International Standards

Classification	Organization	Code	Title	AC6605 Compliance	AC6005 Compliance
AAA					
	IETF	RFC 2138	Remote Authentication Dial In User Service (RADIUS)	√	√
	IETF	RFC 2139	RADIUS Accounting	√	√
	IETF	RFC 2618	RADIUS Authentication Client MIB	√	√
	IETF	RFC 2620	RADIUS Accounting Client MIB	√	√
	IETF	RFC 2865	Remote Authentication Dial In User Service (RADIUS)	√	√
	IETF	RFC 2866	RADIUS Accounting	√	√
	IETF	RFC 2869	RADIUS Extensions	√	√
	IETF	draft-grant-tacacs-02	TACACS＋	√	√
	IETF	RFC 3576	Dynamic Authorization Extensions to Remote Authentication Dial In User Service (RADIUS)	√	√
ARP					
	IETF	RFC 0826	Ethernet Address Resolution Protocol	√	√
BFD					

	IETF	draft-ietf-bfd-base-xx	Bidirectional Forwarding Detection	√	√
	IETF	draft-ietf-bfd-v4v6-1hop-xx	BFD for IPv4 and IPv6 (Single Hop)	√	√
	IETF	draft-ietf-bfd-multihop-xx	BFD for Multihop Paths	√	√
BGP					
	IETF	RFC 1997	BGP Community Attribute	√	√
	IETF	RFC 2385	TCP MD5	√	√
	IETF	RFC 2796	BGP Route Reflection	×	×
	IETF	RFC 2439	BGP Route Flap Damping	×	×
	IETF	RFC 4271	(BGP-4)	√	√
	IETF	RFC1772	BGP basic functions support	√	√
	IETF	RFC 1997	Support BGP community attribute	√	√
	IETF	RFC 1998	An Application of the BGP Community Attribute	√	√
	IETF	RFC 2842	Capabilities Advertisement with BGP-4	√	√
	IETF	RFC 2858	Multiprotocol Extensions for BGP-4	√	√
	IETF	RFC 2918	Route Refresh Capability for BGP-4	√	√
	IETF	RFC 3065	Support AS confederation	×	×
	IETF	RFC 3392	Support BGP capabliteis advertisement	√	√
	IETF	RFC 2545	BGP support	√	√

			IPV6		
	IETF	RFC 3107	Support BGP carry Label for MPLS	×	×
	IETF	RFC 1657	basic BGP4 MIB	√	√
	IETF	draft-ietf-idr-bgp4-mib-10	BGP Core MIB	×	×
	IETF	draft-ietf-idr-route-filter-06.txt	Support Cooperative Route Filtering Capability for BGP-4.	×	×
	IETF	draft-ietf-idr-bgp-ext-communities-05	Extended Community Attribute	×	×
	IETF	draft-ietf-idr-restart-08.txt	Supprot Graceful Restart Mechanism for BGP-4	×	×
	IETF	draft-ietf-idmr-bgp-mcast-attr-00.txt	bgp support the multicast	×	×
	IETF	draft-chen-bgp-prefix-orf-01.txt	Support ORF Based on Prefix	×	×
	IETF	draft-ramachandra-bgp-ext-communities-04.txt	Extended Community Attribute	×	×
	IETF	Internet draft draft-kato-bgp-ipv6-link-local-00.txt	BGP4+ Peering Using IPv6 Link-local Addres	×	×
	IETF	Internet draft draft-ietf-ngtrans-bgp-tunnel-04.txt	Connecting IPv6 Islands acros IPv4 Clouds with BGP	×	×
	IETF	Internet draft draft-ietf-idr-cap-neg-01.txt	Capabilities Negotiation with BGP4	×	×
	IETF	RFC 1700	Assigned Numbers	√	√
	IETF	RFC 1771	A Border Gateway Protocol 4 (BGP-4)	√	√

	IETF	RFC 2270	Using a Dedicated AS for Sites Homed to a Single Provider	√	√
	IETF	RFC 3562	Key Management Considerations for the TCP MD5 Signature Option	×	×
	IETF	RFC 4360	BGP Extended Communities Attribute	×	×
	IETF	RFC 4724	Graceful Restart Mechanism for BGP	×	×
	IETF	RFC 4781	Graceful Restart Mechanism for BGP with MPLS	×	×
DHCP					
	IETF	RFC1533	DHCP Options and BOOTP Vendor Extensions Class-identifier	√	√
	IETF	RFC 1542	Clarifications and Extensions for the Bootstrap Protocol	√	√
	IETF	RFC 2131	Dynamic Host Configuration Protocol.	√	√
	IETF	RFC 2132	DHCP Options and BOOTP Vendor Extensions	√	√
	IETF	RFC 3046	DHCP Option82	√	√
	IETF	RFC 3315	Dynamic Host Configutation Protocol for IPv6 (DHCPv6)	×	×
DNS					

