

INTERNATIONAL
STANDARD

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IEEE
8802-1AB

Second edition
2017-07

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

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

*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*



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This second edition of ISO/IEC/IEEE 8802-1AB cancels and replaces the first edition (ISO/IEC/IEEE 8802-1AB:2014, which has been technically revised).

IEEE Std 802.1AB™-2016

(Revision of
IEEE Std 802.1AB-2009)

**IEEE Standard for
Local and metropolitan area networks—
Station and Media Access Control
Connectivity Discovery**

Sponsor

**LAN/MAN Standards Committee
of the
IEEE Computer Society**

Approved 29 January 2016

IEEE-SA Standards Board

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Abstract: A protocol and a set of managed objects that can be used for discovering the physical topology from adjacent stations in IEEE 802[®] LANs are defined in this document.

Keywords: IEEE 802.1AB[™], link layer discovery protocol, management information base, topology discovery, topology information

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This introduction is not part of IEEE Std 802.1AB™-2016, IEEE Standard for Local and metropolitan area networks—Station and Media Access Control Connectivity Discovery.

This revision of IEEE Std 802.1AB does not include any new functionality. It simply incorporates the following into the base text of the 2009 revision:

- IEEE Std 802.1AB-2009/Cor 1-2013
- IEEE Std 802.1AB-2009/Cor 2-2015

Three annexes from the 2009 revision have been deleted:

- Annex D (Using LLDP to detect potential communication problems) was deleted because it was considered to be no longer useful.
- Annex E and Annex F were deleted because the material in them can be found in Annex D of IEEE Std 802.1Q-2014 and Clause 79 of IEEE Std 802.3-2012, respectively.

The bibliography (found in Annex G of the 2009 revision) is Annex D in this revision.

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