



GLOSSARY

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Numerics

802.1P
802.1Q 802.1P and 802.1Q are the standards proposed by the inter-working task groups of the 802 standards committee. 802.1Q is the IEEE Standard for Local and Metropolitan Area Networks: Virtual Bridge Local Area Network (VLAN). 802.1P is the IEEE Standard for Local and Metropolitan Area Networks – Supplement to Media Access Control (MAC) Bridges: Traffic Expanding and Dynamic Multicasting Filtering.

A

ARQ Admission Request

B

Border Element A device that is used in the periphery of the network to separate two different networks and to serve as a demarcation device

BRI Basic Rate Interface

C

CAC Call admission control

Cascade The process of connecting two or more MCUs to create a larger conference.

Codec Coder-decoder, for digitizing voice and video. Compression algorithms can also be used during the digitizing process.

CoS Class of Service

cRTP Compressed Real-time Transport Protocol

D

DID	Direct Inward Dialing
DSCP	Differentiated Services Code Point is an Internet Engineering Task Force (IETF) standard that uses six bits in the ToS (Type of Service) field of the IPv4 header to specify class of service for each packet.
DTMF	Dual Tone Multi-Frequency

E

E.164	Address format used for H.323 devices
EMP	Enhanced Media Processor

G

Gatekeeper	Used for H.323 registration, call routing, and admission control
G.711	G.711 pulse code modulation (PCM) encoding provides 64 kbps analog-to-digital conversion using mu-law or a-law.

H

H.261	Video codec protocol
H.263	Video codec protocol
H.323	Standard protocol for audio, video, and data communications across IP-based networks
H.323-ID	Alphanumeric identifier assigned to an H.323 video terminal
hopoff	Command added to a Cisco gatekeeper for static inter-zone routing
HSRP	Hot Standby Routing Protocol

I

IMUX	Inverse Multiplexer
IP	Internet Protocol
IP Precedence	IP Precedence uses the three precedence bits in the ToS (Type of Service) field of the IPv4 header to specify class of service for each packet.

ISDN Integrated Services Digital Network

IVR Interactive Voice Response

L

LAN Local Area Network

LLQ Low Latency Queuing is a QoS mechanism that ensures the timely queuing of critical, delay-sensitive traffic.

LRQ Location Request

M

MC Multipoint Controller

MCM Multimedia Conference Manager

MCU Multipoint Control Unit, used for video conferences containing more than two endpoints

MP Multipoint Processor

MSN Multiple Subscriber Number

P

PRI Primary Rate Interface

Proxy H.323-to-H.323 gateway used for assigning QoS and security access

PSTN Public Switched Telephone Network

Q

QoS Quality of Service

R

RAS Registration, Admission, and Status protocol

RRQ Registration Request

RSVP Resource Reservation Protocol

RTCP	Real-time Control Protocol
RTP	Real-time Transport Protocol

S

SCCP	Skinny Client Control Protocol
Service Prefix	A digit string used to identify a service on an MCU or gateway
Stacking	Grouping MCUs to obtain a larger number of multipoint conferences

T

ToS	Type of Service
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W

WAN	Wide Area Network
WRED	Weighted Random Early Detection
WRR	Weighted Round Robin

Z

Zone	A logical group of H.323 infrastructure components managed by a single gatekeeper
Zone Prefix	A digit string used to identify a group of H.323 devices