

Abbreviation Index

A

AAA: Authentication, Authorization and Accounting
ACM: Adaptive Computing Machine
AFLT: Advanced Forward Link Trilateration
AG: Access Gateway
AHB: Advanced High-performance Bus
AIE: Air Interface Evolution
AMPS: Advanced Mobile Phone System
AMRIS: Ad hoc Multicast Routing Protocol utilizing Increasing ID numbers
AMRoute: Ad hoc Multicast Routing
AOA: Angle of Arrival
AODV: Ad hoc On-Demand Distance Vector
APB: Advanced Peripheral Bus
API: Application Programming Interface
AQM: Ad hoc QoS Multicasting
ARM: Advanced RISC Machines
ARPU: Average Revenue Per User
AS: Autonomous Systems
ASON: Automatic Switching Optical Network

B

B/S: Browser/Server
BOSS: Business and Operations Support System
BPM: Business Process Management
BS: Base Stations
BSC: Base Station Controller
BSS: Business Support System
BTS: Base Transceiver Station

C

CAMP: Core Assisted Mesh Protocol
CAN: Content Addressable Networks
CCSA: China Communications Standards Association
CDMA: Code Division Multiplex Access
CELL-ID: Cell Identification
CIM: Common Information Model
CORBA: Common Object Request Broker Architecture
COTS: Commercial Off-The-Shelf Software
CPE: Customer Premise Equipment
CRDB: Coordinate Routing Data Base
CRM: Customer Relationship Management

CSP: Customer Services Provider

D

DB: Database
DCN: Data Communication Network
DHT: Distributed Hash Table
DMA: Direct Memory Access
DMTF: Distributed Management Task Force
DNS: Domain Name Server
DSL: Digital Subscriber Line
DSP: Digital Signal Processor

E

E3G: Enhanced 3G
EPON: Ethernet Passive Optical Network
ESME: Emergency Service Message Entity
ESNE: Emergency Service Network Entity
eTOM: enhanced Telecom Operations Map
ETSI: European Telecommunications Standard Institute

F

FAB: Fulfillment, Assurance and Billing
FCC: Federal Communication Commission
FGNGN: Focus Group on Next Generation Network
FuTure: Future Technologies for a Universal Radio Environments

G

GDMO: Guidelines for Definition of Managed Objects
GIS: Geographic Information System
GPS: Global Positioning System
GSC: Global Standards Collaboration
GSM: Global System for Mobile Communication

H

HSDPA: High-Speed Downlink Packet Access
HSUPA: High-Speed Uplink Packet Access

I

IAD: Integrated Access Device
IC: Integrated Circuit

ICMP: Internet Control Message Protocol
ICT: Information Communication Technology
IETF: Internet Engineering Task Force
IMS: IP Multimedia Subsystem
IMT: International Mobile Telecommunications
IPDL: Idle Period on the Down Link
IPR: Intellectual Property Rights
IPv6: Internet Protocol version 6
ITIL: IT Infrastructure Library
ITSMF: IT Service Management Forum
ITU: International Telecommunications Union
ITU-T: International Telecommunications Union-Telecommunication Standardization Sector
IWF: Interworking Function

L

LAN: Local Area Network
LBS: Location-Based Service
LMU: Location Measurement Unit
LSME: Location Service Message Entity
LSNE: Location Service Network Entity
LTE: Long Term Evolution

M

MACT: Multicast Activation
MAN: Metropolitan Area Network
MAODV: Multicast Ad hoc On-demand Distance Vector
MCM: Multi-Carrier Modulation
MCU: Micro Control Unit
MIB: Management Information Base
MIMO: Multi-Input Multi-Output
MMC: Multimedia Control
MMI: Multimedia Interface
MO: Mobile station Originated
MPC: Mobile Positioning Center
MS: Mobile Station
MSC: Mobile Switching Center
MSM_ID: Multicast Session Member Identifier
MSS: Management Support System
MSTP: Multi-Service Transport Platform
MT: Mobile station Terminated
MTU: Maximum Transmission Unit

