMP	RFC 2574	User-based Security Model (USM) for version 3 of the Simple Network Management Protocol (SNMPv3)
SNMP	RFC 2575	View-based Access Control Model (VACM) for the Simple Network Management Protocol (SNMP)
SNMP	RFC 2576	Coexistence between Version 1, Version 2, and Version 3 of the Internet-standard Network Management Framework
SNMP	RFC 2578	Structure of Management Information Version 2 (SMIPv2)
SNMP	RFC 2579	Textual Conventions for SMIPv2

Feature Name	Document No.	Document Name
SNMP	RFC 2580	Conformance Statements for SMIv2
SNMP	RFC 3014	Notification Log MIB
SNMP	RFC 3410	Introduction and Applicability Statements for Internet Standard Management Framework
SNMP	RFC 3411	An Architecture for Describing Simple Network Management Protocol (SNMP) Management Frameworks
SNMP	RFC 3412	Message Processing and Dispatching for the Simple Network Management Protocol (SNMP)
SNMP	RFC 3413	Simple Network Management Protocol (SNMP) Applications
SNMP	RFC 3414	User-based Security Model (USM) for version 3 of the Simple Network Management Protocol (SNMPv3)
SNMP	RFC 3415	View-based Access Control Model (VACM) for the Simple Network Management Protocol (SNMP)
SNMP	RFC 3416	Version 2 of the Protocol Operations for the Simple Network Management Protocol (SNMP).
SNMP	RFC 3417	Transport Mappings for the Simple Network Management Protocol (SNMP)
SNMP	RFC 3418	Management Information Base (MIB) for the Simple Network Management Protocol (SNMP).
SNMP	RFC 3512	Configuring Networks and Devices with Simple Network Management Protocol (SNMP).
SNMP	RFC 3584	Coexistence between Version 1, Version 2, and Version 3 of the Internet-standard Network Management Framework
SNMP	RFC 3826	The Advanced Encryption Standard (AES) Cipher Algorithm in the SNMP User-based Security Model
Interface and Data Link	802.3AB	1000BASE-T
Interface and Data Link	802.3AE	10 Gbit/s Ethernet Standard
Interface and Data Link	802.3U	100BASE-TX
Interface and Data Link	802.3X	Flow control and Back pressure
Interface and Data Link	802.3Z	Gigabit fiber
L2_Multicast	DRAFT-IETF-L2VPN-VPLS-MCAST-09	Multicast in VPLS
IPv4 Basic-Broadcast	RFC 0919	Broadcasting Internet Datagrams
IPv4 Basic-Broadcast	RFC 0922	Broadcasting Internet datagrams in the presence of subnets
NQA MPLS-VCCV	RFC 5085	Pseudowire Virtual Circuit Connectivity Verification (VCCV): A Control Channel for Pseudowires

Feature Name	Document No.	Document Name
TPOAM	DRAFT-BHH-MPLS-TP-OAM-Y1731-08	MPLS-TP OAM based on Y.1731
TPOAM	G.8113.1	Operations, Administration and Maintenance mechanism for MPLS-TP in Packet Transport Network (PTN)
TPOAM	Y.1710	Requirements for OAM functionality for MPLS networks
TPOAM	Y.1711	Operation and maintenance mechanism for MPLS networks
IPv6 ND-Basic	RFC 4861	Neighbor Discovery for IP version 6 (IPv6)
IP Common-CongestionControl	RFC 0896	Congestion control in IP/TCP internetworks
IPv4 Address-CIDR	RFC 4632	Classless Inter-domain Routing (CIDR): The Internet Address Assignment and Aggregation Plan
Qos	802.1P	LAN Layer 2 QoS/CoS Protocol for Traffic Prioritization
Qos	RFC 2211	Specification of the Controlled-Load Network Element Service
Qos	RFC 2212	Specification of Guaranteed Quality of Service
Qos	RFC 2309	Recommendations on Queue Management and Congestion Avoidance in the Internet
Qos	RFC 2474	Definition of the Differentiated Services Field (DS Field) in the IPv4 and IPv6 Headers
Qos	RFC 2475	An Architecture for Differentiated Services
Qos	RFC 2597	Assured Forwarding PHB Group
Qos	RFC 2697	A Single Rate Three Color Marker.
Qos	RFC 2698	A Two Rate Three Color Marker
Qos	RFC 3086	Definition of Differentiated Services Per Domain Behaviors and Rules for their Specification
Qos	RFC 3247	Supplemental Information for the New Definition of the EF PHB
Qos	RFC 3260	New Terminology and Clarifications for Diffserv
NGMVPN	DRAFT-IETF-L3VPN-254 7BIS-MCAST-10	Multicast in MPLS/BGP IP VPNs
NGMVPN	DRAFT-IETF-L3VPN-254 7BIS-MCAST-BGP-08	BGP Encodings and Procedures for Multicast in MPLS/BGP IP VPNs
NGMVPN	RFC 6513	Multicast in MPLS/BGP IP VPNs
NGMVPN	RFC 6514	BGP Encodings and Procedures for Multicast in MPLS/BGP IP VPNs
NGMVPN	RFC 6515	IPv4 and IPv6 Infrastructure Addresses in BGP Updates for Multicast VPN
NGMVPN	RFC 6517	Mandatory Features in a Layer 3 Multicast BGP MPLS VPN Solution

Feature Name	Document No.	Document Name
IPv6 ND-RA Extension	RFC 4191	Default Router Preferences and More-Specific Routes
OSPF	DRAFT-IETF-OSPF-2547-DNBIT-04	Down bit in LSA Option for routing loops prevention in RC2547bis
OSPF	DRAFT-IETF-OSPF-CAP-08	Extensions to OSPF for Advertising Optional Router Capabilities
OSPF	DRAFT-IETF-OSPF-CAP-11	Extensions to OSPF for Advertising Optional Router Capabilities
OSPF	DRAFT-IETF-OSPF-HMAC-SHA-00	OSPF HMAC-SHA Cryptographic Authentication
OSPF	DRAFT-IETF-OSPF-IANA-03	IANA Considerations for OSPF
OSPF	DRAFT-IETF-OSPF-RFC2370BIS-00	The OSPF Opaque LSA Option
OSPF	DRAFT-KATZ-YEUNG-OSPF-TRAFFIC-09	Ospf TE support
OSPF	RFC 1131	OSPF specification
OSPF	RFC 1245	OSPF Protocol Analysis
OSPF	RFC 1247	OSPF Version 2
OSPF	RFC 1248	OSPF Version 2 Management Information Base
OSPF	RFC 1252	OSPF Version 2 Management Information Base
OSPF	RFC 1253	OSPF Version 2 Management Information Base
OSPF	RFC 1583	OSPF Version 2
OSPF	RFC 1587	The OSPF NSSA Option
OSPF	RFC 1765	OSPF Database Overflow
OSPF	RFC 1850	OSPF Version 2 Management Information Base
OSPF	RFC 2178	OSPF Version 2
OSPF	RFC 2328	OSPF Version 2
OSPF	RFC 2329	OSPF Standardization Report
OSPF	RFC 2370	The OSPF Opaque LSA Option
OSPF	RFC 3137	OSPF Stub Router Advertisement
OSPF	RFC 3623	Graceful OSPF Restart
OSPF	RFC 3630	Traffic Engineering (TE) Extensions to OSPF Version 2
OSPF	RFC 3906	Calculating Interior Gateway Protocol (IGP) Routes Over Traffic Engineering Tunnels

Feature Name	Document No.	Document Name
OSPF	RFC 4750	OSPF Version 2 Management Information Base
OSPF	RFC 4940	IANA Considerations for OSPF
OSPF	RFC 5250	The OSPF Opaque LSA Option
OSPF	RFC 5709	OSPFv2 HMAC-SHA Cryptographic Authentication
LLDP	802.1AB	Station and Media Access Control Connectivity Discovery
MPLS LDP	DRAFT-DECRAENE-MPLS-LDP-INTERAREA-04	LDP extension for Inter-Area LSP
MPLS LDP	DRAFT-IETF-MPLS-LDP-CAPABILITIES-00	LDP Capabilities
MPLS LDP	DRAFT-IETF-MPLS-LDP-DOD-01	LDP Downstream-on-Demand in Seamless MPLS
MPLS LDP	DRAFT-IETF-MPLS-LDP-DOD-RESTART-00	LDP DoD Graceful Restart
MPLS LDP	DRAFT-IETF-MPLS-LDP-EXPERIENCE-00	Experience with the LDP protocol
MPLS LDP	DRAFT-IETF-MPLS-LDP-INTERAREA	LDP extension for Inter-Area LSP
MPLS LDP	DRAFT-IETF-MPLS-LDP-MIB-14	Definitions of Managed Objects for the Multiprotocol Label Switching, Label Distribution Protocol (LDP)
MPLS LDP	DRAFT-IETF-MPLS-LDP-MTU-EXTENSIONS-00	MTU Signalling Extensions for LDP
MPLS LDP	DRAFT-IETF-MPLS-LDP-SURVEY2002-00	LDP Implementation Survey Results
MPLS LDP	DRAFT-IETF-MPLS-RFC3036BIS-04	LDP Specification
MPLS LDP	DRAFT-JORK-LDP-IGP-SYNC-01	LDP IGP Synchronization
MPLS LDP	DRAFT-SMITH-MPLS-LDP-RESTART-00	Graceful Restart Mechanism for LDP
MPLS LDP	RFC 3036	LDP Specification
MPLS LDP	RFC 3037	LDP Applicability
MPLS LDP	RFC 3215	LDP State Machine
MPLS LDP	RFC 3478	Graceful Restart Mechanism for Label Distribution Protocol
MPLS LDP	RFC 3479	Fault Tolerance for the Label Distribution Protocol (LDP)
MPLS LDP	RFC 3815	Definitions of Managed Objects for the Multiprotocol Label Switching (MPLS), Label Distribution Protocol (LDP)

