



Glossary

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Glossary

A

AAA	Authentication, Authorization, and Accounting
AC	Access Categories
ACM	Admission Control Mandatory
ADDTs	Add Traffic Stream
AES	Advanced Encryption Standard
ANonce	Authenticator Nonce
AP	Access Points
AVC	Application Visibility and Control
AVVID	Architecture for Voice, Video, and Integrated Data

B

BPSK	Binary Phase Shift Keying
BSS	Basic Service Set
BSSID	Basic Service Set Identifier

BT	Bluetooth
BTK	Base Transient Key
BYOD	Bring Your Own Device

C

CAC	Call Admission Control
CAPWAP	Control and Provisioning of Wireless Access Points
CCA	Clear Channel Assessment
CCKM	Cisco Centralized Key Management
CCX	Cisco Compatible Extensions
CLI	Command Line Interface
CoS	Class of Service
CSMA-CA	Carrier Sense Multiple Access-Collision Avoidance

D

dBm	Decibels per Milliwatt
DCF	Distributed Coordination Function
DFS	Dynamic Frequency Selection
DHCP	Dynamic Host Configuration Protocol
DNS	Domain Name Services
DS	Distributed System
DSCP	Differentiated Services Code Point
DTIM	Delivery Traffic Indication Map

E

EAP	Extensible Authentication Protocol
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EAP-FAST	EAP-Flexible Authentication via Secure Tunneling
EAP-TLS	EAP-Transport Layer Security
EAPOL	EAP over LAN
EDCF	Enhanced Distributed Coordination Function
EF	Expedited Forwarding
EMI	Electromagnetic interference
EIGRP	Enterprise Interior Gateway Routing Protocol
EOSP	End-of-Service Period

F

FMS	Fixed Mobile Substitution
FT	Fast Transition

G

GTC	Generic Token Card
GTK	Group Temporal Key
GUI	Graphical User Interface

H

HA	High Availability
HCCA	Hybrid Coordinated Channel Access
H-REAP	Hybrid Remote Edge Access Point
HSRP	Hot Standby Router Protocol
HT	High Throughput

I

IE	Information element
IKE	Internet Key Exchange
IM	Instant Messaging
IP	Internet Protocol

K

KRK	Key Request Key
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L

LEAP	Lightweight EAP
LBS	Location-based Service

M

MAC	Media Access Control
MCU	Media Control Unit
MIC	Message Integrity Check
MIMO	Multiple Input - Multiple Output
MOS	Mean Opinion Score
MRC	Maximum Ratio Combining
MSCHAPv2	Microsoft Challenge-Handshake Authentication Protocol Version 2

N

NBAR	Network Based Application Recognition
NSK	Network Session Key
NTP	Network Time Services

O

OFDM	Orthogonal Frequency Division Multiplexing
OKC	Opportunistic Key Cache
OSI	Open Systems Interconnection
OSPF	Open Shortest Path First

P

PAC	Protected Access Credentials
PC	Personal Computer
PEAP	Protected EAP
PHB	Per Hop Behavior
PIM	Protocol Independent Multicast
PKC	Proactive Key Caching
PKI	Public Key Infrastructure
PLCP	Physical Layer Convergence Protocol
PMK	Pair-wise Master Key
PSTN	Public Switched Telephone Network
PTK	Pair-wise Temporal Key

Q

QAM	Quadrature Amplitude Modulation
QBSS	QoS Basic Service Set
QPSK	Quadrature Phase Shift Keying
QoE	Quality of Experience
QoS	Quality of Service

R

RADIUS	Remote Authentication Dial-in User Service
RF	Radio Frequency
RMM	Remote Management Module
RRM	Radio Resource Management
RSSI	Received Signal Strength Indication
RToWLAN	Real-Time Traffic over Wireless LAN

S

SIP	Session Initiation Protocol
SLA	Service-level Agreements
SNR	Signal-to-Noise Ratio
SNonce	Supplicant Nonce
SSID	Service Set Identifiers

T

TDM	Time Division Multiplexing
TIM	Traffic Indicator Map
TKIP	Temporal Key Integrity Protocol
TLS	Transport Layer Security
TPC	Transmitter Power Control
TSPEC	Traffic Specification
TSRS	Traffic Stream Rate Set
TXOP	Transmit Opportunity

U

U-APSD	Unscheduled Automatic Power-Save Delivery
UDP	User Datagram Protocol
UNII	Unlicensed National Information Infrastructure
UP	User Priority

V

VHT	Very High Throughput
VoWLAN	Voice over Wireless LAN
VoIP	Voice over Internet Protocol
VPN	Virtual Private Network

W

WCS	Wireless Control System
WEP	Wired Equivalent Privacy
WLC	Wireless LAN Controller
WLAN	Wireless LAN
WMM	Wi-Fi Multimedia Mode
WPA	Wi-Fi Protected Access
WPA2	Wi-Fi Protected Access 2

