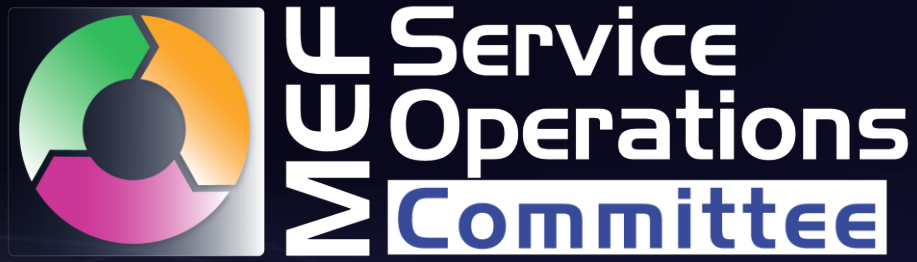


Introducing the Specifications of the MEF

MEF 53: Carrier Ethernet Services Qualification Questionnaire

Outline

- **Approved MEF Specifications**
- **MEF 53 Specification Overview**
  - Purpose
  - Audience
  - Documents
  - Motivation
  - Terminology
  - Use Cases
  - Business Process flow
- **Summary**

Approved MEF Specifications*

Specification	Description
MEF 2	Requirements and Framework for Ethernet Service Protection
MEF 3	Circuit Emulation Service Definitions, Framework and Requirements in Metro Ethernet Networks
MEF 4	Metro Ethernet Network Architecture Framework Part 1: Generic Framework
MEF 6.1	Metro Ethernet Services Definitions Phase 2
MEF 7.1	EMS-NMS Information Model Phase 2
MEF 8	Implementation Agreement for the Emulation of PDH Circuits over Metro Ethernet Networks
MEF 9	Abstract Test Suite for Ethernet Services at the UNI
MEF 10.2	Ethernet Services Attributes Phase 2
MEF 11	User Network Interface (UNI) Requirements and Framework
MEF 12.1	Metro Ethernet Network Architecture Framework Part 2: Ethernet Services Layer
MEF 13	User Network Interface (UNI) Type 1 Implementation Agreement
MEF 14	Abstract Test Suite for Traffic Management Phase 1
MEF 15	Requirements for Management of Metro Ethernet Phase 1 Network Elements
MEF 16	Ethernet Local Management Interface

*Current at time of publication. See MEF web site for official current list, minor updates and superseded work (such as MEF 1 and MEF 5)

Approved MEF Specifications

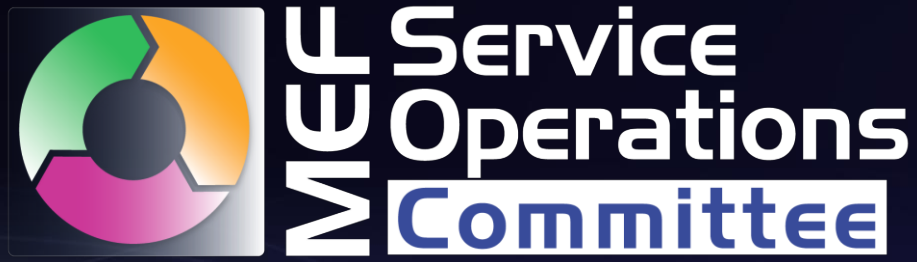
Specification	Description
MEF 17	Service OAM Framework and Requirements
MEF 18	Abstract Test Suite for Circuit Emulation Services
MEF 19	Abstract Test Suite for UNI Type 1
MEF 20	User Network Interface (UNI) Type 2 Implementation Agreement
MEF 21	Abstract Test Suite for UNI Type 2 Part 1: Link OAM
MEF 22.1	Mobile Backhaul Implementation Agreement Phase 2
MEF 23.1	Class of Service Implementation Agreement Phase 2
MEF 24	Abstract Test Suite for UNI Type 2 Part 2: E-LMI
MEF 25	Abstract Test Suite for UNI Type 2 Part 3: Service OAM
MEF 26.1	External Network Network Interface (ENNI) – Phase 2
MEF 27	Abstract Test Suite For UNI Type 2 Part 5: Enhanced UNI Attributes & Part 6: L2CP Handling
MEF 28	External Network Network Interface (ENNI) Support for UNI Tunnel Access and Virtual UNI
MEF 29	Ethernet Services Constructs