Feature Name	Document No.	Document Name
MPLS LDP	RFC 3988	Maximum Transmission Unit Signalling Extensions for the Label Distribution Protocol
MPLS LDP	RFC 5036	LDP Specification
MPLS LDP	RFC 5283	LDP Extension for Inter-Area Label Switched Paths (LSPs)
MPLS LDP	RFC 5561	LDP Capabilities
MPLS LDP	RFC 6348	Requirements for Point-to-Multipoint Extensions to the Label Distribution Protocol
MPLS LDP	RFC 6388	Label Distribution Protocol Extensions for Point-to-Multipoint and Multipoint-to-Multipoint Label Switched Paths
TWAMP	RFC 5357	A Two-Way Active Measurement Protocol (TWAMP)
IANA	RFC 5342	IANA Considerations and IETF Protocol Usage for IEEE 802 Parameters
PIM	DRAFT-IETF-PIM-BSR-MIB-01	PIM BSR MIB
PIM	DRAFT-IETF-PIM-IPV6-03	Protocol Independent Multicast Routing in the Internet Protocol Version 6 (IPv6)
PIM	DRAFT-IETF-PIM-MIB-V2-10	PIM MIB
PIM	DRAFT-IETF-PIM-SM-BSR-09	Bootstrap Router (BSR) Mechanism for PIM Sparse Mode
PIM	DRAFT-IETF-PIM-SM-V2-NEW-12	Protocol Independent Multicast - Sparse Mode (PIM-SM)
PIM	DRAFT-IETF-SSM-ARCH-02	Source-Specific Multicast for IP
PIM	DRAFT-IETF-SSM-OVERVIEW-04	Source-Specific Multicast for IP
PIM	RFC 2362	Protocol Independent Multicast-Sparse Mode (PIM-SM):Protocol Specification
PIM	RFC 2934	Protocol Independent Multicast MIB for IPv4
PIM	RFC 3446	Anycast Rendezvous Point (RP) mechanism using Protocol Independent Multicast (PIM) and Multicast Source Discovery Protocol (MSDP)
PIM	RFC 3569	An Overview of Source-Specific Multicast (SSM)
PIM	RFC 3956	Embedding the Rendezvous Point (RP) Address in an IPv6 Multicast Address
PIM	RFC 4601	Protocol Independent Multicast - Sparse Mode (PIM-SM): Protocol Specification (Revised)

Feature Name	Document No.	Document Name
PIM	RFC 4602	Protocol Independent Multicast - Sparse Mode (PIM-SM) IETF Proposed Standard Requirements Analysis
PIM	RFC 4607	Source-Specific Multicast for IP
PIM	RFC 4608	Source-Specific Protocol Independent Multicast in 232/8
PIM	RFC 4609	Protocol Independent Multicast - Sparse Mode (PIM-SM) Multicast Routing Security Issues and Enhancements
PIM	RFC 4610	Anycast-RP Using Protocol Independent Multicast (PIM)
PIM	RFC 5059	Bootstrap Router (BSR) Mechanism for Protocol Independent Multicast (PIM)
PIM	RFC 5060	Protocol Independent Multicast MIB
PIM	RFC 5240	Protocol Independent Multicast (PIM) Bootstrap Router MIB
PIM	RFC 5294	Host Threats to Protocol Independent Multicast (PIM)
PIM	RFC 5796	Authentication and Confidentiality in Protocol Independent Multicast Sparse Mode (PIM-SM) Link-Local Messages
PIM	RFC 7761	Protocol Independent Multicast - Sparse Mode (PIM-SM): Protocol Specification (Revised).
IPv6 Basic-NodeRequirement	RFC 4294	IPv6 Node Requirements
IPv6 Basic-NodeRequirement	RFC 6204	Basic Requirements for IPv6 Customer Edge Routers
IPv6 Basic-NodeRequirement	RFC 6434	IPv6 Node Requirements
IPv6 Basic-NodeRequirement	RFC 6540	IPv6 Support Required for All IP-Capable Nodes
MSDP	RFC 3618	Multicast Source Discovery Protocol (MSDP)
MSDP	RFC 4611	Multicast Source Discovery Protocol (MSDP) Deployment Scenarios
MSDP	RFC 4624	Multicast Source Discovery Protocol (MSDP) MIB
LAN Switching Devices Benchmarking	RFC 2285	Benchmarking Terminology for LAN Switching Devices
IEEE802.1a	802.1A	Overview and Architecture
VLAN	802.1AP	Management Information Base (MIB) definitions for VLAN Bridges
VLAN	802.3AC	VLAN tagging
FTP	RFC 0959	FILE TRANSFER PROTOCOL (FTP)
MLD	DRAFT-IETF-MAGMA-S NOOP-12	Considerations for Internet Group Management Protocol (IGMP)and Multicast Listener Discovery (MLD) Snooping Switches
MLD	RFC 2710	Multicast Listener Discovery (MLD) for IPv6
MLD	RFC 3019	IP Version 6 Management Information Base for The Multicast Listener Discovery Protocol

Feature Name	Document No.	Document Name
MLD	RFC 3810	Multicast Listener Discovery Version 2 (MLDv2) for IPv6
MLD	RFC 4541	Considerations for Internet Group Management Protocol (IGMP) and Multicast Listener Discovery (MLD) Snooping Switches
MLD	RFC 4604	Using Internet Group Management Protocol Version 3 (IGMPv3) and Multicast Listener Discovery Protocol Version 2 (MLDv2) for Source-Specific Multicast
MSTP	802.1Q	IEEE Standard for Local and Metropolitan Area Networks : Virtual Bridged Local Area Networks
MSTP	802.1Q 2005	Local and metropolitan area networks-Virtual Bridged Local Area Networks
MSTP	802.1S	Multiple Spanning Trees
NetStream	RFC 3954	Cisco Systems NetFlow Services Export Version 9
NetStream	RFC 7011	Specification of the IP Flow Information Export (IPFIX) Protocol for the Exchange of Flow Information
NetStream	RFC 7012	Information Model for IP Flow Information Export (IPFIX)
NetStream	RFC 7013	Guidelines for Authors and Reviewers of IP Flow Information Export (IPFIX) Information Elements
NetStream	RFC 7015	Flow Aggregation for the IP Flow Information Export (IPFIX) Protocol
IPv6 Address-Basic	RFC 4007	IPv6 Scoped Address Architecture
IPv6 Address-Basic	RFC 4291	IP Version 6 Addressing Architecture
IPv6 Address-Basic	RFC 5952	A Recommendation for IPv6 Address Text Representation
DNS Basic	RFC 1034	Domain names - concepts and facilities
DNS Basic	RFC 1035	Domain names - implementation and specification
NVO3	RFC 7365	Framework for Data Center (DC) Network Virtualization
NQA	RFC 4560	Definitions of Managed Objects for Remote Ping, Traceroute, and Lookup Operations
RADIUS	RFC 2138	Remote Authentication Dial In User Service (RADIUS)
RADIUS	RFC 2139	RADIUS Accounting
RADIUS	RFC 2809	Implementation of L2TP Compulsory Tunneling via RADIUS
RADIUS	RFC 2865	Remote Authentication Dial In User Service (RADIUS)
RADIUS	RFC 2866	Radius Accounting
RADIUS	RFC 2867	RADIUS Accounting Modifications for Tunnel Protocol Support
RADIUS	RFC 2868	RADIUS Attributes for Tunnel Protocol Support
RADIUS	RFC 2869	RADIUS Extensions

Feature Name	Document No.	Document Name
RADIUS	RFC 3162	RADIUS and IPv6
RADIUS	RFC 3575	IANA Considerations for RADIUS (Remote Authentication Dial In User Service)
RADIUS	RFC 4818	RADIUS Delegated-IPv6-Prefix Attribute
RADIUS	RFC 5176	Dynamic Authorization Extensions to Remote Authentication Dial In User Service (RADIUS)
IPv6 Address-Unicast	RFC 3879	Deprecating Site Local Addresses
Trunk	802.3AD	Port Trunk, LACP
IPv4 Basic-NodeRequirement	RFC 1122	Requirements for Internet Hosts -- Communication Layers
IPv4 Basic-NodeRequirement	RFC 1123	Requirements for Internet Hosts - Application and Support
IPv4 Basic-NodeRequirement	RFC 1812	Requirements for IP Version 4 Routers
IP Common-Security	RFC 2827	Network Ingress Filtering: Defeating Denial of Service Attacks which employ IP Source Address Spoofing
IP Common-Security	RFC 3704	Ingress Filtering for Multihomed Networks
PKI	RFC 5280	Internet X.509 Public Key Infrastructure Certificate and Certificate Revocation List (CRL) Profile
BFD	DRAFT-CHEN-BFD-INTE RFACE-00	Bidirectional Forwarding Detection (BFD) for Interface
BFD	DRAFT-IETF-BFD-BASE-0 9	Bidirectional Forwarding Detection
BFD	DRAFT-IETF-BFD-GENER IC-02	Generic Application of BFD
BFD	DRAFT-IETF-BFD-GENER IC-05	Generic Application of BFD
BFD	DRAFT-IETF-BFD-MPLS- 03	BFD For MPLS LSPs
BFD	DRAFT-IETF-BFD-MULTI HOP-08	BFD for Multihop Paths
BFD	DRAFT-IETF-BFD-MULTI POINT-01	BFD for Multipoint Networks
BFD	DRAFT-IETF-BFD-V4V6- 1HOP-05	BFD for IPv4 and IPv6 (Single Hop)
BFD	RFC 5880	Bidirectional Forwarding Detection
BFD	RFC 5881	Bidirectional Forwarding Detection (BFD) for IPv4 and IPv6 (Single Hop)
BFD	RFC 5882	Generic Application of Bidirectional Forwarding Detection (BFD)

