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

2.1 Project Title: Standard for Local and Metropolitan Area Networks -- Link-local Registration Protocol - Corrigendum 1 Corrections to Management Modules and Protocol Encoding

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3.2 Society and Committee: IEEE Computer Society/LAN/MAN Standards Committee (C/LAN/MAN)
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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:
   Nov 2023

   Change to Expected Date of submission of draft to the IEEE SA for Initial Standards Committee Ballot:
   Nov 2022- 2023

4.3 Projected Completion Date for Submittal to RevCom:
   Jul 2024

   Change to Projected Completion Date for Submittal to RevCom:
   Jul 2023- 2024

5.1 Approximate number of people expected to be actively involved in the development of this project: 20

5.2.a Scope of the complete standard: This standard specifies protocols, procedures, and managed objects for a Link-local Registration Protocol (LRP) to replicate a registration database from one end to the other of a point-to-point link and to replicate changes to parts of that database. A facility is provided to purge the replicated database if the source becomes unresponsive. Provision is made for a proxy system to operate LRP on behalf of a controlled system. LRP is optimized for databases on the order of 1 Mbyte.

5.2.b Scope of proposed changes: Correct errors in the YANG module, Simple Network Management Protocol (SNMP) management information base (MIB) and type-length-value (TLV) encoding.

5.3 Is the completion of this standard contingent upon the completion of another standard? No

5.4 Purpose: LRP is designed to facilitate the creation of applications that distribute information through all
or part of a network.

5.5 Need for the Project: The IEEE 802.1 maintenance activity has identified a small number of corrections to the YANG data model, SNMP MIB and Link Layer Discovery Protocol (LLDP) TLV specifications. Change to Need for the Project: The IEEE 802.1 maintenance activity has identified a small number of corrections to the YANG data model— that are needed in order to correct SNMP technical MIB and/or editorial Link errors. The corrigendum Discovery will Protocol correct (LLDP) these TLV errors specifications.

5.6 Stakeholders for the Standard: Developers, providers, and users of networking services and equipment for professional, industrial, consumer electronics.

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: #2.1 While 'YANG' (developed by the Internet Engineering Task Force) appears to be an acronym its expansion 'Yet Another Next Generation' is not meaningful. YANG is a widely-used standard that is relevant to the Registration Authority. #5.5 Corrections to the YANG module include attaching a valid YANG module to the standard with an updated revision statement. Corrections to the SNMP MIB include replacing the duplicate Object Identifier (OID) with a unique OID and deleting unnecessary text from the description of the address field of the LLDP TLV. Corrections to the LLDP TLV encoding include adding a clear indication in text and adding an informative note that a second address field can only be omitted when it would otherwise be the last of the TLV.

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