

# MEF 3 - CES Requirements

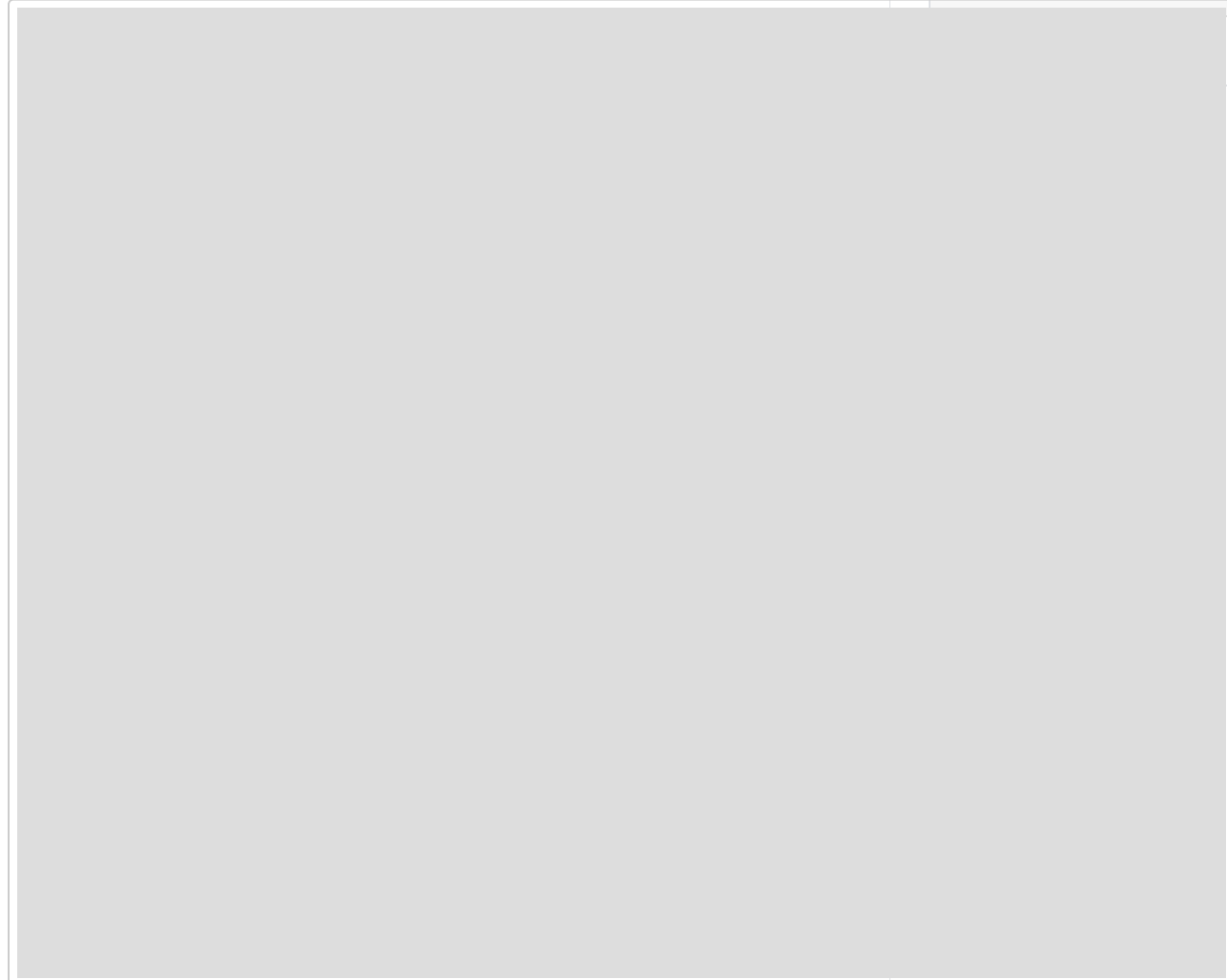
## Circuit Emulation Service Definitions, Framework and Requirements in Metro Ethernet Networks

Status

PUBLISHED

### Specification

Source(s)



MEF 3 is a specification document developed by the [Technical Committee](#) of the [MEF](#).

### Abstract

*"The emulation of TDM circuits over a Metro Ethernet Network (known as Circuit Emulation Services, or CES) is a useful technique to allow MEN service providers to offer TDM services to customers. This document outlines the types of the TDM services that can be offered over a MEN, and the requirements of such services. It covers both PDH services (e.g. Nx64 kbit/s, T1, E1, T3, E3) and SONET/SDH services (STS-1, STS-3, STS-3c, STS-12, STS-12c and European equivalents).*

*The document contains three sections:*

- a set of service definitions for Circuit Emulation Services (CES) in the Metro Ethernet Forum context,*
  - a framework section explaining issues with the implementation of such services*
  - a set of requirements needed for providing such services in Metro Ethernet Networks (MEN).*
- Separate implementation agreements for PDH and SONET/SDH services will be produced which cover the implementation of these services in an inter-operable manner. This document is intended as a reference against which any Implementation Agreement can be compared to ensure that all the service requirements have been met."*

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**Example(s)**

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