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AMENDMENT 2
2023-02

Information technology — Telecommunications and information exchange between systems — Local and metropolitan area networks — Specific requirements —

Part 1CB: Frame replication and elimination for reliability

AMENDMENT 2: Extend stream identification functions

Technologies de l'information — Télécommunications et échange d'information entre systèmes — Réseaux locaux et métropolitains — Exigences spécifiques —

Partie 1CB: Duplication de trame et son élimination pour la fiabilité

AMENDEMENT 2: Fonctions d'identification de flux étendu

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Institute of Electrical and Electronics Engineers, Inc
3 Park Avenue, New York
NY 10016-5997, USA

Email: stds.ipr@ieee.org
Website: www.ieee.org

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IEEE Std 802.1CBdb™-2021
(Amendment to IEEE Std 802.1CB™-2017
as amended by IEEE Std 802.1CBcv™-2021)

IEEE Standard for
Local and metropolitan area networks—

Frame Replication and Elimination for Reliability

Amendment 2: Extended Stream Identification Functions

Developed by the

LAN/MAN Standards Committee
of the
IEEE Computer Society

Approved 8 December 2021

IEEE SA Standards Board

Abstract: This amendment specifies procedures, managed objects, and protocols for bridges and end systems that provide identification and replication of packets for redundant transmission, identification of duplicate packets, and elimination of duplicate packets. It is not concerned with the creation of the multiple paths over which the duplicates are transmitted.

Keywords: amendment, Bridged Local Area Networks, Bridges, Bridging, Extended Stream identification, Frame Elimination, Frame Replication, IEEE 802®, IEEE 802.1CB™, IEEE 802.1CBdb™, IEEE 802.1Q™, local area networks (LANs), MAC Bridges, Redundancy, Stream identification, Time-Sensitive Networking, TSN, Virtual Bridged Local Area Networks (virtual LANs)

The Institute of Electrical and Electronics Engineers, Inc.
3 Park Avenue, New York, NY 10016-5997, USA

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Introduction

This introduction is not part of IEEE Std 802.1CBdb-2021, IEEE Standard for Local and metropolitan area networks—Frame Replication and Elimination for Reliability—Amendment 2: Extended Stream Identification Functions.

This Standard defines Extended Stream identification functions.

This standard contains state-of-the-art material. The area covered by this standard is undergoing evolution. Revisions are anticipated within the next few years to clarify existing material, to correct possible errors, and to incorporate new related material. Information on the current revision state of this and other IEEE 802 standards can be obtained from

Secretary, IEEE SA Standards Board
445 Hoes Lane
Piscataway, NJ 08854
USA

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