Feature Name	Document No.	Document Name
BFD	RFC 5883	Bidirectional Forwarding Detection (BFD) for Multihop Paths
BFD	RFC 5884	Bidirectional Forwarding Detection (BFD) for MPLS Label Switched Paths (LSPs)
BFD	RFC 7130	Bidirectional Forwarding Detection (BFD) on Link Aggregation Group (LAG) Interfaces
IPv4 Basic	RFC 0791	INTERNET PROTOCOL DARPA INTERNET PROGRAM PROTOCOL SPECIFICATION
IPv4 Basic	RFC 1349	Type of Service in the Internet Protocol Suite
WAN	G.703	Physical/electrical characteristics of hierarchical digital interfaces
WAN	G.704	Synchronous frame structures used at 1544,6312, 2048, 8448 and 44 736 kbit/s hierarchical levels
WAN	G.706	Frame alignment and cyclic redundancy check (CRC) procedures relating to basic frame structures defined in Recommendation G.704
WAN	G.707	Network node interface for the synchronous digital hierarchy (SDH)
Bridges	RFC 1493	Definitions of Managed Objects for Bridges
VRRP	DRAFT-IETF-VRRP-IPV6-SPEC-08	VRRPV3
VRRP	DRAFT-IETF-VRRP-SPEC-08	Virtual Router Redundancy Protocol (VRRP)
VRRP	RFC 2338	Virtual Router Redundancy Protocol
VRRP	RFC 2787	Definitions of Managed Objects for the Virtual Router Redundancy Protocol
VRRP	RFC 3768	Virtual Router Redundancy Protocol (VRRP)
VRRP	RFC 5798	Virtual Router Redundancy Protocol (VRRP) Version 3 for IPv4 and IPv6
IEEE802	802.1F	Common Definitions and Procedures for IEEE802 Management Information
MPLS Basics	DRAFT-IETF-MPLS-FTN-MIB-05	Multiprotocol Label Switching (MPLS) FEC-To-NHLFE (FTN) Management Information Bas
MPLS Basics	DRAFT-IETF-MPLS-LSR-MIB-07	Multiprotocol Label Switching (MPLS) Label Switch Router (LSR) Management Information Base
MPLS Basics	DRAFT-IETF-MPLS-LSR-MIB-08	MPLS Label Switch Router Management Information Base Using SMIv2
MPLS Basics	RFC 3031	Multiprotocol Label Switching Architecture
MPLS Basics	RFC 3035	MPLS using LDP and ATM VC Switching
MPLS Basics	RFC 3270	Multi-Protocol Label Switching (MPLS) Support of Differentiated Services

Feature Name	Document No.	Document Name
MPLS Basics	RFC 3469	Framework for Multi-Protocol Label Switching (MPLS)-based Recovery
MPLS Basics	RFC 3813	Multiprotocol Label Switching (MPLS) Label Switching Router (LSR) Management Information Base (MIB)
MPLS Basics	RFC 3814	Multiprotocol Label Switching (MPLS) Forwarding Equivalence Class To Next Hop Label Forwarding Entry (FEC-To-NHLFE) Management Information Base (MIB)
MPLS Basics	RFC 4023	Encapsulating MPLS in IP or Generic Routing Encapsulation (GRE)
MPLS Basics	RFC 4182	Removing a Restriction on the use of MPLS Explicit NULL
MPLS Basics	RFC 4221	Multiprotocol Label Switching (MPLS) Management Overview
MPLS Basics	RFC 5443	LDP IGP Synchronization
MPLS Basics	RFC 5462	Multiprotocol Label Switching (MPLS) Label Stack Entry: "EXP" Field Renamed to "Traffic Class" Field
MPLS Basics	RFC 6138	LDP IGP Synchronization for Broadcast Networks
MPLS Basics	Y.1370	MPLS layer network architecture
BGP	DRAFT-CHEN-BGP-PREIX-ORF-01	Support ORF Based on Prefix
BGP	DRAFT-IETF-IDR-ADD-PATHS-04	Advertisement of Multiple Paths in BGP
BGP	DRAFT-IETF-IDR-ADD-PATHS-08	Advertisement of Multiple Paths in BGP
BGP	DRAFT-IETF-IDR-AS4BYTES-13	BGP Support for Four-octet AS Number Space
BGP	DRAFT-IETF-IDR-AVOID-TRANSITION-05	Avoid BGP Best Path Transitions from One External to Another
BGP	DRAFT-IETF-IDR-BEST-EXTERNAL	Advertisement of the best external route in BGP
BGP	DRAFT-IETF-IDR-BGP4-MIB-10	BGP Core MIB
BGP	DRAFT-IETF-IDR-BGP-EXT-COMMUNITIES-05	Extended Community Attribute
BGP	DRAFT-IETF-IDR-BGP-PREFIX-ORF-04	Address Prefix Based Outbound Route Filter for BGP-4
BGP	DRAFT-IETF-IDR-CAP-NEG-01	Capabilities Negotiation with BGP4
BGP	DRAFT-IETF-IDR-ERROR-HANDLING-04	Revised Error Handling for BGP UPDATE Messages

Feature Name	Document No.	Document Name
BGP	DRAFT-IETF-IDR-MRAI-DEP-04	Revisions to the BGP 'Minimum Route Advertisement Interval'
BGP	DRAFT-IETF-IDR-RESTART-08	Support Graceful Restart Mechanism for BGP-4
BGP	DRAFT-IETF-IDR-RFC3065BIS-06	Autonomous System Confederations for BGP
BGP	DRAFT-IETF-IDR-ROUTE-FILTER-06	Support Cooperative Route Filtering Capability for BGP-4.
BGP	DRAFT-IETF-MPLS-BGP-MPLS-RESTART-03	Graceful Restart Mechanism for BGP with MPLS
BGP	DRAFT-KATO-BGP-IPV6-LINK-LOCAL-00	BGP4+ Peering Using IPv6 Link-local Address
BGP	DRAFT-MARQUES-IDR-BEST-EXTERNAL-00	Advertisement of the best-external route to IBGP
BGP	DRAFT-RTGWG-BGP-PI-C-00	BGP Prefix Independent Convergence
BGP	RFC 1264	Internet Engineering Task Force Internet Routing Protocol Standardization Criteria
BGP	RFC 1403	BGP OSPF Interaction
BGP	RFC 1655	Application of the Border Gateway Protocol in the Internet
BGP	RFC 1656	BGP-4 Protocol Document Roadmap and Implementation Experience
BGP	RFC 1772	BGP basic functions support
BGP	RFC 1773	Experience with the BGP-4 protocol
BGP	RFC 1774	BGP-4 Protocol Analysis
BGP	RFC 1930	Guidelines for creation, selection, and registration of an Autonomous System (AS)
BGP	RFC 1965	Autonomous System Confederations for BGP
BGP	RFC 1966	BGP Route Reflection An alternative to full mesh IBGP
BGP	RFC 1997	BGP Communities Attribute
BGP	RFC 1998	An Application of the BGP Community Attribute in Multi-home Routing
BGP	RFC 2270	Using a Dedicated AS for Sites Homed to a Single Provider
BGP	RFC 2283	Multiprotocol Extensions for BGP-4
BGP	RFC 2439	BGP Route Flap Damping
BGP	RFC 2519	A Framework for Inter-Domain Route Aggregation

Feature Name	Document No.	Document Name
BGP	RFC 2545	Use of BGP-4 Multiprotocol Extensions for IPv6 Inter-Domain Routing
BGP	RFC 2796	BGP Route Reflection - An Alternative to Full Mesh IBGP
BGP	RFC 2842	Capabilities Advertisement with BGP-4
BGP	RFC 2858	Multiprotocol Extensions for BGP-4
BGP	RFC 2918	Route Refresh Capability for BGP-4
BGP	RFC 3065	Autonomous System Confederations for BGP
BGP	RFC 3392	Capabilities Advertisement with BGP-4
BGP	RFC 4271	A Border Gateway Protocol 4 (BGP-4)
BGP	RFC 4272	BGP Security Vulnerabilities Analysis
BGP	RFC 4273	Definitions of Managed Objects for the Fourth Version of Border Gateway Protocol (BGP-4)
BGP	RFC 4274	BGP-4 Protocol Analysis
BGP	RFC 4276	BGP-4 Implementation Report
BGP	RFC 4277	Experience with the BGP-4 Protocol
BGP	RFC 4360	BGP Extended Communities Attribute
BGP	RFC 4451	BGP MULTI_EXIT_DISC (MED) Considerations
BGP	RFC 4456	BGP Route Reflection: An Alternative to Full Mesh Internal BGP (IBGP)
BGP	RFC 4486	Subcodes for BGP Cease Notification Message
BGP	RFC 4724	Graceful Restart Mechanism for BGP
BGP	RFC 4760	Multiprotocol Extensions for BGP-4
BGP	RFC 4781	Graceful Restart Mechanism for BGP with MPLS
BGP	RFC 4893	BGP Support for Four-octet AS Number Space
BGP	RFC 5004	Avoid BGP Best Path Transitions from One External to Another
BGP	RFC 5065	Autonomous System Confederations for BGP
BGP	RFC 5291	Outbound Route Filtering Capability for BGP-4
BGP	RFC 5292	Address-Prefix-Based Outbound Route Filter for BGP-4
BGP	RFC 5396	Textual Representation of Autonomous System (AS) Numbers
BGP	RFC 5398	Autonomous System (AS) Number Reservation for Documentation Use
BGP	RFC 5492	Capabilities Advertisement with BGP-4
BGP	RFC 6793	BGP Support for Four-Octet Autonomous System (AS) Number Space

