





APPENDIX C

Acronyms

Table C-1 lists the acronyms and initialisms commonly used in CPwE documentation.

Table C-1 Acronyms and Initialisms

Term	Description
1:1	One-to-One
AAA	Authentication, Authorization, and Accounting
AD	Microsoft Active Directory
AD CS	Active Directory Certificate Services
AD DS	Active Directory Domain Services
AES	Advanced Encryption Standard
ACL	Access Control List
AH	Authentication Header
AIA	Authority Information Access
AMP	Advanced Malware Protection
ASDM	Cisco Adaptive Security Device Manager
ASIC	Application Specific Integrated Circuit
ASR	Cisco Aggregation Services Router
BYOD	Bring Your Own Device
CA	Certificate Authority
CDP	CRL Distribution Points
CIP	ODVA, Inc. Common Industrial Protocol
CLI	Command Line Interface
CoA	Change of Authorization
CoS	Class of Service
CPwE	Converged Plantwide Ethernet
CRD	Cisco Reference Design
CRL	Certificate Revocation List
CSR	Certificate Signing Request
CSSM	Cisco Smart Software Manager
CTL	Certificate Trust List
CUR	Coarse Update Rate
CVD	Cisco Validated Design

Table C-1 Acronyms and Initialisms (continued)

DCCL Downloadable Access Control List DC Domain Centroller DHCP Dynamic Host Configuration Protocol DBG Design and Implementation Guide DLR Device Level Ring DMVPN Dynamic Multipoint Virual Private Network DNS Domain Small Reportion DSR Domain Multipoint Virual Private Network DNS Democratic Private Network EAP Extensible Authentication Protocol EAP Extensible Authentication Protocol EIGRP Enforcement over IP EBM Enterprise Resource Planning ESP Endeapolating Security Protocol ESP Enterpolated Services Notice FIG First-In Firus-Out FIG First-In Firus-Out	Term	Description
DC Domain Controller DICP Dynamic Host Configuration Protocol DICR Design and Implementation Guide DLR Device Level King DMYPN Dynamic Multipoint Virual Private Network DNS Domain Name System DPI Deep Packet Inspection DSRM Directory Services Restoration Mode EAP Extensible Authentication Protocol EAP IL Extensible Authentication Protocol Transport Layer Security EIGRP Enhanced Interior Gateway Routing Protocol EMI Enterpties Resource Planning EMP Enterpties Resource Planning ESP Enterpties Resource Planning		
DHCP Dynamic Host Configuration Protocol DIG Design and Implementation Guide DLR Device Level Ring DMVPPN Dynamic Multipoint Virtual Private Network DNS Domain Name System DPI Deep Packet Inspection DSRM Directory Services Restoration Mode EAP Extensible Authentication Protocol EAPTIS Extensible Authentication Protocol-Transport Layer Security EIGRP Enhanced Interior Gateway Routing Protocol EMI Enterprise Manufacturing Intelligence EolP Enterprise Resource Planning ESP Enterprise Resource Planning ESP Enterprise Resource Planning ESP Encapulating Security Protocol ESR Embedded Services Router FIB Forwarding Information Base FIFO First-In First-Out FORA Field-Programmable Gate Array		
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ISE Cisco Identity Services Engine ISR Integrated Service Router IT Information Technology	ISAKMP	Internet Security Association and Key Management Protocol
ISR Integrated Service Router IT Information Technology	ISP	Internet Service Provider
IT Information Technology	ISE	Cisco Identity Services Engine
	ISR	Integrated Service Router
LBS Location Based Services	IT	Information Technology
	LBS	Location Based Services

Table C-1 Acronyms and Initialisms (continued)

Term	Description
LWAP	Lightweight Access Point
MAB	MAC Authentication Bypass
MAC	Media Access Control
MDM	Mobile Device Management
ME	FactoryTalk View Machine Edition
mGRE	Multipoint Generic Routing Encapsulation
MLS	Multilayer Switching QoS
MMC	Microsoft Management Console
MnT	Monitoring Node
MPLS	Multiprotocol Label Switching
MQC	Modular QoS CLI
MSE	Mobile Service Engine
MSS	Maximum Segment Size
MTTR	Mean Time to Repair
MTU	Maximum Transmission Unit
NAC	Network Access Control
NAT	Network Address Translation
NDES	Network Device Enrollment Service
NHRP	Next Hop Routing Protocol
NOC	Network Operation Center
NPS	Microsoft Network Policy Server
NSP	Native Supplicant Profile
NTP	Network Time Protocol
OCSP	Online Certificate Status Protocol
OEE	Overall Equipment Effectiveness
OEM	Original Equipment Manufacturer
OT	Operational Technology
OTA	Over-the-Air
OU	Organizational Unit
PAC	Programmable Automation Controller
PAN	Policy Administration Node
PAT	Port Address Translation
PCS	Process Control System
PEAP	Protected Extensible Authentication Protocol
PKI	Public Key Infrastructure
pps	Packet per second
PSK	Pre-Shared Key
PSN	Policy Service Node
PTP	Precision Time Protocol
QoS	Quality of Service
RA	Registration Authority
RADIUS	Remote Authentication Dial-In User Service
RAS	Remote Access Server
RD	Route Descriptor

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Table C-1 Acronyms and Initialisms (continued)

Term	Description
RDG	Remote Desktop Gateway
RDP	Remote Desktop Protocol
RDS	Remote Desktop Services
REP	Resilient Ethernet Protocol
RPI	Request Packet Interval
RTT	Round Trip Time
SA	Security Association
SaaS	Software-as-a-Service
SCEP	Simple Certificate Enrollment Protocol
SE	FactoryTalk View Site Edition
SHA	Secure Hash Standard
SIG	Secure Internet Gateway
SPW	Software Provisioning Wizard
SSID	Service Set Identifier
STP	Spanning-Tree Protocol
SYN	Synchronization
TAI	International Atomic Time
TCN	Topology Change Notification
TCP	Transmission Control Protocol
TLS	Transport Layer Security
UDP	User Datagram Protocol
UTC	Coordinated Universal Time
VLAN	Virtual Local Area Network
VM	Virtual Machine
VNC	Virtual Network Computing
VPN	Virtual Private Network
VRF	Virtual Route Forwarding
VSS	Virtual Switching System
WAN	Wide Area Network
wIPS	wireless Intrusion Prevention Service
WLAN	Wireless LAN
WLC	Cisco Wireless LAN Controller
WSA	Cisco Web Security Appliance
ZFW	Zone-Based Policy Firewall