MEF and L2SM

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Relevant on-going MEF Work

* LSO Reference Architecture
* Carrier Ethernet Services Management Information Model
  * Final Letter Ballot
  * Published as MEF 7.3 (January 2017).
* YANG Models for MEF Services
How to access MEF work

* Find on-going work that was liaised here…
  * https://mef.net/liaison-login
  * Username: mef
  * Password: M3F3030
  * The MEF meets next in Los Angeles, CA, USA on Jan 23-26, 2016.
LSO Requirements for Legato

- Decompose *customer order* into one or more *service provisioning activities*
- Activities are assigned, managed and tracked
- Ensure that the customer order is complete
- Orchestrate multiple activities
  - Billing
  - Delivery of CPE device etc.
Agree on a given set of terminology

Service Provider
IETF - “The organization responsible for operating the network that offers VPN services to clients and customers.”
MEF- SP provides an end-to-end service to an end user (Subscriber). Operator provides a service to a SP or another Operator.

Subscriber, Provider, EVC, UNI, Operator, OVC etc.
Service Model Coverage

- Subscriber or Operator Services or both
- Customer orders products not services
- Order includes
  - Services
  - Pricing
  - Invoicing
  - SLA agreement and penalties
- Does not include technology or protocols
What has MEF defined?

- Carrier Ethernet Services
  - EVC Based Services (MEF 6.2)
  - Ethernet Service Attributes (MEF 10.3)
  - Operator Service Attributes (MEF 26.2)
  - Operator Virtual Connections Based Services (MEF 51)
CE Services (MEF 10.3)
OVC Services (MEF 51)

LEGEND

- OVC End Point

- O-Line

- O-LAN

- O-Tree

- Root OVC End Point

- Leaf OVC End Point

- Trunk OVC End Point

- RMP OVC, constrained forwarding
Way forward

* Agree on terminology
* Cross Reference Documents
* Augment rather than duplicate