	IETF	RFC 1034	Domain Names - Concepts and Facilities	√	√
	IETF	RFC 1035	Domain Names - Implementation and Specification	√	√
Ethernet					
	IEEE	IEEE 802.1D	Information technology--Telecommunications and information exchange between systems--Local and metropolitan area networks--Common specifications--Part 3:Media Access Control (MAC) Bridges，1998	√	√
	IEEE	IEEE Std 802.1p	IEEE Standards for Local and Metropolitan Area Networks: Virtual Bridged Local Area Networks	√	√
	IEEE	IEEE Std 802.1Q	Virtual Bridged Local Area Networks	√	√
	IEEE	IEEE 802.1ah	Provider Backbone Bridges	×	×
	IEEE	IEEE 802.1ad	Provider Bridges	√	√
	IEEE	IEEE 802.2	Information technology—Telecommunications and	√	√

			information exchange between systems— Local and metropolitan area networks— Specific requirements Part 2: Logical Link Control		
	IEEE	IEEE Std 802.3	Carrier Sense Multiple Access with Collision Detection (CSMA/CD) access method and physical layer specifications	√	√
	IEEE	IEEE Std 802.3ab	Physical Layer Parameters and Specifications for 1000 Mb/s Operation Over 4 Pair of Category 5 Balanced Copper Cabling, Type 1000BASE-T	√	√
	IEEE	IEEE Std 802.3ad	Link Aggregation Control Protocol	√	√
	IEEE	IEEE Std 802.3ae	10GE WAN/LAN standard	×	×
	IEEE	IEEE Std 802.3z	Gigabit Ethernet Standard	√	√
	IEEE	IEEE 802.1D	Spanning Tree Protocol	√	√
	IEEE	IEEE 802.1w	Rapid Spanning Tree Protocol	√	√
	IEEE	IEEE 802.1s	Multiple Spanning Tree	√	√

			Protocol		
	IEEE	IEEE 802.1AB-2005	IEEE Standard for Local and metropolitan area networks : Station and Media Access Control Connectivity Discovery	√	√
EtheOAM					
	IEEE	IEEE Std 802.3ah	Carrier Sense Multiple Access with Collision Detection (CSMA/CD) Access Method and Physical Layer Specifications Amendment:Media Access Control Parameters, Physical Layers, and Management Parameters for Subscriber Access Networks	√	√
	IEEE	IEEE P802.1ag	Virtual Bridged Local Area Networks—Amendment 5:Connectivity Fault Management	√	√
802.1x					
	IEEE	IEEE 802.1x	Port-Based Network Access Control	√	√

	IETF	RFC2284	PPP Extensible Authentication Protocol (EAP)	√	√
	IETF	RFC2716	PPP EAP-TLS Authentication Protocol	√	√
	IETF	RFC2246	TLS Protocol	√	√
MFF					
	IETF	RFC4562	MAC-Forced Forwarding	×	×
FTP/ TFTP/ Telnet					
	IETF	RFC 0959	File Transfer Protocol	√	√
	IETF	RFC 1350	The TFTP Protocol (Revision 2)	√	√
	IETF	RFC 0854	Telnet Protocol Specification.	√	√
	IETF	RFC 0855	Telnet Option Specifications	√	√
	IETF	RFC 0858	Telnet Suppress Go Ahead Option	√	√
ICMP					
	IETF	RFC 0792	Internet Control Message Protocol	√	√
	IETF	RFC 1256	ICMP Router Discovery Messages	√	√
	IETF	RFC 2463	Internet Control Mesage Protocol (ICMPv6) for the Internet Protocol Version 6 (IPv6) Specification	√	√
IGMP					
	IETF	RFC 1112	Host extensions for IP	√	√

