Elevate Enterprise Security with VMware SD-WAN & Zscaler
Agenda

VMware SD-WAN & Zscaler

- Challenges solved with SD-WAN
- SD-WAN + Cloud Security – Why & How
Ensuring a quality user experience is more difficult than ever before

Traditional networking approaches are inefficient and costly in a cloud-based landscape

- Intensive CLI provisioning
- Isolated and unmanaged sites
- Construction Site
- No visibility
- Branch Offices
- Internet
- Hub
- Legacy Datacenter
- Modern Datacenter
- HQ
- Backhauled traffic across expensive MPLS links
Cloud! Cloud! Cloud!

83% of enterprise workload will run in the cloud by 2020¹

90% by 2022, public cloud services will be essential for 90% of business innovation²

¹ LogicMonitors: Cloud Vision 2020: The Future of the Cloud Study, November 2018
SD-WAN by VeloCloud - A Robust Solution Across the WAN

- **Provision sites in minutes**
- **Gain visibility across any link**
- **Rapidly on-board new cloud services**
- **Reduce the burden on MPLS**
- **Deliver performance over Internet**

Diagram details:
- **Construction site**
- **SaaS**
- **Branch Offices**
- **Internet**
- **MPLS**
- **Modern Datacenter**
- **Legacy Datacenter**
- **HQ**
Introducing VMware SD-WAN by VeloCloud

Architecture maps SDN Principles

Branch Site with VMware SD-WAN Edge

Internet

Public Internet

SaaS

VMware SD-WAN Orchestrator

VMware SD-WAN Gateway With Embedded Controller

Internet

Private—MPLS

Private Circuit

Provider Edge

SD-WAN Enterprise Data Center with VMware SD-WAN Edge Cluster

Legacy Enterprise Data Center

MPLS

Private Circuit

IPsec
Why VMware SD-WAN?

Gain line-of-sight to your entire WAN

Site Health | Link Quality | Application Usage

+Use RESTful API to enable your own custom heuristics or analytics
Why VMware SD-WAN?

Dynamic Multi-Path Optimization – Assure Application Performance

- Continuous Monitoring
- Dynamic Per Packet Steering
- On Demand Remediation

- Error Correction
- TCP Optimization
- Link Detection
- Performance Monitoring

App Quality Score

Performance and action drill down

Single or Multi-Link Capability
Securely Onboard New Cloud Services

Direct-to-Internet Architectures

Zscaler:
- Access Control
- Threat Prevention
- Data Protection
- Unprecedented Visibility

VMware SD-WAN:
- App Identification & Steering
- App and Network Visibility
Benefits of VMware SD-WAN & Zscaler Together

**Performance**
- Shortest path, no hairpins

**Security**
- Industry-leading cloud security

**Efficiency**
- MPLS cost reduction
- No management of security appliances
- No CLI
Thank You