

P802.1ACct

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Type of Project: Amendment to IEEE Standard 802.1AC-2016

PAR Request Date: 18-Jul-2017

PAR Approval Date: 28-Sep-2017

PAR Expiration Date: 31-Dec-2021

Status: PAR for an Amendment to an existing IEEE Standard

Root Project: 802.1AC-2016

1.1 Project Number: P802.1ACct

1.2 Type of Document: Standard

1.3 Life Cycle: Full Use

2.1 Title: Standard for Local and Metropolitan Area Networks -- Media Access Control (MAC) Service Definition Amendment Support for IEEE Std 802.15.3

3.1 Working Group: Higher Layer LAN Protocols Working Group (C/LM/WG802.1)

Contact Information for Working Group Chair

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3.2 Sponsoring Society and Committee: IEEE Computer Society/LAN/MAN Standards Committee (C/LM)

Contact Information for Sponsor 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 Sponsor Ballot: 03/2018

4.3 Projected Completion Date for Submittal to RevCom

Note: Usual minimum time between initial sponsor ballot and submission to Revcom is 6 months.: 10/2018

5.1 Approximate number of people expected to be actively involved in the development of this project: 10

5.2.a. Scope of the complete standard: The scope of this standard is to define the Media Access Control (MAC) Service provided by all IEEE 802(R) MACs, and the Internal Sublayer Service (ISS) provided within MAC Bridges, in abstract terms of the following: a) Their semantics, primitive actions, and events; and b) The parameters of, interrelationship between, and valid sequences of these actions and events.

5.2.b. Scope of the project: This project adds support of the Internal Sublayer Service by the IEEE Std 802.15.3 MAC entity.

5.3 Is the completion of this standard dependent upon the completion of another standard: No

5.4 Purpose: This document will not include a purpose clause.

5.5 Need for the Project: Support of 48-bit addressing in IEEE Std 802.15.3-2016 allows the use of MAC bridging in 802.15.3 networks.

5.6 Stakeholders for the Standard: Developers, providers, and users of networking services and equipment for data centers and portable device vendors. This includes software developers, networking integrated circuit developers, bridge and network interface controller vendors, and users.

Intellectual Property

6.1.a. Is the Sponsor aware of any copyright permissions needed for this project?: No

6.1.b. Is the Sponsor aware of possible registration activity related to this project?: Yes

If yes please explain: We anticipate that the interface will reference EtherTypes.

7.1 Are there other standards or projects with a similar scope?: No

7.2 Joint Development

Is it the intent to develop this document jointly with another organization?: No

8.1 Additional Explanatory Notes: 5.2b: IEEE Std 802.15.3-2016 Standard for High Data Rate Wireless Multi-Media Networks.

7.2: Though not technically a joint development, 802.15 members that desire access will be invited to review drafts throughout the development process.