			multicasting		
	IETF	RFC 2236	Internet Group Management Protocol, Version 2	√	√
	IETF	RFC 3376	Internet Group Management Protocol, Version 3	√	√
	IETF	Draft-IETFMagma-Snoop-11	Considerations for IGMP and MLD Snooping Switches	√	√
IGMP Snooping					
	IETF	RFC 4541	Considerations for Internet Group Management Protocol (IGMP) and Multicast Listener Discovery (MLD) Snooping Switches	√	√
IP					
	IETF	RFC 0791	Internet Protocol	√	√
	IETF	RFC 0791	Internet Control Message Protocol	√	√
	IETF	RFC 0950	Internet Standard Subnetting Procedure	√	√
	IETF	RFC 1122	Requirements for Internet Hosts - Communication Layers.	√	√
	IETF	RFC 1141	Incremental updating of the Internet	√	√

			checksum		
	IETF	RFC 0894	Standard for the transmission of IP datagrams over Ethernet networks. C. Hornig. Apr-01-1984. (Format: TXT=5697 bytes) (Also STD0041) (Status: STANDARD)	√	√
	IETF	RFC 1144	Compressing TCP/IP headers for low-speed serial links. V. Jacobson. Feb-01-1990. (Format: TXT=120959, PS=534729, PDF=255616 bytes) (Status: PROPOSED STANDARD)	√	√
	IETF	RFC2267	Network Ingress Filtering: Defeating Denial of Service Attacks which employ IP Source Address Spoofing	√	√
IS-IS					
	ISO	ISO 10589	ISO IS-IS Routing Protocol	√	√
	IETF	RFC 1142	OSI IS-IS Intra-domain Routing Protocol	√	√
	IETF	RFC 1195	Use of OSI IS-IS for Routing in TCP/IP and Dual	√	√

			Environments		
	IETF	RFC 2104	HMAC: Keyed-Hashing for Message Authentication	√	√
	IETF	RFC 2763	Dynamic Hostname Exchange Mechanism for IS-IS	√	√
	IETF	RFC 2966	Domain-wide Prefix Distribution with Two-Level IS-IS	√	√
	IETF	RFC 2973	IS-IS Mesh Groups	√	√
	IETF	RFC 3277	IS-IS Transient Blackhole Avoidance	√	√
	IETF	RFC 3359	Reserved Type, Length and Value (TLV) Codepoints in Intermediate System to Intermediate System	√	√
	IETF	RFC 3373	Three-Way Handshake for IS-IS Point-to-Point Adjacencies	×	×
	IETF	RFC 3567	IS-IS Cryptographic Authentication	√	√
	IETF	RFC 3719	Recommendations for Interoperable Networks using IS-IS	√	√
	IETF	RFC 3784	IS-IS extensions	√	√

			for Traffic Engineering		
	IETF	RFC 3786	Extending the Number of IS-IS LSP Fragments Beyond the 256 Limit	√	√
	IETF	RFC 3787	Recommendations for Interoperable IP Networks using IS-IS	√	√
	IETF	RFC 3847	Restart signaling for IS-IS	√	√
	IETF	draft-ietf-isis-admin-tags-01	Policy Control Mechanism in ISIS Using Administrative Tags	√	√
	IETF	draft-ietf-isis-wg-mib-16	Management Information Base for IS-IS	√	√
	IETF	Internet draft draft-ietf-isis-wg-multi-topology-11.txt	M-ISIS: Multi Topology (MT) Routing in IS-IS	×	×
	IETF	Internet draft draft-ietf-isis-snp-checksum-02.txt	Optional Checksums for IS-IS	×	×
	IETF	Internet draft draft-ietf-isis-ipv6-06.txt	Routing IPv6 with IS-IS	√	√
Multicast					
	IETF	RFC 1075	Distance Vector Multicast Routing Protocol	×	×
	IETF	RFC 2327	SDP: Sesion Description Protocol	×	×
	IETF	RFC 2365	Administratively Scoped IP Multicast	√	√
	IETF	RFC 2362	Protocol Independent	√	√

			Multicast-Sparse Mode (PIM-SM):Protocol Specification		
	IETF	RFC 2710	Multicast Listener Discovery (MLD) for IPv6	×	×
	IETF	RFC 2715	Interoperability Rules for Multicast Routing Protocols	×	×
	IETF	RFC 2934	Protocol Independent Multicast MIB for IPv4.	×	×
	IETF	RFC 2974	Session Announcement Protocol	×	×
	IETF	RFC 3208	PGM Reliable Transport Protocol Specification	×	×
	IETF	RFC 3569	An Overview of Source-Specific Multicast (SM)	√	√
	IETF	RFC 3590	Source Addres Selection for Multicast Listener Discovery Protocol	×	×
	IETF	RFC 4604	Using IGMP3 and MLDP Version 2 for Source-Specific Multicast	×	×
	IETF	RFC 4608	Source-Specific Protocol Independent Multicast in	√	√