Feature Name	Document No.	Document Name
IP Common-RouterAlert	RFC 2113	IP Router Alert Option
IP Common-RouterAlert	RFC 2711	IPv6 Router Alert Option
IP Common-RouterAlert	RFC 6398	IP Router Alert Considerations and Usage
RIPng	RFC 2080	RIPng for IPv6
RIPng	RFC 2081	RIPng Protocol Applicability Statement
TFTP	RFC 1350	THE TFTP PROTOCOL (REVISION 2)
IP Commom-GTSM	RFC 3682	The Generalized TTL Security Mechanism (GTSM)
IP Commom-GTSM	RFC 5082	The Generalized TTL Security Mechanism (GTSM)
NQA Benchmarking	RFC 2544	Benchmarking Methodology for Network Interconnect Devices
IPv6 Transition-NAT-PT	RFC 4966	Reasons to Move the Network Address Translator - Protocol Translator(NAT-PT) to Historic Status
NQA Y.1564	Y.1564	Ethernet service activation test methodology
IPv4 Address-Allocation	RFC 3069	VLAN Aggregation for Efficient IP Address Allocation
NQA Echo	RFC 0862	Echo Protocol
ETHOAM	802.1AG	IEEE Standard for Local and metropolitan area networks— Virtual Bridged Local Area Networks Amendment 5: Connectivity Fault Management
ETHOAM	802.3AH	Operations, Administration, and Maintenance (OAM)
ETHOAM	Y.1730	performance monitor
ETHOAM	Y.1731	ITU-T Recommendation Y.1731 OAM functions and mechanisms for Ethernet based networks
MPLS	DRAFT-IETF-MPLS-LABEL-ENCAPS-07	MPLS Label Stack Encoding
MPLS	RFC 3032	MPLS Label Stack Encoding
MPLS	RFC 3443	Time To Live (TTL) Processing in Multi-Protocol Label Switching (MPLS) Networks
IPv6 Transition-6to4	RFC 3056	Connection of IPv6 Domains via IPv4 Clouds
IPv6 Transition-6to4	RFC 3068	An Anycast Prefix for 6to4 Relay Routers
NAT Security	RFC 1631	The IP Network Address Translator (NAT)
NAT Security	RFC 3022	Traditional IP Network Address Translator (Traditional NAT)
Clock	1588	Standard for a Precision Clock Synchronization Protocol for Networked Measurement and Control Systems
Clock	Y.1361/G.8261	Timing and synchronization aspects in packet networks

Feature Name	Document No.	Document Name
Clock	Y.1362/G.8262	Timing characteristics of a synchronous Ethernet equipment slave clock
Clock	Y.1365.1	Precision time protocol telecom profile for frequency synchronization
Clock	G.781	Synchronization layer functions
Clock	G.813	Timing characteristics of SDH equipment slave clocks (SEC)
Clock	G.823	The control of jitter and wander within digital networks which are based on the 2048 kbit/s hierarchy
Clock	G.8261	Timing and synchronization aspects in packet networks
Clock	G.8261.1	Packet delay variation network limits applicable to packet-based methods (Frequency synchronization)
Clock	G.8262	Timing characteristics of synchronous Ethernet equipment slave clock (EEC)
Clock	G.8263	Timing Characteristics of Packet based Equipment Clocks (PEC)
Clock	G.8264	Distribution of timing information through packet networks
Clock	G.8265	Architecture and requirements for packet-based frequency delivery
Clock	G.8265.1	Precision time protocol telecom profile for frequency synchronization
Clock	G.8271	Time and phase synchronization aspects of packet networks
Clock	G.8271.1	Network limits for time synchronization in packet networks
Clock	G.8273	Framework of phase and time clocks
Clock	G.8273.2	Timing characteristics of telecom boundary clocks and telecom time slave clocks
Clock	G.8275	Architecture and requirements for packet-based time and phase delivery
Clock	G.8275.1	Precision time protocol telecom profile for phase/time synchronization with full timing support from the network
TCP CongestionControl-Basic	RFC 5681	TCP Congestion Control
NFV	RFC 1354	IP Forwarding Table MIB
NFV	RFC 2096	IP Forwarding Table MIB
NFV	RFC 4292	IP Forwarding Table MIB
IPv6 Address-Selection	RFC 3484	Default Address Selection for Internet Protocol version 6 (IPv6)
IPv6 Address-Selection	RFC 6724	Default Address Selection for Internet Protocol Version 6 (IPv6)
IPv6 Link-Ethernet	RFC 2464	Transmission of IPv6 Packets over Ethernet Networks
TCP Basic	RFC 0793	TRANSMISSION CONTROL PROTOCOL
TCP Basic	RFC 2873	TCP Processing of the IPv4 Precedence Field

Feature Name	Document No.	Document Name
SFTP	DRAFT-IETF-SECSH-FILE XFER-14	draft-ietf-secsh-filexfer-14
Multicast	RFC 2236	Internet Group Management Protocol, Version 2
Multicast	RFC 3170	IP Multicast Applications: Challenges and Solutions
Multicast	RFC 6676	Multicast Addresses for Documentation
OSPFv3	DRAFT-IETF-OSPF-OSPF V3-GRACEFUL-RESTART -04	OSPFv3 Graceful Restart
OSPFv3	DRAFT-IETF-OSPF-OSPF V3-MIB-11	OSPF for ipv6 mib
OSPFv3	DRAFT-IETF-OSPF-OSPF V3-UPDATE-11	OSPF for IPv6
OSPFv3	RFC 2740	OSPF for IPv6
OSPFv3	RFC 3101	The OSPF Not-So-Stubby Area (NSSA) Option
OSPFv3	RFC 4552	Authentication / Confidentiality for OSPF v3
OSPFv3	RFC 4576	Using a Link State Advertisement (LSA) Options Bit to Prevent Looping in BGP/MPLS IP Virtual Private Networks (VPNs)
OSPFv3	RFC 4577	OSPF as the Provider/Customer Edge Protocol for BGP/MPLS IP Virtual Private Networks (VPNs)
OSPFv3	RFC 4970	Extensions to OSPF for Advertising Optional Router Capabilities
OSPFv3	RFC 5187	OSPFv3 Graceful Restart
OSPFv3	RFC 5286	Basic Specification for IP Fast Reroute: Loop-Free Alternates
OSPFv3	RFC 5340	OSPF for IPv6
OSPFv3	RFC 5642	Dynamic Hostname Exchange Mechanism for OSPF
OSPFv3	RFC 5643	Management Information Base for OSPFv3
OSPFv3	RFC 6506	Supporting Authentication Trailer for OSPFv3
OSPFv3	RFC 6565	OSPFv3 as a Provider Edge to Customer Edge (PE-CE) Routing Protocol
NQA MPLS-LSP Ping/Trace	RFC 4379	Detecting Multi-Protocol Label Switched (MPLS) Data Plane Failures
VPLS	RFC 7117	Multicast in Virtual Private LAN Service (VPLS)
TELNET	RFC 0854	TELNET PROTOCOL SPECIFICATION
TELNET	RFC 1091	Telnet Terminal-Type Option
TCP FlowControl-Basic	RFC 0813	Window and Acknowledgement Strategy in TCP/IP
UDP	RFC 4113	Management Information Base for the User Datagram Protocol (UDP)

Feature Name	Document No.	Document Name
Ethernet	RFC 0826	Ethernet Address Resolution Protocol: Or Converting Network Protocol Addresses to 48.bit Ethernet Address for Transmission on Ethernet Hardware
Ethernet	RFC 1042	Standard for the transmission of IP datagrams over IEEE 802 networks
L2VPN	DRAFT-BALUS-L2VPN-VPLS-802.1AH-03	VPLS Extensions for Provider Backbone Bridging
L2VPN	DRAFT-IETF-L2VPN-L2-FRAMEWORK-05	L2VPN Framework
L2VPN	DRAFT-IETF-L2VPN-REQUIREMENTS-04	Service Requirements for Layer-2 Provider Provisioned Virtual Private Networks
L2VPN	DRAFT-IETF-L2VPN-SIGNALING-04	Provisioning, Autodiscovery, and Signaling in L2VPNs
L2VPN	DRAFT-IETF-L2VPN-VPLS-LDP-APPLIC-00	VPLS Applicability
L2VPN	DRAFT-IETF-L2VPN-VPLS-LDP-MAC-OPT-06	LDP Extensions for Optimized MAC Address Withdrawal in H-VPLS
L2VPN	DRAFT-IETF-L2VPN-VPLS-MCAST-04	Multicast in VPLS
L2VPN	DRAFT-IETF-L2VPN-VPLS-MCAST-REQTS-06	Requirements for Multicast Support in Virtual Private LAN Services
L2VPN	DRAFT-IETF-L2VPN-VPLS-REQUIREMENTS-00	Requirements for Virtual Private LAN Services (VPLS)
L2VPN	DRAFT-IETF-PWE3-CELL-TRANSPORT-04	PWE3 ATM Transparent Cell Transport Service
L2VPN	DRAFT-IETF-PWE3-CESOPSN	Structure-aware TDM Circuit Emulation Service over Packet Switched Network (CESoPSN)
L2VPN	DRAFT-IETF-PWE3-HDLC-PPP-ENCAP-MPLS-09	Encapsulation Methods for Transport of PPP/HDLC Over MPLS Networks
L2VPN	DRAFT-IETF-PWE3-MS-PW-REQUIREMENTS-07	Requirements for Multi-Segment Pseudowire Emulation Edge-to-Edge (PWE3)
L2VPN	DRAFT-IETF-PWE3-OAM-MSG-MAP-07	Pseudo Wire (PW) OAM Message Mapping
L2VPN	DRAFT-IETF-PWE3-REDUNDANCY-02	Pseudowire (PW) Redundancy
L2VPN	DRAFT-IETF-PWE3-REDUNDANCY-BIT-02	Preferential Forwarding Status bit definition
L2VPN	DRAFT-IETF-PWE3-SEGMENTED-PW	Segmented Pseudo Wire

