Carrier Ethernet Network (CEN)

In the specification document MEF 12.2, CEN is described as "a network from a Service Provider or Operator supporting the MEF service and architecture models".

The connection between the Subscriber's sites and the Carrier Ethernet Network (CEN) is achieved by connecting a switch/router at the end-user premises denoted as CE (Customer Equipment) to one or more switches/routers of the Service Provider (SP). The interface between the Customer Edge (CE) and the CEN is referred to as the User Network Interface (UNI).

Note that a CEN can be composed of two or more internal CENs. For instance, a Service Provider network can consist of a number of independent Carrier Ethernet networks interconnected over a wide-area Ethernet network acting as a backbone.

Example(s)

Mobile Backhaul

A Carrier Ethernet Network (CEN) is the entity used for the backhaul service for a Mobile Operator (see MEF 22.2 - MBH)

Related and Further Reading

Categories

Status

DRAFT

Source(s) and Reference(s)

MEF 12.2 - Carrier Ethernet Network Architecture Framework - Ethernet Services Layer

Contributor(s)

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