



WORKSHOP I

Developing & Implementing MEF 3.0 Carrier Ethernet, Optical Transport & IP Services



MEF 3.0 Services Overview

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MEF 3.0 Services Overview



MEF 3.0 Global Services Framework

Assured

Security

• SD-WAN

. IP

Agile

platform

Applications

Carrier Ethernet

Optical Transport

Accelerate assured services across automated networks

※3.0 • Cloud-based test & certification · On-demand, user-initiated • For both services & LSO APIs Plus certified professionals

Automated

- Orchestration across multiple service providers
- Orchestration over multiple network technology domains
- Specifications and SDKs

Expanded

- MEF global membership
- MEF 3.0 Proof of Concepts
- MEF LSO Developer Community
- Open source projects & SDOs
- Enterprise Advisory Council
- Events, workshops, webinars



What is a MEF 3.0 Service?



Technical Definition of functionality

Independent of service implementation





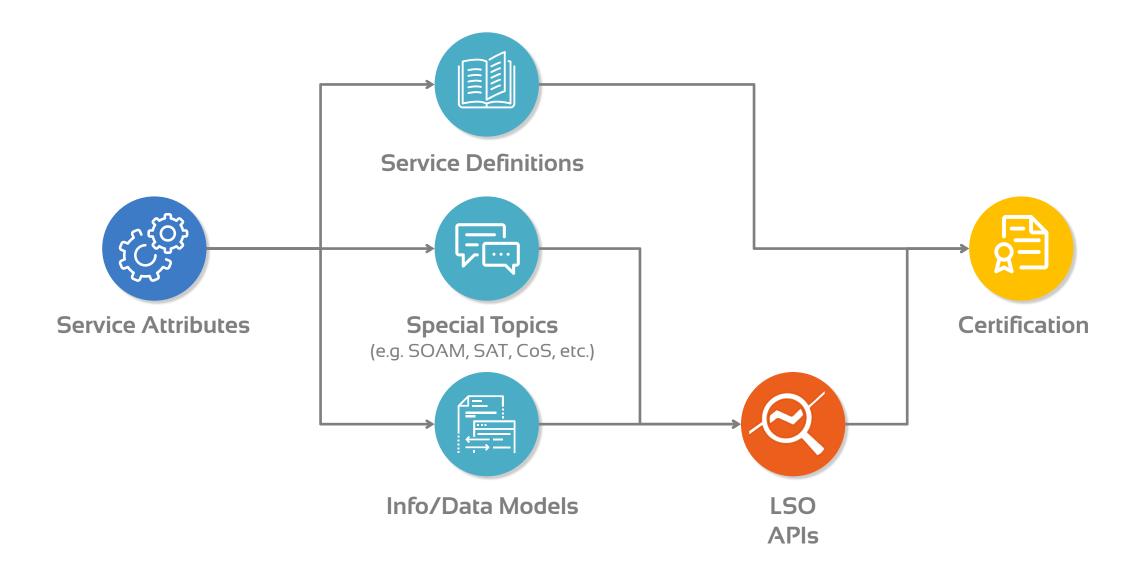
Provided by one organization to another

Described by externally visible behaviour





Describing MEF 3.0 Services





Subscriber and Operator Services



Subscriber Services (Provided to end users)

- Define common terminology
- Allow users to easily compare offerings
- Enable certification of services
- Assist automation of service lifecycle

Operator Services (between Providers)

- Define common terminology
- Enable common operations
- Enable automation of service lifecycle



MEF 3.0 Services Roadmap

Application Services

Intent-Based Orchestration / Use Cases

Cloud Services Architecture (68)

Completed In Development

SD-WAN

Service Attributes & Services
Definition (70)

Service Attributes & Services Phase 2 (70.1) Application Security for SD-WAN Attributes & Definition (88)

IP

Service Attributes (61.1)

Subscriber Service Definitions (69, Basic & Advanced Internet Access)*

Subscriber Service Definitions (69.1; Private IP-VPN), SOAM for IP (66), SAT for IP (67)

Carrier Ethernet Subscriber Attributes (10.4), Operator Service Definitions (51.1), L2CP (45.1) Managed Access E-Line (62)

Subscriber Service Definitions (6.3)*

CE for Cloud (47.1), SAT for P2P Services (48.1), Simplified Transit E-Line (65), Transport for 5G (22.3.1)

Optical Transport

Subscriber Attributes & Service Definition (63)

Operator Attributes & Service Definition (64)

See LSO API Roadmaps for LSO-related work associated with specific MEF 3.0 services

*Letter Ballot closes 22 Nov 2019.



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