

Cisco SD-WAN

Powered by Meraki

WHAT IS SD-WAN?

Software-defined wide area networking (SD-WAN) is a software based approach for businesses to utilize and manage more than one external network connection such as MPLS, broadband, and fiber optic at a given location based on its performance. With SD-WAN, network admins can define which WAN link an application should use, or set up rules for which link should be used based on its performance.



WHY IS IT BEING ADOPTED SO QUICKLY?

There are two main trends driving the huge growth of SD-WAN:

Increase in the amount of WAN bandwidth required by businesses

A cumulative effect of more devices, increased usage of cloud applications and video streaming means that organizations have never required as much bandwidth as they do today. This in turn has led to legacy premium WAN links that are overloaded and a bottleneck for critical cloud business applications such as Office365, Salesforce etc.

Lower cost WAN links becoming much more reliable

In the past organizations have relied on premium WAN links such as MPLS to ensure highly predictable and reliable connectivity as opposed to lower cost links like broadband and fiber optic. However, these lower cost links have improved reliability and uptime to now be viable options for additional bandwidth capacity or, in some instances, to replace MPLS altogether.

Consequently SD-WAN allows organizations to intelligently utilize multiple WAN links per site (premium or low-cost) to deliver the desired level of performance for business critical cloud applications as well as massively reduce total WAN costs across all their locations.

BENEFITS

Desired level of performance for business critical cloud applications



Lower total WAN costs across all locations



HOW DOES CISCO SD-WAN POWERED BY MERAKI WORK?

- Cisco SD-WAN powered by Meraki is delivered by the powerful Meraki MX appliances
- Two or more MX appliances can establish AutoVPN tunnels between devices (and locations) over any WAN links in 3 simple clicks
- The performance of all the VPN tunnels is monitored approx. every second for packet loss, jitter, latency, and MOS
- This real-time performance telemetry is used to make autonomous decisions about which VPN tunnel should be used to satisfy the performance of critical cloud applications



WHY SD-WAN POWERED BY MERAKI?



The Most Trusted SD-WAN Provider Globally

Meraki is the clear market leader in SD-WAN trusted by thousands of customers globally



The Simplest SD-WAN Available

Cisco SD-WAN powered by Meraki is the quickest and simplest way for organizations to significantly reduce their total WAN costs whilst delivering the desired level of performance for business critical cloud applications.



Industry-leading Security All-in-One

The Meraki MX appliances deliver SD-WAN as well as industry-leading security that includes Snort IDS/IPS, Cisco AMP, and content filtering.



Meraki Insight

Allow branch sites access to cloud applications directly through a public Internet link as an alternative to tunnelling traffic through a headquarters' or datacenter. Meraki Insight can track the performance of critical web applications travelling through VPN tunnels or directly through the public Internet and easily identify and pinpoint the cause of poor application performance - LAN, WAN, or server.

WHAT'S NEEDED FOR CISCO SD-WAN POWERED BY MERAKI?

CISCO SD-WAN POWERED BY MERAKI



MX appliance



Enterprise license

SECURE CISCO SD-WAN POWERED BY MERAKI



MX appliance



Advanced security license

CISCO SD-WAN+ POWERED BY MERAKI



Meraki Insight license