			232/8		
	IETF	Internet draft draft-rosen-vpn-mcast-08.txt	Multicast in MPLS/BGP VPNs, Option 2	×	×
	IETF	draft-ietf-ssm-arch-xx	Source-Specific Multicast for IP	√	√
	IETF	draft-ietf-ssm-overview-xx	Source-Specific Multicast for IP	√	√
PIM					
	IETF	RFC 3973	Protocol Independent Multicast - Dense Mode (PIM-DM): Protocol Specification (Revised)	√	√
	IETF	RFC 4601	Protocol Independent Multicast - Sparse Mode (PIM-SM): Protocol Specification (Revised)	√	√
	IETF	RFC 4607	Source-Specific Multicast for IP	√	√
	IETF	draft-ietf-ssm-overview-05	An Overview of Source-Specific Multicast (SSM)	√	√
MSDP					
	IETF	RFC 3618	Multicast Source Discovery Protocol (MSDP)	×	×
	IETF	RFC 3446	Anycast Rendevous Point (RP) mechanism using Protocol Independent Multicast (PIM)	×	×

			and Multicast Source Discovery Protocol (MSDP)		
Network Management					
	IETF	RFC 1902	Structure of Management Information for Version 2 of the Simple Network Management Protocol (SNMPv2)	√	√
	IETF	RFC 1155	Structure and identification of management information for TCP/IP-based internets	√	√
	IETF	RFC 1157	A Simple Network Management Protocol (SNMP)	√	√
	IETF	RFC 1212	Concise MIB Definitions	√	√
	IETF	RFC 1213	Management Information Base for Network Management of TCP/IP-based internets: MIB-II.	√	√
	IETF	RFC 1229	Extensions to the generic-interface MIB	√	√
	IETF	RFC 1573	Evolution of the Interfaces Group of MIB-II	√	√

	IETF	RFC 1643	Definitions of Managed Objects for the Ethernet-like Interface Types	√	√
	IETF	RFC 1757	Remote Network Monitoring Management Information Base	√	√
	IETF	RFC 1905	Protocol Operations for Version 2 of the Simple Network Management Protocol (SNMPv2)	√	√
	IETF	RFC 1906	Transport Mappings for Version 2 of the Simple Network Management Protocol (SNMPv2)	√	√
	IETF	RFC 1907	Management Information Base for Version 2 of the Simple Network Management Protocol (SNMPv2)	√	√
	IETF	RFC 1944	Benchmarking Methodology for Network Interconnect Devices	√	√
	IETF	RFC 2011	SNMPv2 Management Information Base for the Internet	√	√

			Protocol using SMIv2		
	IETF	RFC 2012	SNMPv2 Management Information Base for the Transmission Control Protocol usingSMIv2	√	√
	IETF	RFC 2013	SNMPv2 Management Information Base for the User Datagram Protocol using SMIv2	√	√
	IETF	RFC 2273	SNMPv3 Applications	√	√
	IETF	RFC 2274	User-based Security Model (USM) for version 3 of the Simple Network Management Protocol (SNMPv3)	√	√
	IETF	RFC2570	Introduction to Version 3 of the Internet-standar d Network Management Framework	√	√
	IETF	RFC2571	An Architecture for Describing SNMP Management Frameworks	√	√
	IETF	RFC2572	Message Processing and Dispatching for the Simple Network	√	√

			Management Protocol (SNMP)		
	IETF	RFC2573	SNMP Applications	√	√
	IETF	RFC 2574	SNMPV3	√	√
	IETF	RFC 2575	View-based Access Control Model (VACM) for the Simple Network Management Protocol (SNMP)	√	√
	IETF	RFC2576	Coexistence between Version 1, Version 2, and Version 3 of the Internet-standard Network Management Framework	√	√
	IETF	RFC 2578	Structure of Management Information Version 2 (SMIv2)	√	√
	IETF	RFC 2579	Textual conventions for SMIv2	√	√
	IETF	RFC 2580	Conformance Statements for SMIv2	√	√
	IETF	RFC 2819	Remote Network Monitoring Management Information Base	√	√
	IETF	RFC 2863	The Interfaces Group MIB	√	√
	IETF	draft-ylonen-ssh-protocol-00	SSH protocol	√	√