Feature Name	Document No.	Document Name
L2VPN	DRAFT-IETF-PWE3-VCC V-10	Pseudo Wire Virtual Circuit Connectivity Verification (VCCV)
L2VPN	DRAFT-IETF-PWE3-VCC V-BFD-02	Bidirectional Forwarding Detection (BFD) for the Pseudowire Virtual Circuit Connectivity Verification (VCCV)
L2VPN	DRAFT-KOMPELLA-L2VPN-L2VPN-00	pseudo wires created using BGP as signalling and auto-discovery protocol
L2VPN	DRAFT-MARTINI-L2CIRC UIT-ENCAP-MPLS-04	Encapsulation Methods for Transport of Layer 2 Frames Over IP and MPLS Networks
L2VPN	DRAFT-MARTINI-L2CIRC UIT-TRANS-MPLS-10	Transport of Layer 2 Frames Over MPLS
L2VPN	RFC 3916	Requirements for Pseudo-Wire Emulation Edge-to-Edge (PWE3).
L2VPN	RFC 3985	Pseudo Wire Emulation Edge-to-Edge (PWE3) Architecture
L2VPN	RFC 4197	Requirements for Edge-to-Edge Emulation of Time Division Multiplexed (TDM) Circuits over Packet Switching Networks
L2VPN	RFC 4385	Pseudowire Emulation Edge-to-Edge (PWE3) Control Word for Use over an MPLS PSN
L2VPN	RFC 4446	IANA Allocations for Pseudowire Edge to Edge Emulation (PWE3)
L2VPN	RFC 4447	Pseudowire Setup and Maintenance Using the Label Distribution Protocol (LDP)
L2VPN	RFC 4448	Encapsulation Methods for Transport of Ethernet over MPLS Networks
L2VPN	RFC 4553	Structure-Agnostic Time Division Multiplexing (TDM) over Packet (SAToP)
L2VPN	RFC 4618	Encapsulation Methods for Transport of PPP/High-Level Data Link Control (HDLC) over MPLS Networks
L2VPN	RFC 4619	Encapsulation Methods for Transport of Frame Relay over Multiprotocol Label Switching (MPLS) Networks
L2VPN	RFC 4664	Framework for Layer 2 Virtual Private Networks (L2VPNs)
L2VPN	RFC 4665	Service Requirements for Layer 2 Provider-Provisioned Virtual Private Networks
L2VPN	RFC 4717	Encapsulation Methods for Transport of Asynchronous Transfer Mode (ATM) over MPLS Networks
L2VPN	RFC 4761	Virtual Private LAN Service (VPLS) Using BGP for Auto-Discovery and Signaling
L2VPN	RFC 4762	Virtual Private LAN Service (VPLS) Using Label Distribution Protocol (LDP) Signaling
L2VPN	RFC 4816	Pseudowire Emulation Edge-to-Edge (PWE3) Asynchronous Transfer Mode (ATM) Transparent Cell Transport Service

Feature Name	Document No.	Document Name
L2VPN	RFC 5086	Structure-Aware Time Division Multiplexed (TDM) Circuit Emulation Service over Packet Switched Network (CESoPSN)
L2VPN	RFC 5254	Requirements for Multi-Segment Pseudowire Emulation Edge-to-Edge (PWE3)
L2VPN	RFC 5659	An Architecture for Multi-Segment Pseudowire Emulation Edge-to-Edge
L2VPN	RFC 5885	Bidirectional Forwarding Detection (BFD) for the Pseudowire Virtual Circuit Connectivity Verification (VCCV)
L2VPN	RFC 5994	Application of Ethernet Pseudowires to MPLS Transport Networks
L2VPN	RFC 6073	Segmented Pseudowire
L2VPN	RFC 6074	Provisioning, Auto-Discovery, and Signaling in Layer 2 Virtual Private Networks (L2VPNs)
L2VPN	RFC 6246	Virtual Private LAN Service (VPLS) Interoperability with Customer Edge (CE) Bridges
L2VPN	RFC 6310	Pseudowire (PW) Operations, Administration, and Maintenance (OAM) Message Mapping
L2VPN	RFC 6391	Flow-Aware Transport of Pseudowires over an MPLS Packet Switched Network
L2VPN	RFC 6624	Layer 2 Virtual Private Networks Using BGP for Auto-Discovery and Signaling
L2VPN	RFC 6658	Packet Pseudowire Encapsulation over an MPLS PSN
L2VPN	RFC 6718	Pseudowire Redundancy
L2VPN	RFC 7041	Extensions to the Virtual Private LAN Service (VPLS) Provider Edge (PE) Model for Provider Backbone Bridging
L2VPN	RFC 7361	LDP Extensions for Optimized MAC Address Withdrawal in a Hierarchical Virtual Private LAN Service (H-VPLS)
IPv6 PMTU	RFC 1981	Path MTU Discovery for IP version 6
PPP	RFC 1332	The PPP Internet Protocol Control Protocol (IPCP)
PPP	RFC 1334	PPP Authentication Protocols
PPP	RFC 1377	The PPP OSI Network Layer Control Protocol (OSINLCP).
PPP	RFC 1471	The Definitions of Managed Objects for the Link Control Protocol of the Point-to-Point Protocol
PPP	RFC 1473	The Definitions of Managed Objects for the IP Network Control Protocol of the Point-to-Point Protocol.
PPP	RFC 1661	The Point-to-Point Protocol (PPP)
PPP	RFC 1877	PPP Internet Protocol Control Protocol Extensions for Name Server Addresses

Feature Name	Document No.	Document Name
PPP	RFC 1990	The PPP Multilink Protocol (MP)
PPP	RFC 1994	PPP Challenge Handshake Authentication Protocol (CHAP)
PPP	RFC 2023	IP Version 6 over PPP
PPP	RFC 2433	Microsoft PPP CHAP Extensions
PPP	RFC 2516	A Method for Transmitting PPP Over Ethernet (PPPoE)
PPP	RFC 2759	Microsoft PPP CHAP Extensions, Version 2
PPP	RFC 4638	Accommodating a Maximum Transit Unit/Maximum Receive Unit (MTU/MRU) Greater Than 1492 in the Point-to-Point Protocol over Ethernet (PPPoE)
GMPLS UNI	RFC 3473	Generalized Multi-Protocol Label Switching (GMPLS) Signaling Resource ReserVation Protocol-Traffic Engineering (RSVP-TE) Extensions
GMPLS UNI	RFC 3945	Generalized Multi-Protocol Label Switching (GMPLS) Architecture
GMPLS UNI	RFC 4208	Generalized Multiprotocol Label Switching (GMPLS) User-Network Interface (UNI): Resource ReserVation Protocol-Traffic Engineering (RSVP-TE) Support for the Overlay Model
GMPLS UNI	RFC 4397	A Lexicography for the Interpretation of Generalized Multiprotocol Label Switching (GMPLS) Terminology within the Context of the ITU-T's Automatically Switched Optical Network (ASON) Architecture
GMPLS UNI	RFC 4872	RSVP-TE Extensions in Support of End-to-End Generalized Multi-Protocol Label Switching (GMPLS) Recovery
GMPLS UNI	RFC 4873	GMPLS Segment Recovery
GMPLS UNI	RFC 5063	Extensions to GMPLS Resource Reservation Protocol RSVP Graceful Restart
GMPLS UNI	RFC 5828	Generalized Multiprotocol Label Switching (GMPLS) Ethernet Label Switching Architecture and Framework
GMPLS UNI	RFC 6002	Generalized MPLS (GMPLS) Data Channel Switching Capable (DCSC) and Channel Set Label Extensions
GMPLS UNI	RFC 6004	Generalized MPLS GMPLS Support for Metro Ethernet Forum and G.8011 Ethernet Service Switching
System Management	RFC 1229	Extensions to the generic-interface MIB
IPv6 Address-Reserved	RFC 5156	Special-Use IPv6 Addresses
IPSEC&IKE	RFC 1828	IP Authentication using Keyed MD5
IPSEC&IKE	RFC 1829	The ESP DES-CBC Transform
IPSEC&IKE	RFC 1851	The ESP Triple DES Transform
IPSEC&IKE	RFC 2085	HMAC-MD5 IP Authentication with Replay Prevention

