



Cisco SDWAN

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SD-WAN Enterprise Grade Capabilities

Reducing Cost and Complexity for Agile IT



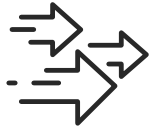
Separation of management, control, data for **scaling**



Redundant management—**cloud or on premises**



Zero-touch provisioning **in minutes, not days**



Full segmentation support for **fast app deployment**



Choice of topologies **with point-and-click**



Complete visibility from **single pane of glass**

Comprehensive and Flexible to Fit Your Business

OR

PHYSICAL
SECURE ROUTERS

VIRTUAL
SECURE ROUTERS

on premises or cloud

OR

IN-HOUSE IT

MANAGED SERVICE

OR

CAPEX WITH ANNUAL
SUBSCRIPTION

ENTERPRISE-BASED
AGREEMENT

True Enterprise Class SDWAN



Analytics



Monitoring



Operations



Application
SLA



Traffic
Engineering



Per-Segment
Topologies



Secure
Perimeter



Cloud
Path

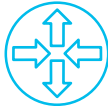


Cloud
Accel



Transport
Hub

APPLICATION POLICIES



Routing



Security



Segmentation



QoS



Multicast



Svc Insertion



Survivability

SERVICES DELIVERY PLATFORM



Broadband



MPLS



Cellular

ZERO TOUCH

ZERO TRUST

TRANSPORT INDEPENDENT FABRIC

Solution Overview

Cisco SD-WAN Platform Options

Providing for flexibility in deployment

Branch Services

ISR 1000



- 200 Mbps
- Next-gen connectivity
- Performance flexibility

ISR 4000



- Up to 2 Gbps
- Modular
- Integrated service containers
- Compute with UCS E

ASR 1000



- 2.5-200Gbps
- High-performance service w/hardware assist
- Hardware & software redundancy

SD-WAN

vEdge 100



- 100 Mbps
- 4G LTE & Wireless

vEdge 1000



- Up to 1 Gbps
- Fixed

vEdge 2000



- 10 Gbps
- Modular

vEdge 5000



NEW

- ~30 Gbps
- Modular

Virtualization

ENCS 5100



- Up to 250Mbps

ENCS 5400



- 250Mbps – 2GB

Public Cloud



Cisco SDWAN Products

Pricing Structure

Integration Roadmap

Phase 1 (April 2018)

Phase 2 (July 2018)

Phase 3 (Nov 2018)

Viptela Capabilities

SD WAN Features:

- ✓ ZTP
- ✓ App Route Policy
- ✓ QoS
- ✓ Cloud Onramp –IAAS
- ✓ Segmentation
- ✓ DIA-Zscaler(GRE only)

Routing Protocols

- ✓ BGP, OSPF

Monitoring & Troubleshooting

- ✓ System & Interface stats
- ✓ Events
- ✓ Performance monitoring

SD WAN Features:

- ✓ Cloud Onramp-SAAS
- ✓ TLOC Extension
- ✓ IPv6-Service & Transport
- ✓ Service Chaining

Services

- ✓ Multicast

Monitoring & Troubleshooting

- ✓ vManage with DPI & Cflowd, Analytics

SD WAN Features:

TCP Optimizations

IOS Capabilities

Capabilities:

- ✓ NBAR

Platform

- ✓ ISR 4331, ASR 1001-x

New Interfaces

- ✓ Ethernet, 4G LTE, T1/E1

Capabilities:

- ✓ Zone Based Firewall
- ✓ Umbrella (DNS Whitelisting)
- ✓ Full NBAR (SDAVC, Custom Apps)
- ✓ EIGRP

Platforms:

- ✓ 43xx 44xx, 11xx, ENCS
- ✓ ASR1xxx, CSR

New Interfaces:

- ✓ xDSL

Capabilities:

- ✓ App QoE
- ✓ Per-Tunnel QoS

Services

- ✓ DIA with Umbrella Connector
- ✓ UC –SRST, PSTN GW, SIP GW
- ✓ AppNav Cont roller

Platforms:

- ✓ All

New Interfaces:

- ✓ All