	IETF	RFC 3411	An Architecture for Describing Simple Network Management Protocol (SNMP) management frameworks	√	√
	IETF	RFC 3412	Message processing and dispatching for Simple Network Management Protocol (SNMP)	√	√
	IETF	RFC 3413	Simple Network Management Protocol (SNMP) Applications	√	√
	IETF	RFC 3414	User-based Security Model (USM) for version 3 of the Simple Network Management Protocol (SNMPv3)	√	√
	IETF	RFC 3415	View-based Access control model (VACM) for the Simple Network Management Protocol (SNMP)	√	√
	IETF	RFC 3416	Version 2 of The Protocol Operations for the Simple Network Management Protocol (SNMP)	√	√
	IETF	RFC 3417	Transport Mappings for the Simple Network	√	√

			Management Protocol (SNMP)		
	IETF	RFC 3418	Management Information Base (MIB) for the Simple Network Management Protocol (SNMP)	√	√
	IETF	RFC 3584	Coexistence between Version 1, Version 2 and Version 3 of the Internet-standard Network Management Framework	√	√
OSPF					
	IETF	RFC 1587	The OSPF NSSA Option	√	√
	IETF	RFC 1765	OSPF Database Overflow	√	√
	IETF	RFC 1850	OSPF Version 2 Management Information Base	√	√
	IETF	RFC 1981	Path MTU Discovery for IP version 6	×	×
	IETF	RFC 2328	OSPF Version 2	√	√
	IETF	RFC 2329	OSPF Standardization Report	×	×
	IETF	RFC 2370	The The OSPF Opaque LSA Option	×	×
	IETF	RFC 2740	OSPF for IPv6	√	√
	IETF	RFC 3101	The OSPF NSA Option	×	×

	IETF	RFC 3513	Internet Protocol Version 6 (IPv6) Addresing Architecture	×	×
	IETF	RFC 3623	Graceful OSPF Restart	×	×
	IETF	RFC 3630	Traffic Engineering Extensions to OSPF	×	×
	IETF	RFC 4203	OSPF Extensions in Support of Generalized Multi-Protocol Label Switching (GMPLS)	×	×
	IETF	RFC 4552	Authentication / Confidentiality for OSPF v3	×	×
	IETF	RFC 4970	Extensions to OSPF for Advertising Optional Router Capabilities	×	×
	IETF	draft-ietf-ospf-lls-00	OSPF Link-local Signaling	√	√
	IETF	draft-ietf-ospf-oob-resync-01	OSPF Out-of-band LSDB resynchronization	√	√
	IETF	draft-ietf-ospf-restart-01	OSPF Restart Signaling	√	√
	IETF	draft-katz-yeung-ospf-traffic-09	OSPF TE support	×	×
	IETF	draft-ietf-tewg-diff-te-proto-02	OSPF DS-TE support	×	×
	IETF	Draft-ietf-ospf-ospfv3-mib-04	OSPF for ipv6 mib	×	×
	IETF	IETF draft-ietf-ospf-ospfv3-mib-11.txt	Management Information Base for OSPFv3	×	×

	IETF	IETF draft-ietf-ospf-lls-03.txt	OSPF Link-local Signaling	×	×
	IETF	IETF draft-ietf-ospf-ospfv3-traffic-08.txt	Traffic Engineering Extensions to OSPF version 3	×	×
	IETF	IETF draft-ietf-ospf-te-node-addr-03.txt	Advertising a Router's Local Addreses in OSPF TE extensions	×	×
	IETF	IETF draft-ietf-ospf-ospfv3-graceful-restart-04.txt	OSPFv3 Graceful Restart	×	×
	IETF	IETF draft-ietf-ospf-ospfv3-update-17.txt	OSPF for IPv6	×	×
QoS					
	IETF	RFC 2474	Definition of the Differentiated Services Field (DS Field) in the IPv4 and IPv6 Headers.	√	√
	IETF	RFC 2475	An Architecture for Differentiated Service	√	√
	IETF	RFC 3168	The Addition of Explicit Congestion Notification (ECN) to IP	√	√
	IETF	RFC 2597	Assured Forwarding PHB Group	√	√
	IETF	RFC 2598	An Expedited Forwarding PHB	√	√
	IETF	RFC 2309	Recommendations on Queue Management	√	√

