Terminology

The table below provides an alphabetical listing of VMS acronyms.

Table 1   Terminology

Acronym	Definition
AAA	Authentication, Authorization, and Accounting
ACL	Access List
API	Application Programmable Interface
ARPU	Average Revenue Per User
ASAv	Adaptive Security Appliance - vFW VNF
BGP	Border Gateway Protocol
BSS	Business Support System
CDB	Configuration Database
CFS	Consumer Facing Service
CLI	Configuration Line Interface
CMSP	Cisco Cloud and Managed Service Program
CPE	Customer Premise Equipment (ISR-G2)
CRUD	Create, Read, Update and Delete orchestration operations
CSR	Cloud Service Router - vRouter VNF
cURL	Client URL
DC	Data Center
DCI	Data Center Interconnect
DEST	Destination IP Address
DHCP	Dynamic Host Configuration Protocol
DMVPN	Dynamic Multi-Point Virtual Private Network
DMZ	Demilitarized Zone (Networking private to public)
DNS	Domain Name System
DST	Destination IP Address
EIGRP	Enhanced Interior Gateway Routing Protocol
ESC	Elastic Services Controller
ETS	European Telecommunications Standards
ETSI	European Telecommunications Standards Institute
EzVPN	Easy Virtual Private Network
FW	Firewall
GraphDB	Graph Data Base
GuestOS	Guest Operating System

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Acronym	Definition
HA	High Availability is
HDR	Header
HTTP	Hypertext Transfer Protocol
I2RS	Interface to Routing System (diagram format)
IKEv2	Internet Key Exchange version 2
IO	Input/Output
Intrusion Detection	Generally refers to the process of passively analyzing network traffic for potential intrusions and storing attack data for security analysis.
Intrusion Prevention	Includes the concept of intrusion detection, but adds the ability to block or alter malicious traffic as it travels across your network
iOS	Cisco Operating System
IP	Internet Protocol
IPSec	Internet Protocol Secure
ISR	Integrated Service Router
IT	Information Technology
KVM	Kernel-based Virtual Machine
LAN	Local Area Network
ML2	Modular Layer 2
MPLS	Multiprotocol Label Switching
NAT	Network Address Translation
NAT44	Network Address Translation IPv4-to-IPv4
NED	Network Element Driver
NEDs	Network Element Drivers
NETCONF	Network Configuration protocol
NFV	Network Functions Virtualization
NH	Next Hope
NIC	Network Interface Card
NICs	Network Interface Cards
NSO	Network Service Orchestrator
ODL	Open Daylight
OS	Operating System
OSPF	Open Shortest Path First
OSS	Operations Support System
OVS	Open Virtual Switch
PE	Provider Edge
PnP	Plug-N-Play
QEMU	Quick Emulator
QoS	Quality of Service
RA	Remote Access
REST	Representation State Transfer

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Acronym	Definition
RFC	Request For Comments
RFS	Resource Facing Service
ROI	Return on Investment
SA	Source Address
SDN	Solution uses software-defined networking
SLA	Service Level Agreement
SMB	Small Medium Business
SNMP	Simple Network Management Protocol
SP	Service Provider
SRC	Source IP Address
SSH	Secure Shell
SSL	Secure Sockets layer
SUDI	Secure Unique Device Identifier
TCO	Total Cost of Ownership
TP	Termination Point
UCS	Unified Computing System
vFW	Virtual Firewall
VIM	Virtual Interface Manager
VirtIO	Virtual Input/Output
VLAN	Virtual Local Area Network
VM	Virtual Machine
VMs	Virtual Machines
VMS	virtual Manage Services
VNF	Virtual Network Function
VNFs	.Virtual Network Functions
VNIC	Virtual Network Interface
VPN	Virtual Private Network
VPP	Vector Packet Parsing
VR	Virtual Router
VRF	Virtual Route Forwarding
VRRP	Virtual Registry Registrar Protocol
WAN	Wide Area Network
WCCPv2	Web Cache Communications Protocol
WSA	Web Security Appliance
WSAv	Web Security Appliance virtualized
XML	eXtensible Marking Language
YANG	Yet Another Next Generation (data modeling)
ZTD	Zero Touch Deployment