Abbreviation Index

N

NAT: Network Address Translation
 NE: Network Element
 NETFLOW: Network Flow
 NGI: Next Generation Internet
 NGN: Next Generation Network
 NGNMFG: Next Generation Network Management Focus Group
 NGOSS: New Generation Operations Systems and Software
 NLOS: Non-Line-Of-Sight
 NMF: Network Management Forum
 NMS: Network Management System

O

OAM: Operations Administration and Maintenance
 OASIS: Organization for the Advancement of Structured Information Standards
 ODMRP: On-Demand Multicast Routing Protocol
 OFDM: Orthogonal Frequency Division Multiplex
 OFDMA: Orthogonal Frequency Division Multiplex Access
 OMAP: Open Multimedia Applications Platform
 OS: Operation System
 OSS: Operations Support System
 OSPF: Open Shortest Path First
 OTDOA: Observed Time Difference of Arrival

P

P2P: Peer-to-Peer
 PAN: Personal Area Network
 PDE: Position Determination Entity
 PDSN: Packet Data Switching Node
 PSAP: Public Safety Answering Point
 PSTN: Public Switched Telephone Network
 PTT: Push-To-Talk

Q

QoS: Quality of Service

R

RADIUS: Remote Authentication Dial in User Service

RAM: Random Access Memory
 RAN: Radio Access Network
 RF: Radio Frequency
 RFC: Request For Comment
 RM&O: Resource Management and Operations
 RMON: Remote Monitoring
 RREQ: Routing Request
 RREP: Routing Response
 RTT: Radio Transmission Technology

S

SCU: Serial Communication Unit
 SDH: Synchronous Digital Hierarchy
 SDR: Software Defined Radio
 SDRAM: Synchronous Dynamic Random Access Memory
 SFN OTDOA: System Frame Number Observed Time Difference Of Arrival
 SG: Signaling Gateway
 SIA: Session Interface Application
 SID: Shared Information/Data
 SIR: Signal to Interference Ratio
 SLA: Service Level Agreement
 SM&O: Service Management and Operations
 SMS: Short Message Service
 SMSC: Short Message Service Center
 SNMP: Simple Network Management Protocol
 SNMPv2: Structure of Management Information for version 2 of the Simple Network Management Protocol
 SNR: Signal to Noise Ratio
 SoC: System on a Chip
 SP: Service Providers
 S/P: Supplier/Partner
 SRAM: Static Random Access Memory
 SSL: Security Socket Layer
 SYSLOG: System Log

T

TACS: Total Area Control System
 TAM: Telecom Application Map
 TCP: Transmission Control Protocol

TCP/IP: Transmission Control Protocol/Internet Protocol
 TDM: Time Division Multiplexing
 TDOA: Time Difference of Arrival
 TG: Trunk Gateway
 TMF: TeleManagement Forum
 TMN: Telecommunications Management Network
 TNA: Technology Neutral Architecture
 TOA: Time of Arrival
 TSG-SA: Technical Specification Group-Service and System Aspects
 TTL: Time To Live

U

UMTS: Universal Mobile Telecommunications System
 USB: Universal Serial Bus

V

VoIP: Voice over Internet Protocol

W

WAG: Wireless-assisted Globam Positioning system
 WAN: Wide Area Network
 WCDMA: Wideband Code Division Multiplex Access
 WDM: Wavelength Division Multiplexing
 Wi-Fi: Wireless Fidelity
 WiMAX: World Interoperability Microwave Access
 WIMP: Windows, Icons, Menus, and Pointers
 WLAN: Wireless Local Area Network
 WMAN: Wireless Metropolitan Area Network
 WSI: Wireless Subscriber Information

X

xDSL: Digital Subscriber Line Technologies
 XML: Extensible Markup Language