Approved MEF Specifications

Specification	Description
MEF 30	Service OAM Fault Management Implementation Agreement
MEF 31	Service OAM Fault Management Definition of Managed Objects
MEF 32	Requirements for Service Protection Across External Interfaces
MEF 33	Ethernet Access Services Definition
MEF 34	Abstract Test Suite for Ethernet Access Services
MEF 35	Service OAM Performance Monitoring Implementation Agreement
MEF 36	Service OAM SNMP MIB for Performance Monitoring
MEF 37	Abstract Test Suite for ENNI
MEF 38	Service OAM Fault Management YANG Modules Technical Specification
MEF 39	Service OAM Performance Monitoring YANG Modules Technical Specifications
MEF 40	UNI and EVC Definition of Managed Objects Technical Specification
MEF 41	Generic Token Bucket Algorithm Technical Specification
MEF 42	ENNI and OVC Definition of Managed Objects Technical Specification
MEF 43	Virtual NID (vNID) Functionality for E-Access Services Technical Specification
MEF 44	Virtual NID (vNID) Definition of Managed Objects Technical Specification
MEF 45	Multi-CEN L2CP Technical Specification

Approved MEF Specifications

Specification	Description
MEF 46	Latching Loopback Protocol and Functionality Technical Specification
MEF 47	Carrier Ethernet Services for Cloud Implementation Agreement
MEF 48	Service Activation Testing Technical Specification
MEF 49	Service Activation Testing Control Protocol and PDU Formats Technical Specification
MEF 50	Carrier Ethernet Service Lifecycle Process Model Guidelines Document
MEF 51	OVC Services Definitions
MEF 52	Carrier Ethernet Performance Reporting Framework
MEF 53	**Carrier Ethernet Services Qualification Questionnaire**



Overview of MEF 53

Carrier Ethernet Services Qualification Questionnaire

About MEF 53

- **Purpose:**
  - To encourage service providers buying and/or selling Ethernet services to use MEF-standardized questions to reduce the time and effort required to obtain interconnect information from access or service provider partners.

- **Audience:**
  - Service/Access Providers buying and/or selling Carrier Ethernet Services
  - Solution/application vendors developing applications or integrations for Carrier Ethernet Services

- **Documents:**
  - Guidelines document with definitions and use cases (PDF)
  - Questionnaire template with MEF standardized content/questions (Excel)

