# P802.1X-2020/Cor 1

**Type of Project:** Corrigendum to IEEE Standard 802.1X-2020
**Project Request Type:** Initiation / Corrigendum
**PAR Request Date:**
**PAR Approval Date:**
**PAR Expiration Date:**
**PAR Status:** Draft
**Root Project:** 802.1X-2020

**1.1 Project Number:** P802.1X-2020/Cor 1
**1.2 Type of Document:** Standard
**1.3 Life Cycle:** Full Use

**2.1 Project Title:** IEEE Standard for Local and Metropolitan Area Networks--Port-Based Network Access Control - Corrigendum 1:

**3.1 Working Group:** Higher Layer LAN Protocols Working Group(C/LAN/MAN/802.1 WG)
    **3.1.1 Contact Information for Working Group Chair:**
    **Name:** Glenn Parsons
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    **3.1.2 Contact Information for Working Group Vice Chair:**
    **Name:** Jessy Rouyer
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**3.2 Society and Committee:** IEEE Computer Society/LAN/MAN Standards Committee(C/LAN/MAN)
    **3.2.1 Contact Information for Standards Committee Chair:**
    **Name:** James Gilb
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    **3.2.2 Contact Information for Standards Committee Vice Chair:**
    **Name:** David Halasz
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**4.1 Type of Ballot:** Individual
**4.2 Expected Date of submission of draft to the IEEE SA for Initial Standards Committee Ballot:**
Jul 2026
**4.3 Projected Completion Date for Submittal to RevCom:** Mar 2027

**5.1 Approximate number of people expected to be actively involved in the development of this project:** 15
**5.2.a Scope of the complete standard:**For the purpose of providing compatible authentication, authorization, and cryptographic key agreement mechanisms to support secure communication between devices connected by IEEE 802(R) Local Area Networks (LANs), this standard  a) Specifies a general method for provision of port-based network access control.  b) Specifies protocols that establish secure associations for IEEE Std 802.1AE(TM) MAC Security.  c) Facilitates the use of industry standard authentication and authorization protocols.
**5.2.b Scope of proposed changes:** Correction of technical errors identified and agreed by the IEEE 802.1 Working Group maintenance activity comprising: https://www.802-1.org/items/462.

**5.3 Is the completion of this standard contingent upon the completion of another standard?** No
**5.4 Purpose:** IEEE 802 LANs are deployed in networks that convey or provide access to critical data, that support mission critical applications, or that charge for service. Protocols that configure, manage, and regulate access to these networks and network-based services and applications typically run over the networks themselves. Port-based network access control regulates access to the network, guarding against transmission and reception by unidentified or unauthorized parties, and consequent network disruption, theft of service, or data loss.
**5.5 Need for the Project:** The IEEE 802.1 maintenance activity has identified a small number of corrections to the base text and the management modules that are needed in order to correct technical errors in the existing text. The errors limit the use of the management modules in implementations. The corrigendum will correct these errors.

**5.6 Stakeholders for the Standard:** Designers, implementers, manufacturers, distributors, and users of local area networking equipment.

**6.1 Intellectual Property**
    **6.1.1 Is the Standards Committee aware of any copyright permissions needed for this project?**
    No
    **6.1.2 Is the Standards Committee aware of possible registration activity related to this project?**
    No

**7.1 Are there other standards or projects with a similar scope?** No
**7.2 Is it the intent to develop this document jointly with another organization?** No

**8.1 Additional Explanatory Notes:**