



INTERNATIONAL STANDARD ISO/IEC 8802-1AE:2020
TECHNICAL CORRIGENDUM 1

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

**Part 1AE:
Media access control (MAC) security**

TECHNICAL CORRIGENDUM 1: Tag control information figure

*Technologies de l'information — Télécommunications et échange entre systèmes informatiques — Exigences
pour les réseaux locaux et métropolitains —*

Partie 1AE: Sécurité du contrôle d'accès aux supports (MAC)

RECTIFICATIF TECHNIQUE 1

Technical Corrigendum 1 to ISO/IEC/IEEE 8802-1AE:2020/Cor 1 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 6, *Telecommunications and information exchange between systems*, in collaboration with IEEE. The identical text is published as IEEE Std 802.1AE-2018/Cor 1-2020.

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This corrected version of ISO/IEC/IEEE 8802-1AE:2020/Cor 1 incorporates the following corrections:

- The ISO/IEC/IEEE cover page was added;
- The ISO/IEC/IEEE Foreword was added;
- Pages 1, 2 and 14 were deleted.

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Abstract: How all or part of a network can be secured transparently to peer protocol entities that use the MAC Service provided by IEEE 802® LANs to communicate is specified in this standard. MAC security (MACsec) provides connectionless user data confidentiality, data frame integrity, and data origin authenticity.

Keywords: authorized port, confidentiality, corrigendum, data origin authenticity, IEEE 802.1AE™, integrity, LANs, local area networks, MAC Bridges, MAC security, MAC Service, MANs, metropolitan area networks, port-based network access control, secure association, security, transparent bridging

The Institute of Electrical and Electronics Engineers, Inc.
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Introduction

This introduction is not part of IEEE Std 802.1AE-2018/Cor 1-2020, IEEE Standard for Local and metropolitan area networks—Media Access Control (MAC) Security—Corrigendum 1: Tag Control Information Figure.

This corrigendum to IEEE Std 802.1AE-2018 replaces Figure 9-4 with the Figure 9-4 from IEEE Std 802.1AE-2006. (In developing the 2018 version of this standard, the figure was inadvertently replaced with a figure from an early draft of the 2006 version.)

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