



# LogicMonitor & Cisco SD-WAN



Comprehensive performance monitoring for  
hybrid infrastructure and services

LogicMonitor provides comprehensive monitoring coverage for the entire Cisco product portfolio, from networks and unified communications to application-centric infrastructure (ACI) and Cisco SD-WAN solutions (Cisco Compatibility Certified). LogicMonitor provides active visibility of your network in addition to the rest of your environment, whether it's on-premises, in remote data centers, or in the public cloud(s), to deliver a complete view of infrastructure and service health in a single pane of glass.

With a SaaS-based, agentless, and comprehensive hybrid infrastructure monitoring solution from LogicMonitor, you can manage your infrastructure more efficiently, deliver better service, and spend less time on maintenance.

# vManage

vManage is the console to manage and configure Viptela devices.

LogicMonitor collects metrics from vManage and the configured devices. **LogicMonitor automatically detects and monitors:**

## Application Aware Routing metrics

- Data packets transmitted and received
- Jitter
- Loss
- Latency

## BFD (bidirectional forwarding detection) session metrics

- By device & by device per TLOCs (Transport Locations)
- Max & Total Sessions
- Up & Down Sessions
- Flap Sessions

## Performance of sites associated with the vManage portal

- CPU
- Memory
- Processes

## Detailed OMP Stats

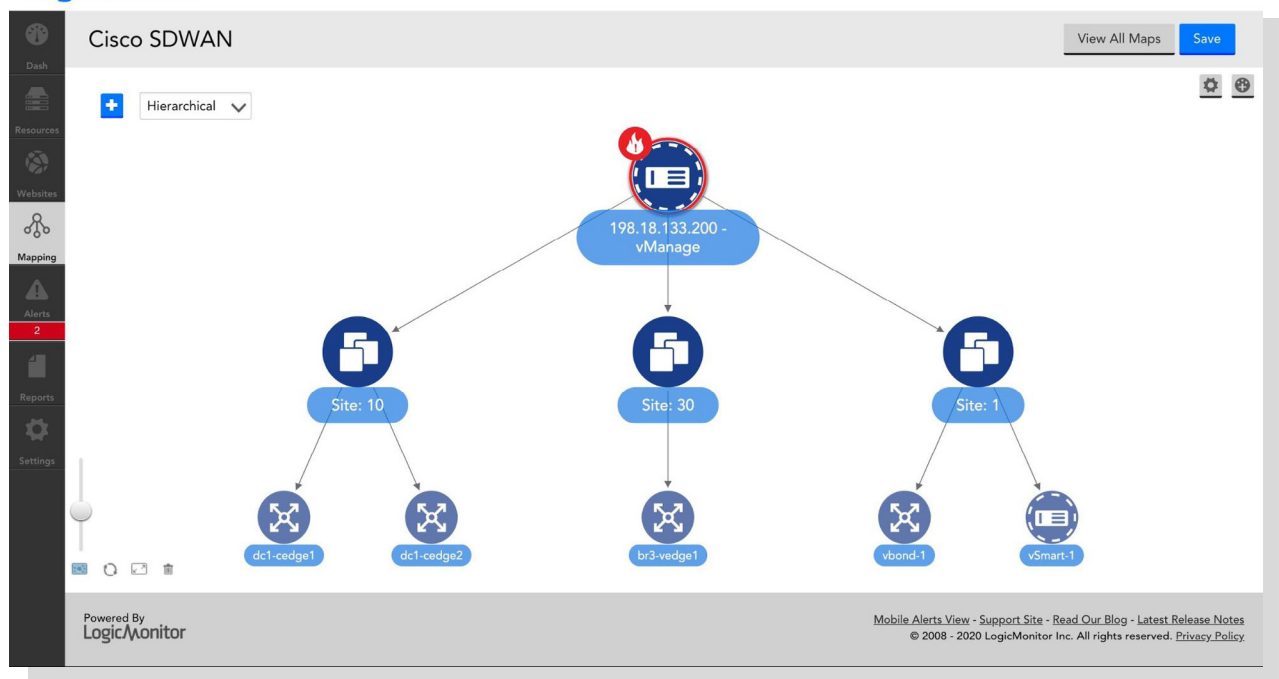
- Packets sent/recv
- Hello sent/recv
- Routes sent/recv/installed
- TLOCs (Transport Locations) sent/recv/installed
- vSmart peers

## Transport performance

- Jitter
- Loss
- Latency

## WAN Edge Inventory

- Deploy status of the device
- Validity status of the device



Topology mapping of vManage environment.

# Viptela

Viptela is chosen by larger companies with more complex hybrid network architecture due to the more granular networking approach.

Aside from the data collected from the API, LogicMonitor collects additional metrics via SNMP. All of the Viptela components are monitored out of the box: vSmart controller, vEdge routers, vBond Orchestrator, and vManage. LogicMonitor automatically detects and monitors:

## System Status

- Ensures your Viptela system and OMP (Overlay Management Protocol) connection are up and functioning

## Hardware components

- Monitor Fans and Power supplies and get alerted to hardware issues

## Policy

- Application Aware Routing
- Throughput by policy
- Data Policy Filters
- Throughput by policy filter

## Vitals

- Track
  - System load average
  - Memory utilization
  - Disk usage
  - Track NTP peers to ensure you have the correct time

## Detailed OMP Stats

- Packets sent/recv
- Hello sent/recv
- Routes sent/recv/installed
- TLOCs (Transport Locations) sent/recv/installed
- vEdge peers
- vSmart peers

## OSPF

- Neighbor State
- Interface State
- State Changes

## BGP

- Neighbor State
- Messages



View health and performance across Viptela Interfaces, hardware, and more.

# Meraki

Meraki is favored in small to medium businesses since it is easier to set up and requires fewer people to manage.

The list of supported Meraki device types are access points (MR), cloud-managed access points, security appliances (MX), switches (MS), and teleworker gateways (Z). The data is collected via SNMP. **LogicMonitor automatically detects and monitors:**

## Meraki MR (Cloud Managed Access Points)

- Capacity planning/Resource utilization
  - » Client count per AP
  - » Sent/Recv packets and bytes for each interface
- Alerting
  - » Status of connection to cloud controller

## Meraki MS (Switches)

- Capacity planning/Resource utilization
  - » tClient count

## Meraki Z (Gateways)

- Capacity planning/Resource utilization
  - » Client count
  - » Sent/Recv packets and bytes for each interface
- Alerting
  - » Connection status

## Meraki MX (Managed Security & SD-WAN)

- Capacity planning/Resource utilization
  - » Client count
  - » Sent/Recv packets and bytes for each interface
- Alerting
  - » Connection status



View health and performance across Meraki Access Points, Firewalls, Gateways, Switches, and more.

LogicMonitor's unified monitoring platform expands possibilities for businesses by advancing the technology behind them.

Try it free