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**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

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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

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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)

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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

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