
VoIP Glossary and List of Acronyms

ACELP

Algebraic Code-Excited Linear Prediction

ACK

Acknowledgement

ADPCM

Adaptive Differential Pulse Code Modulation

Amplification

Boosting of signal strength

Analog

Variable signals across an infinite set of values

ANSI

American National Standards Institute

API

Application Programming Interface

ARP

Address Resolution Protocol

ATM

Asynchronous Transfer Mode

Attenuation

Loss in signal strength

Bandwidth

The width of the passband used to transmit a signal

Baseband

Signals pulsed directly without frequency division

Baud

Signaling rate

Broadband

Signals pulsed using some form of frequency division multiplexing

Broadcast

Transmit to all members of a group

Checksum

Sum of a group of digits for error checking

CIR

Committed Information Rate

CO

Central Office

CODEC

Coder/decoder

Companding

Compressing/expanding

COS

Class of Service

CS-ACELP

Conjugated Structure Algebraic Code-Excited Linear Prediction

CSMA/CD

Carrier Sense Multiple Access with Collision Detection

DDP

Datagram Delivery Protocol

DHCP

Dynamic Host Configuration Protocol

DiffServ

Differentiated Services

Digital

Discrete signals across a predefined set of values

DNS

Domain Name System

DoS

Denial of Service

DSL

Digital Subscriber Line

DSP

Digital Signal Processor

DTMF

Dual Tone Multi-Frequency

FCC

Federal Communications Commission

FTP

File Transfer Protocol

Full Duplex

Two-way

Half Duplex

Alternating two-way

HostID

Host Identifier

HTTP

Hypertext Transfer Protocol

ICMP

Internet Control Message Protocol

IEC

InterExchange Carrier

IEEE

Institute of Electrical and Electronics Engineers

IETF

Internet Engineering Task Force

IHL

Internet Header Length

IP

Internet Protocol

IPX

Internetwork Packet Exchange

ISDN

Integrated Services Digital Network

ISOC

Internet Society

ISP

Internet Service Provider

ISUP

Integrated Services Digital Network User Part

ITSP

Internet Telephony Service Provider

ITU-T

International Telecommunication Union-Telecommunication Standardization Sector

ITXC

Internet Telephony Exchange Carrier

IXC

InterExchange Carrier

LAN

Local Area Network

LD-CELP

Low Delay Code-Excited Linear Prediction

LEC

Local Exchange Carrier

LSR

Label Switching Router

MEGACO

Media Gateway Control

MF

Multi-Frequency

MGC

Media Gateway Controller

MGCP

Media Gateway Control Protocol

MOS

Mean Opinion Score

MPEG

Moving Pictures Experts Group

MPLS

Multi-Protocol Label Switching

MPMLQ

Multi-Pulse Maximum Likelihood Quantization

NAT

Network Address Translation

NetID

Network Identifier

Octet

Eight bits of data

OS

Operating System

OSI

Open Systems Interconnection

OSPF

Open Shortest Path First

Padding

Fill characters

PAM

Pulse Amplitude Modulation

Passband

The range of frequencies used to transmit a signal

PBX

Private Branch Exchange

PCM

Pulse Code Modulation

PING

Packet Internet Groper written by Mike Muuss

POP

Point of Presence

Port

A logical point of connection

POTS

Plain Old Telephone Service

PPP

Point-to-Point Protocol

PSTN

Public Switched Telephone Network

QoS

Quality of Service

Quantize

Encode a PAM signal into a PCM signal

RAS

Registration, Admission, and Status

RFC

Request for Comment

RIP

Routing Information Protocol

Routing

Selecting an appropriate path for a message

RSVP

Resource Reservation Protocol

RTCP

Real Time Control Protocol

RTP

Real Time Transport Protocol

SAP

Session Announcement Protocol

SDH

Synchronous Digital Hierarchy

SDP

Session Description Protocol

SGCP

Simple Gateway Control Protocol

Simplex

One way

SIP

Session Initiation Protocol

SLA

Service Level Agreement

SLIP

Serial Line Internet Protocol

SMTP

Simple Mail Transfer Protocol

S/N

Signal-to-Noise ratio

SNA

Systems Network Architecture

SNMP

Simple Network Management Protocol

SS7

Signaling System 7

SSH

Secure Shell

Switching

Placing temporary links between connections

SYN

Synchronize Sequence Number

TCP

Transmission Control Protocol

TCP/IP

Transmission Control Protocol/Internet Protocol

TDM

Time Division Multiplexing

TIA

Telecommunications Industries Association

TSAPI

Transport Service Access Point Identifier

UDP

User Datagram Protocol

URL

Uniform Resource Locator

VoIP

Voice over IP

VPN

Virtual Private Network

WAN

Wide Area Network

WI-FI

Wireless Fidelity

WWW

World Wide Web

XML

Extensible Markup Language