Spirent™

Spirent Managed Solutions

MEF Certification as a Service for SD-WAN

Overview

The SD-WAN Challenge. The emergence of standards and the dynamic nature of the evolving virtualized environment presents vendors with their challenges. The advent of the cloud has altered customer expectations for software-defined products, by accelerating design, deployment, and maintenance cycles for all essential services, including SD-WAN. At the same time, the rapid growth of the SD-WAN market has resulted in a proliferation of products with a wide range of functional and performance claims, many of which are only tested by the vendors themselves. A neutral verification of these assertions is required to align with industry standards.
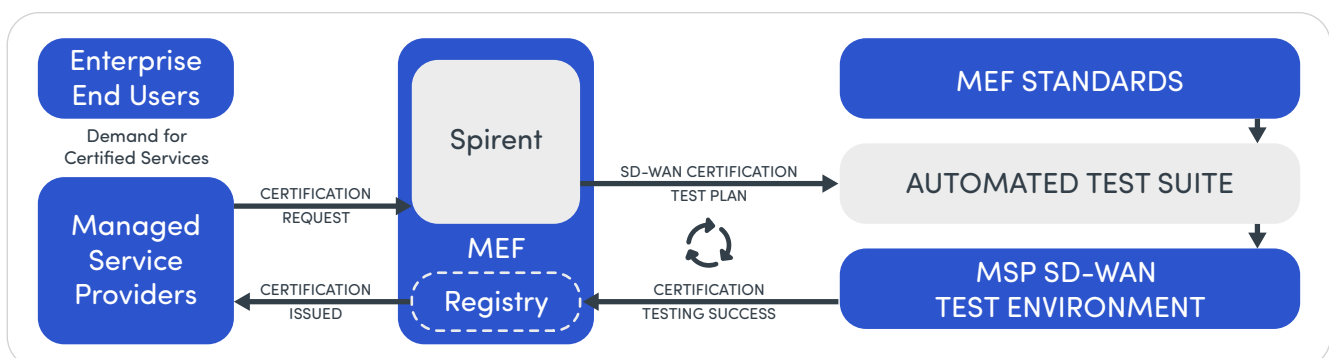
Spirent Managed Solution

Spirent's leadership in testing. As the global leader in innovative testing and validation in the virtualized network, Spirent has emerged as the leading vendor-neutral, SD-WAN testing authority. Employing state-of-the-art Test as a Service (TaaS) capabilities, Spirent delivers the MEF SD-WAN Certification as a Service (CaaS) solution, to enable MSPs and vendors to verify conformance against the industry's first SD-WAN standard.

Partnered with Experts

MEF introduced the MEF 3.0 framework for orchestrated and assured services which included dynamic Carrier Ethernet, SD-WAN, Optical Transport, IP, Security-as-a-Service, and other virtualized services. Now, MEF supports the industry's first SD-WAN services certification standard – MEF 70. As the exclusive Authorized Certification Test Partner, Spirent collaborates with the MEF Certification Committee and is the leading testing contributor to MEF SD-WAN standards.

Highlights

- Verifies conformance with the industry's first SD-WAN standard

- Distinct programs for SD-WAN Managed Service Providers and SD-WAN Vendors

- Certification differentiates market leaders, validates MSP and vendor claims and enables multi-vendor SD-WAN

- Delivered exclusively by the MEF Authorized Certification Test Partner for SD-WAN

- Trusted neutral vendor certification and leading testing contributor to MEF standards

MEF 3.0 CERTIFIED SD-WAN

Spirent's SD-WAN Certification as a Service solution delivers trusted industry-recognized certifications that verify conformance with the MEF SD-WAN standard.

MEF SD-WAN Certification Test Areas

MEF 70, and in turn the MEF SD-WAN Certification Program, verifies conformance for the SD-WAN overlay over any WAN underlay connectivity services. The MEF SD-WAN Certification addresses the following test areas:
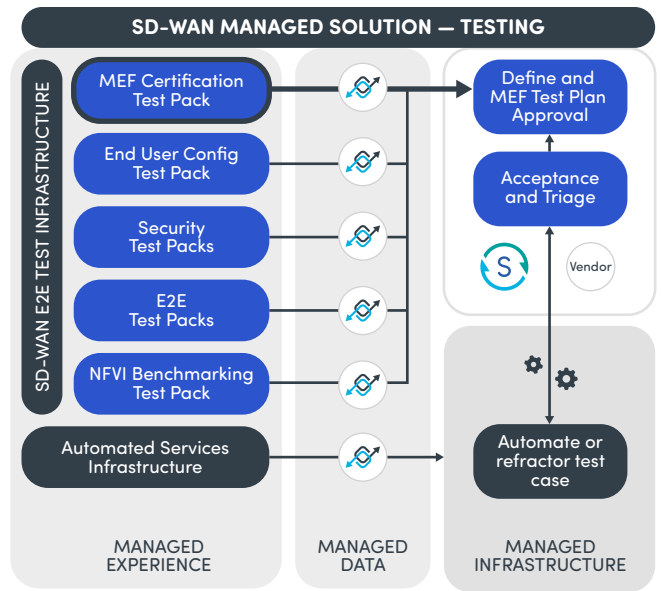
- **IP Routing and addressing** — The MEF SD-WAN service is built on a routed network
- **Application Flows** — High-level connections over the SD-WAN overlay
- **Policy** — Governs how flows are forwarded to the underlays based on application characteristics

Spirent Certification Workflow

Spirent's CaaS for SD-WAN – Benefits

- **Reduces market confusion** about service components and core capabilities saving valuable time given the scarce availability of skilled personnel
- **Provides a universal baseline** for service providers and technology providers
- **Instills user confidence** that a service provides a common, core set of fundamental capabilities
- **Assures vendor neutrality**, certification offers a standardized suite of tests for all SD-WAN services/equipment

SD-WAN MANAGED SOLUTION — TESTING

Spirent's SD-WAN Certification tests are drawn from the industry's largest test library which include tests designed to address the most comprehensive objectives associated with SD-WAN validation.

Spirent Expertise

Spirent provides test and validation expertise for all major communications vendors — *from Lab to Live*. This end-to-end proficiency draws from a deep bench of seasoned professionals, experts qualified in our acclaimed technology portfolio.

Our services cover devices, infrastructure, cloud infrastructure, networks, network applications, security and assurance, all powered by state-of-the-art lab and test automation.

Such industry expertise ensures you deliver your product or service to market on time and with optimal quality.

For more information on Spirent's Product Services, please visit: www.spirent.com/products/services-managed-solutions.

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