			and Congestion Avoidance in the Internet.		
	DSL Forum	DSL Forum	DSL Evolution – Architecture Requirements for the Support of QoS-Enabled IP Services	√	√
RIP					
	IETF	RFC1058	Routing Information Protocol	√	√
	IETF	RFC 1721	RIP Version 2 Protocol Analysis	√	√
	IETF	RFC 1722	RIP Version 2 Protocol Applicability Statement	√	√
	IETF	RFC 1723	RIP Version 2 Carrying Additional Information	√	√
	IETF	RFC 1724	RIP Version 2 MIB Extension	√	√
	IETF	RFC 2080	RIPng for IPv6	√	√
	IETF	RFC 2081	RIPng Protocol Applicability Statement	√	√
	IETF	RFC 2082	RIP-2 MD5 Authentication	√	√
	IETF	RFC 2091	Triggered Extensions to RIP to Support Demand Circuits	×	×
	IETF	RFC 2453	RIP Version 2.	√	√
Route Protocol					
	IETF	RFC 1058	Network Time Protocol (version 1) specification	√	√

			and implementation		
	IETF	RFC 1519	Classless Inter-Domain Routing (CIDR): an Address Assignment and Aggregation Strategy	√	√
TCP					
	IETF	RFC 0793	Transmission Control Protocol	√	√
UDP					
	IETF	RFC 0768	User Datagram Protocol.	√	√
VRRP					
	IETF	RFC2338	Virtual Router Redundancy Protocol	√	√
	IETF	RFC2787	Definitions of Managed Objects for the Virtual Router Redundancy Protocol	√	√
IPv6					
	IETF	RFC 1887	An Architecture for IPv6 Unicast Addres Allocation	×	×
	IETF	RFC 2373	IP Version 6 Addresing Architecture	×	×
	IETF	RFC 2460	Internet Protocol, Version 6 (IPv6) Specification	×	×
	IETF	RFC 2461	Neighbor Discovery for IP Version 6 (IPv6)	×	×
	IETF	RFC 2462	IPv6 Stateles Addres	×	×

			Autoconfiguration		
	IETF	RFC 2464	Transmision of IPv6 Packets over Ethernet Networks	×	×
	IETF	RFC 2893	Transition Mechanisms for IPv6 Hosts and Routers	×	×
MEF					
	MEF	MEF2	Requirements and Framework for Ethernet Service Protection in Metro Ethernet Networks	×	×
	MEF	MEF3	Circuit Emulation Service Definitions, Framework and Requirements in Metro Ethernet Networks	×	×
	MEF	MEF4	Metro Ethernet Network Architecture Framework - Part 1: Generic Framework	×	×
	MEF	MEF6	Ethernet Services Definitions - Phase I	×	×
	MEF	MEF7	EMS-NMS Information Model	×	×
	MEF	MEF8	Implementation Agreement for the Emulation of PDH Circuits	×	×

			over Metro Ethernet Networks		
	MEF	MEF9	Abstract Test Suite for Ethernet Services at the UNI	×	×
	MEF	MEF10	Ethernet Services Attributes Phase 1 (obsoletes MEF 1 and MEF 5)	×	×
	MEF	MEF11	User Network Interface (UNI) Requirements and Framework	×	×
	MEF	MEF12	MEN Architecture Framework: Part 2 – Ethernet Services Layer	×	×
ITU					
	ITU	ITU SG13	Y.17ethoam	√	√
	ITU	ITU SG13	QoS control Ethernet-Based IP Access	√	√
Actual Standard in Industry					
	Xmodem	Xmodem	Chuck Forsberg, "XMODEM/YMODEM Protocol Reference"	√	√
CAPWAP					
	IETF	RFC5415	Control And Provisioning of Wireless Access Points (CAPWAP) Protocol Specification	√	√

	IETF	RFC5416	Control and Provisioning of Wireless Access Points (CAPWAP) Protocol Binding for IEEE 802.11	√	√
WMM					
	IEEE	802.11e	QoS for Wireless LAN: A Research Direction	√	√
Safety					
	IEEE	802.11i	Medium Access Control (MAC) Security Enhancements	√	√