Feature Name	Document No.	Document Name
IPSEC&IKE	RFC 2401	Security Architecture for the Internet Protocol
IPSEC&IKE	RFC 2402	IP Authentication Header
IPSEC&IKE	RFC 2403	The Use of HMAC-MD5-96 within ESP and AH
IPSEC&IKE	RFC 2404	The Use of HMAC-SHA-1-96 within ESP and AH
IPSEC&IKE	RFC 2405	The ESP DES-CBC Cipher Algorithm With Explicit IV
IPSEC&IKE	RFC 2406	IP Encapsulating Security Payload (ESP)
IPSEC&IKE	RFC 2407	The Internet IP Security Domain of Interpretation for ISAKMP
IPSEC&IKE	RFC 2408	Internet Security Association and Key Management Protocol (ISAKMP)
IPSEC&IKE	RFC 2409	The Internet Key Exchange (IKE)
IPSEC&IKE	RFC 2451	The ESP CBC-Mode Cipher Algorithms
IPSEC&IKE	RFC 3566	The AES-XCBC-MAC-96 Algorithm and Its Use With IPsec
IPSEC&IKE	RFC 3602	The AES-CBC Cipher Algorithm and Its Use with IPsec
IPSEC&IKE	RFC 3686	Using Advanced Encryption Standard (AES) Counter Mode With IPsec Encapsulating Security Payload (ESP)
IPSEC&IKE	RFC 3706	A Traffic-Based Method of Detecting Dead Internet Key Exchange (IKE) Peers
IPSEC&IKE	RFC 3947	Negotiation of NAT-Traversal in the IKE
IPSEC&IKE	RFC 3948	UDP Encapsulation of IPsec ESP Packets
IPSEC&IKE	RFC 4109	Algorithms for Internet Key Exchange version 1 (IKEv1)
IPSEC&IKE	RFC 4210	Internet X.509 Public Key Infrastructure Certificate Management Protocol (CMP)
IPSEC&IKE	RFC 4211	Internet X.509 Public Key Infrastructure Certificate Request Message Format (CRMF)
IPSEC&IKE	RFC 4301	Security Architecture for the Internet Protocol
IPSEC&IKE	RFC 4302	IP Authentication Header
IPSEC&IKE	RFC 4303	IP Encapsulating Security Payload (ESP)
IPSEC&IKE	RFC 4306	Internet Key Exchange (IKEv2) Protocol
IPSEC&IKE	RFC 4478	Repeated Authentication in Internet Key Exchange (IKEv2) Protocol
IPSEC&IKE	RFC 4718	IKEv2 Clarifications and Implementation Guidelines
IPSEC&IKE	RFC 4868	Using HMAC-SHA-256, HMAC-SHA-384, and HMAC-SHA-512 with IPsec
IPSEC&IKE	RFC 5996	Internet Key Exchange Protocol Version 2 (IKEv2)

Feature Name	Document No.	Document Name
IPSEC&IKE	RFC 6479	IPsec Anti-Replay Algorithm without Bit Shifting
ICMPv6 Basic	RFC 4443	Internet Control Message Protocol (ICMPv6) for the Internet Protocol Version 6 (IPv6) Specification
RIP	RFC 1058	Routing Information Protocol
RIP	RFC 1389	RIP Version 2 MIB Extensions
RIP	RFC 1721	RIP Version 2 Protocol Analysis
RIP	RFC 1722	RIP Version 2 Protocol Applicability Statement
RIP	RFC 1723	RIP Version 2 - Carrying Additional Information
RIP	RFC 1724	RIP Version 2 MIB Extension
RIP	RFC 2082	RIP-2 MD5 Authentication
RIP	RFC 2453	RIP Version 2
RIP	RFC 4822	RIPv2 Cryptographic Authentication
IPv4 Address-Reserved	RFC 1918	Address Allocation for Private Internets
SSH	DRAFT-IETF-SECSH-FILE XFER-13	SFTP File transfer protocol - Partially Not supported.
SSH	DRAFT-SHEN-SM2-ECD SA-00	Support of SM2 key exchange
SSH	RFC 4245	High-Level Requirements for Tightly Coupled SIP Conferencing
SSH	RFC 4250	The Secure Shell (SSH) Protocol Assigned Numbers
SSH	RFC 4251	The Secure Shell (SSH) Protocol Architecture
SSH	RFC 4252	The Secure Shell (SSH) Authentication Protocol
SSH	RFC 4253	The Secure Shell (SSH) Transport Layer Protocol
SSH	RFC 4254	The Secure Shell (SSH) Connection Protocol
SSH	RFC 4256	Generic Message Exchange Authentication for the Secure Shell Protocol (SSH)
SSH	RFC 4344	The Secure Shell (SSH) Transport Layer Encryption Modes
SSH	RFC 4345	Improved Arcfour Modes for the Secure Shell (SSH) Transport Layer Protocol
SSH	RFC 4419	Diffie-Hellman Group Exchange for the Secure Shell (SSH) Transport Layer Protocol
SSH	RFC 5656	Elliptic Curve Algorithm Integration in the Secure Shell Transport Layer
SSH	RFC 6668	SHA-2 Data Integrity Verification for the Secure Shell (SSH) Transport Layer Protocol

Feature Name	Document No.	Document Name
SSL	DRAFT-IETF-TLS-RFC2246-BIS-06	The TLS Protocol (Version 1.1)
SSL	RFC 2246	The TLS Protocol Version 1.0
IPv4 PMTU	RFC 1191	Path MTU discovery
RosenVPN	DRAFT-ROSEN-VPN-MC-AST-13	Multicast in MPLS/BGP IP VPNs
RosenVPN	RFC 6037	Cisco Systems' Solution for Multicast in BGP/MPLS IP VPNs
MPLS TE	DRAFT-GAN-FAST-RERO-UTE-00	A Method for MPLS LSP Fast-Reroute Using RSVP Detours.
MPLS TE	DRAFT-IETF-CCAMP-INTER-DOMAIN-FRAMEWORK-04	Mechanisms for Inter-AS or Inter-Domain Traffic Engineering
MPLS TE	DRAFT-IETF-CCAMP-RSVP-RESTART-EXT-05	Extensions to GMPLS RSVP Graceful Restart
MPLS TE	DRAFT-IETF-MPLS-DIFF-EXT-09	Multi-Protocol Label Switching (MPLS) Support of Differentiated Services
MPLS TE	DRAFT-IETF-MPLS-RSVP-LSP-FASTRERROUTE-01	Fast Reroute Extensions to RSVP-TE for LSP Tunnels
MPLS TE	DRAFT-IETF-MPLS-RSVP-LSP-TUNNEL-09	RSVP-TE: Extensions to RSVP for LSP Tunnels
MPLS TE	DRAFT-IETF-MPLS-SOFT-PREEMPTION-00	MPLS Traffic Engineering Soft preemption
MPLS TE	DRAFT-IETF-MPLS-TE-MIB-09	Multiprotocol Label Switching (MPLS) Traffic Engineering Management Information Base
MPLS TE	RFC 2209	Resource ReSerVation Protocol (RSVP) -- Version 1 Message Processing Rules
MPLS TE	RFC 2702	Requirements for Traffic Engineering Over MPLS
MPLS TE	RFC 2747	RSVP Cryptographic Authentication
MPLS TE	RFC 2961	RSVP Refresh Overhead Reduction Extensions.txt
MPLS TE	RFC 3097	RSVP Cryptographic Authentication — Updated Message Type Value
MPLS TE	RFC 3209	RSVP-TE: Extensions to RSVP for LSP Tunnels
MPLS TE	RFC 3210	Applicability Statement for Extensions to RSVP for LSP-Tunnels
MPLS TE	RFC 3272	Overview and Principles of Internet Traffic Engineering
MPLS TE	RFC 3317	Differentiated Services Quality of Service Policy Information Base
MPLS TE	RFC 3346	Applicability Statement for Traffic Engineering with MPLS

Feature Name	Document No.	Document Name
MPLS TE	RFC 3468	The Multiprotocol Label Switching (MPLS) Working Group decision on MPLS signaling protocols
MPLS TE	RFC 3471	Generalized Multi-Protocol Label Switching (GMPLS) Signaling Functional Description
MPLS TE	RFC 3785	Use of Interior Gateway Protocol (IGP) Metric as a second MPLS Traffic Engineering (TE) Metric
MPLS TE	RFC 3812	Multiprotocol Label Switching (MPLS) Traffic Engineering (TE) Management Information Base (MIB)
MPLS TE	RFC 4090	Fast Reroute Extensions to RSVP-TE for LSP Tunnels
MPLS TE	RFC 4105	Requirements for Inter-Area MPLS Traffic Engineering
MPLS TE	RFC 4216	MPLS Inter-Autonomous System (AS) Traffic Engineering (TE) Requirements
MPLS TE	RFC 4461	Signaling Requirements for Point-to-Multipoint Traffic-Engineered MPLS Label Switched Paths (LSPs)
MPLS TE	RFC 4558	Node-ID Based Resource Reservation Protocol (RSVP) Hello: A Clarification Statement
MPLS TE	RFC 4561	Definition of a Record Route Object (RRO) Node-Id Sub-Object
MPLS TE	RFC 4829	Label Switched Path (LSP) Preemption Policies for MPLS Traffic Engineering
MPLS TE	RFC 4875	Extensions to Resource Reservation Protocol - Traffic Engineering (RSVP-TE) for Point-to-Multipoint TE Label Switched Paths (LSPs)
MPLS TE	RFC 5495	Description of the Resource Reservation Protocol - Traffic-Engineered (RSVP-TE) Graceful Restart Procedures
MPLS TE	RFC 5710	PathErr Message Triggered MPLS and GMPLS LSP Reroutes
MPLS TE	RFC 5712	MPLS Traffic Engineering Soft Preemption
MPLS TE	RFC 5920	Security Framework for MPLS and GMPLS Networks
IPv6 Transition-6in4	RFC 4213	Basic Transition Mechanisms for IPv6 Hosts and Routers
CSMA/CD	802.3	IEEE Standards for Local Area Networks: Carrier Sense Multiple Access with Collision Detection (CSMA/CD) Access, Method and Physical Layer Specifications
TCP	RFC 4022	Management Information Base for the Transmission Control Protocol(TCP)
L2TPV3	DRAFT-MKONSTAN-L2TPEXT-KEYED-IPV6-TUNNEL-00	Keyed IPv6 Tunnel draft-mkonstan-l2tpext-keyed-ipv6-tunnel-00
LAN	802.1B	LAN/WAN Management
L3VPN	DRAFT-IETF-L3VPN-BGP-IPV6-03	BGP-MPLS VPN extension for IPv6 VPN

