Type of Project: Corrigendum to IEEE Standard 802.1CS-2020
Project Request Type: Modify / Corrigendum
PAR Request Date:
PAR Approval Date:
PAR Expiration Date:
PAR Status: Draft
Root PAR: P802.1CS-2020/Cor 1
Root PAR Approved on: 20 Sep 2022
Root Project: 802.1CS-2020

1.1 Project Number: P802.1CS-2020/Cor 1
1.2 Type of Document: Standard
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
Change to Title: Standard for Local and Metropolitan Area Networks--Link-local Registration Protocol - Corrigendum 1 Corrections to YANG, Management, Data, Modules, Model, and Protocol Encoding

3.1.1 Contact Information for Working Group Chair:
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3.2.1 Contact Information for Standards Committee Chair:
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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, SNMP MIB and TLV encoding.
Change to scope of the project: Correct errors in the YANG module, SNMP MIB and 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, Simple Network Management Protocol (SNMP) MIB and Link Layer Discovery Protocol (LLDP) type-length-value (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, Simple Network Management Protocol (SNMP) MIB and Link Layer Discovery Protocol (LLDP) type-length-value (TLV) specifications.

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

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**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

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**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

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**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 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.

**Change to 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.

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