Chinese National Standards

Code	Title	AC6605	AC6005
GB 3873-83	General specifications for products packaging of communication equipment	√	√
GB 4064-83	General guide for designing of electrical equipment to satisfy safety requirements	√	√
GB/T 15972-1995	Generic specifications for optical fibres	√	√
GBJ 79-85	Specifications for the design of earthing of industrial enterprises communication system	√	√
GB/T 3047.2-92	Series of basic dimensions of panels, racks and enclosures for vertical increment of 44.45 mm	√	√
GB 3047.4	Series of basic dimensions of subracks and plug-in units for vertical increment of 44.45mm	√	√
GB 191-90	Packaging - Pictorial marking for handling of goods	√	√
GB/T 4857.20-92	Packaging - Transport packages - Bump test method	√	√
GB/T 4857.21-95	Packaging - Transport packages - Mould-proof packaging test method	√	√
GB5048-85	Moisture-proof packaging	√	√
GB10819-89	Wooden skid-assemblies for transport package	√	√
GB 4943--95	Safety of information technology equipment including electrical business equipment	√	√
GB 5080.1-86	Equipment reliability testing	√	√
GB 6993-86	Reliability procedure for system and equipment development and production	√	√
GB 7450-87	Guidance for lightning protection for electronic equipment	√	√
GB 13158-91	Compatibility test procedures of clock and synchronization equipment of digital switch introduced into digital network	√	√
GB/T 19001-94	Quality systems--model for quality assurance	√	√
GB 2421-89	Basic environmental testing procedures for electric and electronic products - general	√	√

	and guidance		
GB 2423. 1-89	Environmental testing for electric and electronic products - Part 2: Test methods - Test A : Low temperature	√	√
GB 2423. 2-89	Environmental testing for electric and electronic products - Part 2: Test methods - Test B : High temperature	√	√
GB/T 2423.3	Environmental testing for electric and electronic products - Part 2: Test method - Test Ca: Damp heat, steady state	√	√
GB 2423.10-81	Environmental testing for electric and electronic products - Part 2: Test method- Test Fc: Vibration (sinusoidal)	√	√
GB 3482-83	Lightning test for electronic equipment	√	√
GB 3483-83	Guidance for lightning test for electronic equipment	√	√
GB 2828	Sampling procedures and tables for lot-by-lot inspection by attributes (apply to inspection of successive lots or batches)	√	√
GB 2829	Sampling procedures and tables for periodic inspection by attributes (apply to inspection of stability for productive process)	√	√
GB 4798.3	Environmental conditions existing in the application of electric and electronic products--Stationary use at weather-protected locations	√	√
GB 6388	Transport package shipping mark	√	√
GB 9254	Information technology equipment--Radio disturbance characteristics--Limits and methods of measurement	√	√
GB/T13426	Reliability requirements and test methods for digital communication equipment	√	√
GB/T13543	Environmental test methods for digital communication equipments	√	√
GB/T17618	Information technology equipment--Immunity characteristics--Limits and methods of measurement	√	√
GB/T15941	Requirements for synchronous digital hierarchy (SDH) optical fiber cable line systems of national public	√	√

	telecommunication network		
GB/T 17626.2-1999	Electromagnetic compatibility--Testing and measurement techniques--Electrostatic discharge immunity test	√	√
GB/T 17626.3-1998	Electromagnetic compatibility--Testing and measurement techniques--Radiated，radio-frequency， electromagnetic field immunity test	√	√
GB/T 17626.4-1998	Electromagnetic compatibility--Testing and measurement techniques--Electrical fast transient/burst immunity test	√	√
GB/T 17626.5-1999	Electromagnetic compatibility--Testing and measurement techniques--Surge immunity test	√	√
GB/T 17626.6-1998	Electromagnetic compatibility--Testing and measurement techniques--Immunity to conducted disturbances， induced by radio-frequency fields	√	√
GB/T 17626.8-1998	Electromagnetic compatibility(EMC) - Part 4-8: Testing and measurement techniques - Power frequency magnetic field immunity test	√	√
GB 9254-1998	Information technology equipment--Radio disturbance characteristics--Limits and methods of measurement	√	√
GB 15629.11-2003 and GB 15629.1102-2003	Guide for WAPI	√	√

Product Authentication

Standard	Title	Description	AC6605 Comliance	AC6005 Comliance
EMC	EMI		√	√
	FCC CFR47 Part 15 Class A		√	√
	EN55022 Class A		√	√
	CISPR 22 Class A		√	√
	Immunity:		√	√
	EN61000-3-2/IEC-1000-3-2, Power line harmonics		√	√
	EN61000-4-2/IEC-1000-4-2, ESD		√	√
	EN61000-4-3/IEC-1000-4-3, Radiated immunity		√	√
	EN61000-4-4/IEC-1000-4-4, EFT		√	√
	EN61000-4-5/IEC-1000-4-5, Surge Signal Port		√	√
	EN61000-4-5/IEC-1000-4-5, Surge DC Port		√	√
	EN61000-4-6/IEC-1000-4-6, Low frequency conducted immunity		√	√
	EN61000-4-11/IEC-1000-4-11, Voltage dips and sags		√	√
	EN61000-4-29/IEC61000-4-29, Voltage dips and sags		√	√
	EMC Directive 89/336/EEC		√	√
	EMC Directive 2004/108/EC		√	√
	VCCI V-3 Class A		√	√

