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## Appendix A Acronyms

A	
AAA	Authentication, Authorization and Accounting
ABR	Area Border Router
ACL	Access Control List
ARP	Address Resolution Protocol
AS	Autonomous System
ASBR	Autonomous System Border Router
B	
BDR	Backup Designated Router
C	
CAR	Committed Access Rate
CLI	Command Line Interface
CoS	Class of Service
D	
DHCP	Dynamic Host Configuration Protocol
DR	Designated Router
D-V	Distance Vector Routing Algorithm
E	
EGP	Exterior Gateway Protocol
F	
FTP	File Transfer Protocol
G	
GARP	Generic Attribute Registration Protocol
GE	Gigabit Ethernet
GVRP	GARP VLAN Registration Protocol
GMRP	GARP Multicast Registration Protocol
H	
HGMP	Huawei Group Management Protocol
I	
IAB	Internet Architecture Board

ICMP	Internet Control Message Protocol
IGMP	Internet Group Management Protocol
IGP	Interior Gateway Protocol
IP	Internet Protocol
L	
LSA	Link State Advertisement
LSDB	Link State DataBase
M	
MAC	Medium Access Control
MIB	Management Information Base
N	
NBMA	Non Broadcast MultiAccess
NIC	Network Information Center
NMS	Network Management System
NVRAM	Nonvolatile RAM
O	
OSPF	Open Shortest Path First
P	
PIM	Protocol Independent Multicast
PIM-DM	Protocol Independent Multicast-Dense Mode
PIM-SM	Protocol Independent Multicast-Sparse Mode
PKI	Public Key Infrastructure
Q	
QoS	Quality of Service
R	
RIP	Routing Information Protocol
RMON	Remote Network Monitoring
RSTP	Rapid Spanning Tree Protocol
S	
SNMP	Simple Network Management Protocol
SP	Strict Priority
SSL	Secure Socket Layer
STP	Spanning Tree Protocol

T	
TCP/IP	Transmission Control Protocol/ Internet Protocol
TFTP	Trivial File Transfer Protocol
ToS	Type of Service
TTL	Time To Live
U	
UDP	User Datagram Protocol
V	
VLAN	Virtual LAN
VOD	Video On Demand
VRRP	Virtual Router Redundancy Protocol
W	
WRR	Weighted Round Robin
X	
XID	eXchange Identification
XRN	eXpandable Resilient Networking