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IEEE Std 802.1CS™-2020

IEEE Standard for Local and Metropolitan Area Networks—

Link-local Registration Protocol

Developed by the ch STANDARD PREVIEW

LAN/MAN Standards Committee Indiands.iteh.ai) of the IEEE Computer Society

ISO/IEC/IEEE 8802-1CS:2022

Approved 3 December 2020 ch.ai/catalog/standards/sist/2e76eb50-51cc-42ae-9410-

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Abstract: 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 are specified in this standard. A facility is provided to purge the replicated database if the source becomes unresponsive. LRP is optimized for databases on the order of 1 Mbyte.

Keywords: Bridged Local Area Networks, bridges, bridging, IEEE 802[®], IEEE 802.1CS[™], IEEE 802.1Q[™], Link-local Registration Protocol, local area networks (LANs), LRP, MAC Bridges, Time-Sensitive Networking, TSN, Virtual Bridged Local Area Networks (virtual LANs)

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Introduction

This introduction is not part of IEEE Std 802.1CS-2020, IEEE Standard for Local and Metropolitan Area Networks-Link-local Registration Protocol.

This standard defines the Link-local Registration Protocol.

This standard contains state-of-the-art material. The area covered by this standard is undergoing evolution. Revisions are anticipated within the next few years to clarify existing material, to correct possible errors, and to incorporate new related material. Information on the current revision state of this and other IEEE 802 standards can be obtained from

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