	ICES-003 Class A		√	√
	AS/NZS CISPR 22 Class A		√	√
	CNS 13438 Class A		√	√
	GB9254 Class A		√	√
Safty	UL 60950-1		√	√
	CAN/CSA 22.2 No.60950-1		√	√
	EN 60950-1		√	√
	IEC 60950-1 and all country deviations		√	√
	GB 4943		√	√
ETS	ETS 300 019-1 Equipment Engineering (EE)	Environmental conditions and environmental tests for telecommunications equipment; Part 1: Classification of environmental conditions	√	√
	ETS 300 119-2 Equipment Engineering (EE)	Environmental conditions and environmental tests for telecommunications equipment; Part 2: Specification of environmental tests	√	√
	ETS 300753 Equipment Engineering (EE)	Acoustic noise emitted by telecommunications equipment	√	√
IEC	IEC 1000 1995	Electromagnetic compatibility	√	√
	IEC 297 1986	Dimensions of mechanical structures of the 482.6 mm series	√	√
	IEC326-2B 1982	PCB	√	√
	IEC679-1 1985	CRYSTAL	√	√
	IEC61000-4-2	Electromagnetic compatibility (EMC) - Part 4-2: Testing and measuring techniques	√	√
	IEC61000-4-3	Electromagnetic compatibility (EMC) - Part 4-3: Testing and measurement techniques	√	√

		- Radiated, radio-frequency, electromagnetic field immunity test		
	IEC 61000-4-4	Electromagnetic compatibility (EMC) - Part 4-4: Testing and measurement techniques - Electrical fast transient/burst immunity test	√	√
	IEC 61000-4-5	Electromagnetic compatibility (EMC) - Part 4-5 : Testing and measurement techniques - Surge immunity test	√	√
	IEC 61000-4-6	Electromagnetic compatibility (EMC) - Part 4-6:Testing and measurement techniques - Immunity to conducted disturbances, induced by radio-frequency fields	√	√
	IEC 61000-3-2	Electromagnetic compatibility (EMC) - Part 3-2: Limits- Limitation for harmonic current radiation (Equipment Input Current ≤ 16A per phase)	√	√
	IEC 61000-3-3	Electromagnetic compatibility (EMC) - Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase	√	√
	IEC 61754-4	Fibre optic connector interfaces - Part 4	√	√
	ISO/IEC 11801	Information technology - Generic cabling for	√	√

		customer premises		
	ISO/IEC 15802	Information technology - Telecommunications and information exchange between systems - Local and metropolitan area networks - Common specifications	√	√
	IEC62151	Safety of equipment electrically connected to a telecommunication network	√	√
	CISPR22	Information Technology Equipment-radio disturbance characteristics-limits and methods of measurement	√	√
MEF	MEF-9	MEF-9	×	×
	MEF-14	MEF-14	×	×

Industry Standards

Code	Title	AC6605	AC6005
YDN 122-1996	Nameplate on products of posts and telecommunications	√	√
SJ 20454- 1994	Design procedure guide of reliability for electronic equipment	√	√

Huawei Codes

Standard	Title	AC6605	AC6005
Code of Design for Systems	Code of Design for Interface Indicators on Boards	√	√
	Code of Panel Identifications on Broadband Products	√	√
	Code of Naming for Silkscreen on Panel and Handle Interfaces	√	√
	Code of Design for Indicators on Boards	√	√
	Huawei Code of Identifications and Codes for Products	√	√
	Code of Storage Format for Information of Boards	√	√
	Code of Version Reporting for Boards	√	√
	Design Guide to Temperature Monitoring of Boards	√	√
	Design Guide to Voltage Monitoring of Boards	√	√
	Code of Definition for Models of Huawei Self-made Components	√	√
Code of Design for NMS Accounting	Technical Code of Definition for SNMP MIB V1.1	√	√
	Code of Interface Testing for NMS Performance Management	√	√
	Code of Function Testing for NMS Performance Management	√	√
	Code of Northbound Interface Testing for NMS performance management	√	√
	Code of Northbound Interfaces for NMS performance management	√	√
	Code of Function for NMS performance management	√	√
	Code of Interface for NMS performance management interfaces	√	√
	Code of Interfaces Between Modules for NMS Performance Management	√	√

	Code of Device Interfaces for NMS Performance Management	√	√
	Code of Development Interfaces for NMS Product	√	√