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

**Part 1AB:
Station and media access control
connectivity discovery**

**AMENDMENT 2: Support for multiframe
protocol data units**

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

*Partie 1AB: Découverte de connectivité des stations et du contrôle
d'accès aux supports*

*AMENDEMENT 2: Support pour les unités de données de protocole
multitrame*



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

**Station and Media Access Control
Connectivity Discovery**

**Amendment 2: Support for Multiframe
Protocol Data Units**

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LAN/MAN Standards Committee
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IEEE Computer Society

Approved 8 December 2021

IEEE SA Standards Board

Abstract: This amendment to IEEE Std 802.1AB™-2016 specifies protocols, procedures, and managed objects that support the transmission and reception of a set of Link Layer Discovery Protocol (LLDP) Type/Length/Values (TLVs) that exceed the space available in a single frame.

Keywords: IEEE 802®, IEEE 802.1AB™, IEEE 802.1ABdh™, link layer discovery protocol, management information base, multiframe LLDPDUs, topology discovery, topology information

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Introduction

This introduction is not part of IEEE Std 802.1ABdh-2021, IEEE Standard for Local and metropolitan area networks—Station and Media Access Control Connectivity Discovery—Amendment 2: Support for Multiframe Protocol Data Units.

The first edition of IEEE Std 802.1AB™ was published in 2005, and revisions were published in 2009 and 2016. An amendment, IEEE Std 802.1ABcu™-2021, specifies a Unified Modeling Language (UML)-based information model and a YANG data model. This amendment, IEEE Std 802.1ABdh™-2021, specifies protocols, procedures, and managed objects that support the transmission and reception of a set of Link Layer Discovery Protocol (LLDP) Type/Length/Values (TLVs) that exceed the space available in a single frame.

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IEEE Standard for Local and metropolitan area networks—

Station and Media Access Control Connectivity Discovery

Amendment 2: Support for Multiframe Protocol Data Units

(This amendment is based on IEEE Std 802.1AB™-2016 as amended by IEEE Std 802.1ABcu™-2021.)

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