Feature Name	Document No.	Document Name
L3VPN	DRAFT-IETF-L3VPN-OSPFV3-PECE-06	OSPFv3 as a PE-CE routing protocol
L3VPN	DRAFT-IETF-L3VPN-RFC 2547BIS-03	BGP/MPLS IP VPNs
L3VPN	DRAFT-IETF-MPLS-BGP-MPLS-RESTART-05	Graceful Restart Mechanism for BGP with MPLS
L3VPN	DRAFT-IETF-PPVPN-MPLS-VPN-MIB-04	BGP/MPLS VPN Management Information Base Using SMIv2
L3VPN	DRAFT-IETF-PPVPN-MPLS-VPN-MIB-05	BGP/MPLS VPN Management Information Base Using SMIv2
L3VPN	DRAFT-IETF-PPVPN-RFC 2547BIS-04	BGP/MPLS VPN Arch
L3VPN	RFC 2547	BGP/MPLS VPNs
L3VPN	RFC 2764	A Framework for IP Based Virtual Private Networks
L3VPN	RFC 2917	A Core MPLS IP VPN Architecture
L3VPN	RFC 3107	Carrying Label Information in BGP-4
L3VPN	RFC 3809	Generic Requirements for Provider Provisioned Virtual Private Networks (PPVPN)
L3VPN	RFC 4031	Service Requirements for Layer 3 Provider Provisioned Virtual Private Networks (PPVPNs).
L3VPN	RFC 4110	A Framework for Layer 3 Provider-Provisioned Virtual Private Networks (PPVPNs).
L3VPN	RFC 4364	BGP/MPLS IP Virtual Private Networks (VPNs)
L3VPN	RFC 4382	MPLS/BGP Layer 3 Virtual Private Network (VPN) Management information Base
L3VPN	RFC 4659	RFC4659 BGP-MPLS IP Virtual Private Network(VPN) Extension for IPv6 VPN
L3VPN	RFC 4797	Use of Provider Edge to Provider Edge (PE-PE) Generic Routing Encapsulation (GRE) or IP in BGP/MPLS IP Virtual Private Networks
L3VPN	RFC 5668	4-Octet AS Specific BGP Extended Community
L3VPN	RFC 6811	BGP Prefix Origin Validation
DNS IPv6	RFC 3363	Representing Internet Protocol version 6 (IPv6) Addresses in the Domain Name System (DNS)
DNS IPv6	RFC 3596	DNS Extensions to Support IP Version 6
DNS IPv6	RFC 6563	Moving A6 to Historic Status

Feature Name	Document No.	Document Name
PCE	DRAFT-ANANTHAKRISHNAN-PCE-STATEFUL-PATH-PROTECTION-00	PCEP Extensions for MPLS-TE LSP Path Protection with stateful PCE
PCE	DRAFT-IETF-PCE-GMPLS-PCEP-EXTENSIONS-03	PCEP extensions for GMPLS
PCE	DRAFT-IETF-PCE-GMPLS-PCEP-EXTENSIONS-09	PCEP extensions for GMPLS
PCE	DRAFT-IETF-PCE-INTER-LAYER-EXT-05	Extensions to the Path Computation Element communication Protocol (PCEP) for Inter-Layer MPLS and GMPLS Traffic Engineering
PCE	DRAFT-IETF-PCE-INTER-LAYER-EXT-08	Extensions to the Path Computation Element communication Protocol (PCEP) for Inter-Layer MPLS and GMPLS Traffic Engineering
PCE	DRAFT-IETF-PCE-SEGMENT-ROUTING-06	PCEP Extensions for Segment Routing
PCE	DRAFT-IETF-PCE-STATEFUL-PCE-00	PCEP Extensions for Stateful PCE
PCE	DRAFT-IETF-PCE-STATEFUL-PCE-07	PCEP Extensions for Stateful PCE
PCE	DRAFT-IETF-PCE-STATEFUL-PCE-SYNC-OPTIMIZATIONS-01	Optimizations of Label Switched Path State Synchronization Procedures for a Stateful PCE
PCE	IETF-PCE-PCEP-MIB	PCEP MIB
PCE	RFC 4655	A Path Computation Element (PCE)-Based Architecture
PCE	RFC 4657	Path Computation Element (PCE) Communication Protocol Generic Requirements
PCE	RFC 5440	Path Computation Element (PCE) Communication Protocol (PCEP)
PCE	RFC 5520	Preserving Topology Confidentiality in Inter-Domain Path Computation Using a Path-Key-Based Mechanism
PCE	RFC 5553	Resource Reservation Protocol (RSVP) Extensions for Path Key Support
PCE	RFC 5623	Framework for PCE-Based Inter-Layer MPLS and GMPLS Traffic Engineering
IP_Multicast_Overview	RFC 5110	Overview of the Internet Multicast Routing Architecture
IPv6 Basic	RFC 2460	Internet Protocol, Version 6 (IPv6) Specification
IPv6 Basic	RFC 5095	Deprecation of Type 0 Routing Headers in IPv6
ICMP Common-MultiPart	RFC 4884	Extended ICMP to Support Multi-Part Messages
ICMP Common-MultiPart	RFC 4950	ICMP Extensions for Multiprotocol Label Switching
IPv6 Link	RFC 2472	IP Version 6 over PPP

Feature Name	Document No.	Document Name
IF	RFC 2233	The Interfaces Group MIB using SMIv2
IF	RFC 2863	The Interfaces Group MIB
RSTP	802.1D	Rapid Reconvergence of Spanning Tree (RSTP)
RSTP	802.1W	Rapid Reconvergence of Spanning Tree (RSTP)
IPv6 TCP MIB	RFC 2452	IP Version 6 Management Information Base for the Transmission Control Protocol
IPv6	RFC 4241	A Model of IPv6/IPv4 Dual Stack Internet Access Service
IPv4 Basic-Checksum	RFC 1071	Computing the Internet Checksum
UDP Basic	RFC 0768	User Datagram Protocol
Security	RFC 1321	The MD5 Message-Digest Algorithm
EVPN	DRAFT-IETF-L2VPN-EVP N-04	BGP MPLS Based Ethernet VPN
EVPN	DRAFT-IETF-L2VPN-EVP N-07	BGP MPLS Based Ethernet VPN
EVPN	DRAFT-IETF-L2VPN-PBB-EVPN-09	PBB-EVPN
TCP Security-Keychain	DRAFT-BONICA-TCP-AU TH-06	Authentication for TCP-based Routing and Management Protocols
VXLAN	RFC 7348	Virtual eXtensible Local Area Network (VXLAN): A Framework for Overlaying Virtualized Layer 2 Networks over Layer 3 Networks
MPLS OAM	RFC 4377	Operations and Management (OAM) Requirements for Multi-Protocol Label Switched (MPLS) Networks
MPLS OAM	RFC 4378	A Framework for Multi-Protocol Label Switching (MPLS) Operations and Management (OAM)
TCP Security-SequenceNumber	RFC 6528	Defending against Sequence Number Attacks
TCP Basic-MSS	RFC 0879	The TCP Maximum Segment Size and Related Topics
TCP Basic-MSS	RFC 6691	TCP Options and Maximum Segment Size (MSS)
ISIS/OSPF	DRAFT-IETF-RTGWG-RE MOTE-LFA-00	Remote LFA FRR
GRE	RFC 1701	Generic Routing Encapsulation (GRE)
GRE	RFC 1702	Generic Routing Encapsulation over IPv4 networks
GRE	RFC 2784	Generic Routing Encapsulation (GRE)
GRE	RFC 2890	Key and Sequence Number Extensions to GRE

