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AMENDMENT 1
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**Telecommunications and information
exchange between information
technology systems — Requirements
for local and metropolitan area
networks —**

**Part 1CM:
Time-sensitive networking for
fronthaul**

**AMENDMENT 1: Enhancements to
fronthaul profiles to support new
fronthaul interface, synchronization, and
syntonization standards**

*Télécommunications et échange entre systèmes informatiques —
Exigences pour les réseaux locaux et métropolitains —*

Partie 1CM: Réseaux à temps critique pour fronthaul

*AMENDEMENT 1: Perfectionnement des profils fronthaul pour
la prise en charge de la nouvelle interface fronthaul, normes de
synchronisation et de recherche*



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IEEE Std 802.1CMde™-2020
(Amendment to IEEE Std 802.1CM™-2018)

**IEEE Standard for
Local and metropolitan area networks—**

Time-Sensitive Networking for Fronthaul

Amendment 1: Enhancements to Fronthaul Profiles to Support New Fronthaul Interface, Synchronization, and Syntonization Standards

Developed by the
LAN/MAN Standards Committee
of the
IEEE Computer Society

Approved 4 June 2020

IEEE SA Standards Board

Abstract: Enhancements to fronthaul profiles are defined in this amendment to IEEE Std 802.1CM™-2018 in order to address new developments in fronthaul interface standards and in related synchronization and syntonization standards.

Keywords: amendment, bridged network, CPRI, eCPRI, F1, fronthaul, IEEE 802®, IEEE 802.1™, IEEE 802.1CM™, IEEE 802.1CMde™, synchronization, time-sensitive networking, TSN, Virtual Local Area Network, VLAN, VLAN Bridge

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Introduction

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This amendment to IEEE Std 802.1CM-2018 defines enhancements to fronthaul profiles in order to address new developments in fronthaul interface standards and in related synchronization and syntonization standards.

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