Motivation

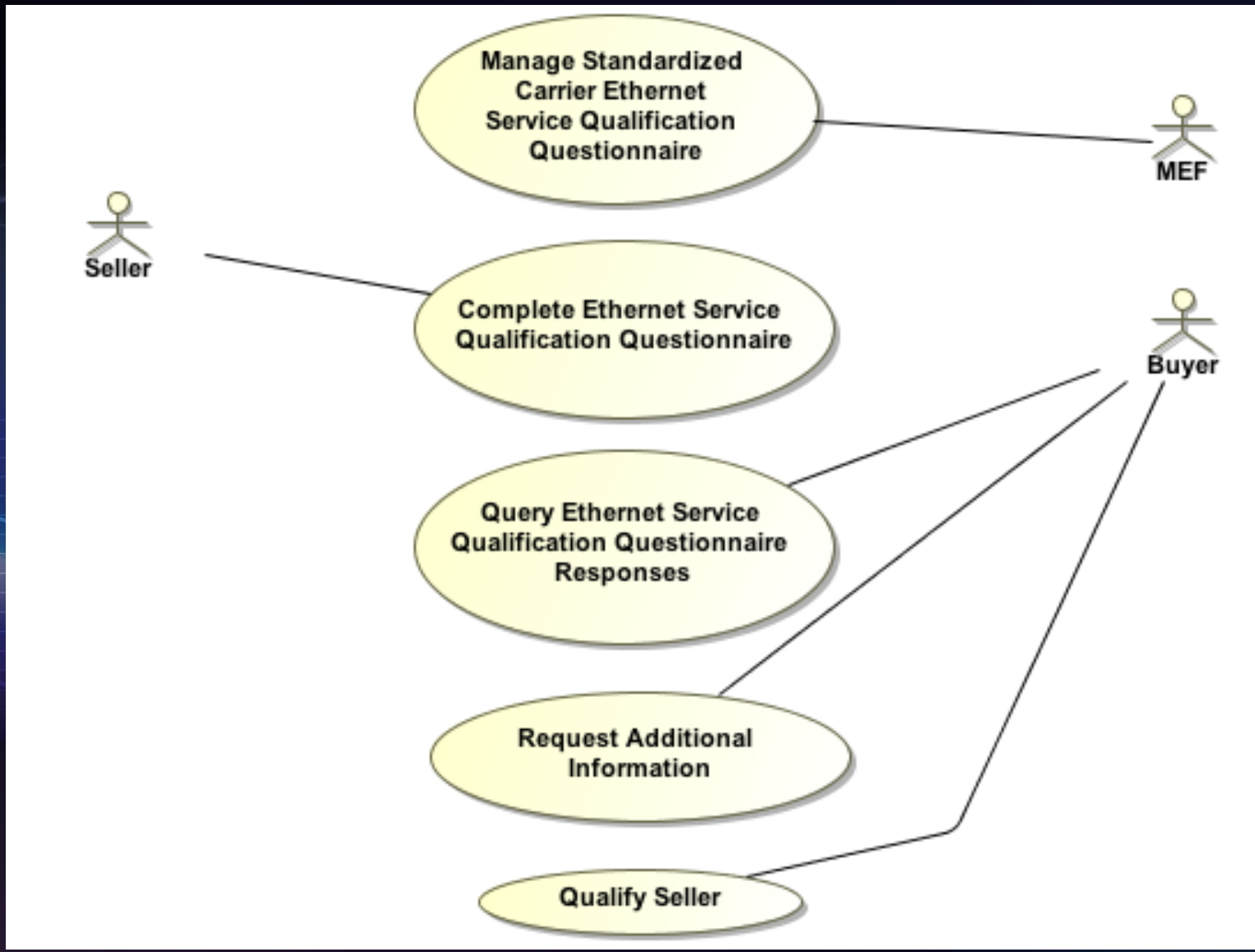
- A standardized qualification questionnaire is necessary to effectively and efficiently partner with Access Providers to establish a wholesale relationship.

- Adopting a single services qualification questionnaire will significantly increase the efficiency of the Wholesale Partner Qualification Process, allowing for a more rapid delivery of such capabilities.

Terminology

- **MEF 53 introduces the following new terminology:**
  - Service Provider
    - A Service Provider is a CEN Operator providing EVC-based Ethernet Service(s)
  - Service Provider Onboarding
    - The process of setting up a selling carrier service provider as an approved supplier of a buying carrier, enabling the buying carrier to purchase access type services from the selling carrier.
  - Wholesale Partner Qualification Process
    - The process for qualifying Access Provider's for purposes procuring wholesale services. Qualification requirements are unique to each buying and/or selling carrier and are based upon the specific needs of their business.

Use Cases


Manage Standardized Carrier Ethernet Service Qualification Questionnaire
MEF
Seller
Complete Ethernet Service Qualification Questionnaire
Buyer
Query Ethernet Service Qualification Questionnaire Responses
Request Additional Information
Qualify Seller

Business Process Flow

MEF Service Operations Committee

Summary

Summary

- MEF 53 defines the use cases, process, and content for a standardized MEF Carrier Ethernet Services Qualification Questionnaire.

- The purpose of this questionnaire is to encourage service providers buying and/or selling Ethernet services to use MEF-standardized questions to reduce the time and effort required to obtain interconnect information from access or service provider partners.

MEF Service Operations Committee

Accelerating Worldwide Adoption of Carrier-class Ethernet Networks and Services

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