Feature Name	Document No.	Document Name
IP Common	RFC 2465	Management Information Base for IP Version 6: Textual Conventions and General Group
IP Common	RFC 4293	Management Information Base for the Internet Protocol (IP)
HWTACACS	DRAFT-GRANT-TACACS-02	The TACACS+ Protocol Version 1.78
Upgrade and Maintenance	RFC 2737	Entity MIB (Version 2).
Netconf	RFC 4741	NETCONF Configuration Protocol
Netconf	RFC 4742	Using the NETCONF Configuration Protocol over Secure Shell (SSH)
Netconf	RFC 6241	Network Configuration Protocol (NETCONF)
Netconf	RFC 6536	Network Configuration Protocol (NETCONF) Access Control Model
QinQ	802.1AD	Virtual Bridged Local Area Networks — Amendment 4: Provider Bridges, QinQ
Information Management	DRAFT-IETF-SYSLOG-PROTOCOL-20	The syslog Protocol
Information Management	DRAFT-IETF-SYSLOG-TRANSPORT-TLS-09	TLS Transport Mapping for Syslog
Information Management	DRAFT-IETF-SYSLOG-TRANSPORT-UDP-09	Transmission of syslog messages over UDP
Information Management	RFC 3164	The BSD Syslog Protocol
Information Management	RFC 3195	Reliable Delivery for syslog
Information Management	RFC 5424	The Syslog Protocol
Information Management	RFC 5425	Transport Layer Security (TLS) Transport Mapping for Syslog
Information Management	RFC 5426	Transmission of syslog messages over UDP
ICMPv6	RFC 2466	Management Information Base for IP Version 6: ICMPv6 Group
IPv4 Address-Subnet	RFC 0950	Internet Standard Subnetting Procedure
IPv4 Address-Subnet	RFC 1878	Variable Length Subnet Table For IPv4
ERPS	Y.1344	Ethernet ring protection switching
Multicast_Route_Management	DRAFT-IETF-MBONED-IP-MCAST-MIB-04	IP Multicast MIB
Multicast_Route_Management	RFC 2365	Administratively Scoped IP Multicast
Multicast_Route_Management	RFC 2715	Interoperability Rules for Multicast Routing Protocols
Multicast_Route_Management	RFC 5132	IP Multicast MIB

Feature Name	Document No.	Document Name
MPLS-TP	G.8101	Terms & Definitions of MPLS-TP
MPLS-TP	G.8110	Architecture of MPLS-TP Layer Network
MPLS-TP	G.8110.1	MPLS-TP architecture
MPLS-TP	G.8131	MPLS-TP Linear Protection
MPLS-TP	Y.1355	Terms and definitions for MPLS transport profile
MPLS-TP	RFC 5317	JWT Report on MPLS Architectural Considerations for a Transport Profile
MPLS-TP	RFC 5586	MPLS Generic Associated Channel
MPLS-TP	RFC 6423	Using the Generic Associated Channel Label for Pseudowire in the MPLS Transport Profile (MPLS-TP)
L2	RFC 4188	Definitions of Managed Objects for Bridges
L2	RFC 4363	Q-BRIDGE-MIB
L2	G.8032	Ethernet ring protection switching
BGP-MP	DRAFT-OOMS-V6OPS-BGP-TUNNEL-03	Connecting IPv6 Islands over IPv4 MPLS using IPv6 Provider Edge Routers (6PE)
BGP-MP	DRAFT-SCUDDER-BMP-01	BGP Monitoring Protocol
BGP-MP	RFC 4798	Connecting IPv6 Islands over IPv4 MPLS using IPv6 Provider Edge Routers (6PE)
BGP-MP	RFC 5575	Dissemination of Flow Specification Rules
BGP-MP	RFC 6810	The Resource Public Key Infrastructure (RPKI) to Router Protocol
BGP-MP	RFC 7674	Clarification of the Flowspec Redirect Extended Community
DHCPv6	DRAFT-IETF-DHC-DHCP V6-16	Dynamic Host Configuration Protocol for Ipv6
DHCPv6	RFC 3315	Dynamic Host Configuration Protocol for IPv6 (DHCPv6)
DHCPv6	RFC 3633	IPv6 Prefix Options for Dynamic Host Configuration Protocol(DHCP) version 6
ICMPv4 Basic	RFC 0792	INTERNET CONTROL MESSAGE PROTOCOL
L2TP	RFC 2661	Layer Two Tunneling Protocol "L2TP"
IPv6 UDP	RFC 2454	IP Version 6 Management Information Base for the User Datagram Protocol
IGMP	DRAFT-HOLBROOK-IDM R-IGMPV3-SSM-03	Using IGMPv3 and MLDv2 For Source-Specific Multicast
IGMP	DRAFT-HOLBROOK-IDM R-IGMPV3-SSM-08	Using IGMPv3 and MLDv2 For Source-Specific Multicast

Feature Name	Document No.	Document Name
IGMP	DRAFT-IETF-MAGMA-MGMD-MIB-08	Multicast Group Membership Discovery MIB
IGMP	RFC 1112	Host Extensions for IP Multicasting
IGMP	RFC 2933	Internet Group Management Protocol MIB
IGMP	RFC 3376	Internet Group Management Protocol, Version 3
IGMP	RFC 5186	Internet Group Management Protocol Version 3 (IGMPv3) /Multicast Listener Discovery Version 2 (MLDv2) and Multicast Routing Protocol Interaction
IGMP	RFC 5519	Multicast Group Membership Discovery MIB
NTP	RFC 1305	Network Time Protocol (Version 3)
NTP	RFC 5905	Network Time Protocol Version 4: Protocol and Algorithms Specification
ISIS	DRAFT-IETF-BFD-V4V6-1HOP-10	BFD for IPv4 and IPv6 (Single Hop)
ISIS	DRAFT-IETF-ISIS-3WAY-03	Three-Way Handshake for IS-IS Point-to-Point Adjacencies
ISIS	DRAFT-IETF-ISIS-ADMIN-TAGS-03	A Policy Control Mechanism in IS-IS Using Administrative Tags
ISIS	DRAFT-IETF-ISIS-HMAC-SHA-03	IS-IS Generic Cryptographic Authentication
ISIS	DRAFT-IETF-ISIS-IGP-P2P-OVER-LAN-06	Point-to-point operation over LAN in link-state routing protocols
ISIS	DRAFT-IETF-ISIS-IPV6-04	ISIS ipv6 support
ISIS	DRAFT-IETF-ISIS-IPV6-06	Routing IPv6 with IS-IS
ISIS	DRAFT-IETF-ISIS-IPV6-07	Routing IPv6 with IS-IS
ISIS	DRAFT-IETF-ISIS-SNP-CH-ECKSUM-02	Optional Checksums in Intermediate System to Intermediate System (ISIS)
ISIS	DRAFT-IETF-ISIS-WG-EXTLSP-01	Simplified Extension of LSP Space for IS-IS
ISIS	DRAFT-IETF-ISIS-WG-MIB-20	Management Information Base for Intermediate System to Intermediate System (IS-IS)
ISIS	DRAFT-IETF-ISIS-WG-MULTI-TOPOLOGY-07	M-ISIS: Multi Topology (MT) Routing in IS-IS
ISIS	DRAFT-IETF-ISIS-WG-MULTI-TOPOLOGY-11	M-ISIS: Multi Topology (MT) Routing in IS-IS

Feature Name	Document No.	Document Name
ISIS	DRAFT-IETF-RTGWWG-IPF RR-FRAMEWORK-11	IP Fast Reroute Framework
ISIS	ISO10589	IS-IS intra-domain routing protocol
ISIS	RFC 1195	Use of OSI Is-Is for Routing in TCP/IP and Dual Environments
ISIS	RFC 2104	HMAC: Keyed-Hashing for Message Authentication
ISIS	RFC 2763	Dynamic Hostname Exchange Mechanism for IS-IS
ISIS	RFC 2966	Domain-wide Prefix Distribution with Two-Level IS-IS
ISIS	RFC 2973	IS-IS Mesh Groups
ISIS	RFC 3277	Intermediate System to Intermediate System (IS-IS) Transient Blackhole Avoidance
ISIS	RFC 3358	Optional Checksums in Intermediate System to Intermediate System (ISIS)
ISIS	RFC 3359	Reserved Type, Length and Value (TLV) Codepoints in Intermediate System to Intermediate System
ISIS	RFC 3373	Three-Way Handshake for Intermediate System to Intermediate System (IS-IS) Point-to-Point Adjacencies
ISIS	RFC 3567	Intermediate System to Intermediate System (IS-IS) Cryptographic Authentication
ISIS	RFC 3719	Recommendations for Interoperable Networks using Intermediate System to Intermediate System (IS-IS)
ISIS	RFC 3784	Intermediate System to Intermediate System (IS-IS) Extensions for Traffic Engineering (TE)
ISIS	RFC 3786	Extending the Number of Intermediate System to Intermediate System (IS-IS) Link State PDU (LSP) Fragments Beyond the 256 Limit
ISIS	RFC 3787	Recommendations for Interoperable IP Networks using Intermediate System to Intermediate System (IS-IS)
ISIS	RFC 3847	Restart Signaling for Intermediate System to Intermediate System (IS-IS)
ISIS	RFC 5120	M-ISIS: Multi Topology (MT) Routing in Intermediate System to Intermediate Systems (IS-ISs)
ISIS	RFC 5130	A Policy Control Mechanism in IS-IS Using Administrative Tags
ISIS	RFC 5301	Dynamic Hostname Exchange Mechanism for IS-IS
ISIS	RFC 5302	Domain-Wide Prefix Distribution with Two-Level IS-IS
ISIS	RFC 5303	Three-Way Handshake for IS-IS Point-to-Point Adjacencies
ISIS	RFC 5304	IS-IS Cryptographic Authentication
ISIS	RFC 5305	IS-IS Extensions for Traffic Engineering

Feature Name	Document No.	Document Name
ISIS	RFC 5306	Restart Signaling for IS-IS
ISIS	RFC 5308	Routing IPv6 with IS-IS
ISIS	RFC 5309	Point-to-Point Operation over LAN in Link State Routing Protocols
ISIS	RFC 5310	IS-IS Generic Cryptographic Authentication
ISIS	RFC 5311	Simplified Extension of Link State PDU (LSP) Space for IS-IS
ISIS	RFC 6232	Purge Originator Identification TLV for IS-IS
MAC	802.1AC	Media Access Control Service revision
MAC	802.1H	Media Access Control (MAC) Bridging of Ethernet V2.0 in Local Area Networks

For More Information

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