P802.1CB…

Submitter Email: glenn.parsons@ericsson.com
Type of Project: Amendment to IEEE Standard 802.1CB-2017
PAR Request Date: ??-Jul-2017
PAR Approval Date:
PAR Expiration Date:
Status: PAR for an Amendment to an existing IEEE Standard

1.1 Project Number: P802.1CB….
1.2 Type of Document: Standard
1.3 Life Cycle: Full Use

2.1 Title: Standard for Local and metropolitan area networks — Frame Replication and Elimination for Reliability Amendment: MIB and YANG Data Model

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3.1 Working Group: Higher Layer LAN Protocols Working Group (C/LM/WG802.1)
Contact Information for Working Group Chair
Name: Glenn Parsons
Email Address: glenn.parsons@ericsson.com
Phone: 613-963-8141
Contact Information for Working Group Vice-Chair
Name: John Messenger
Email Address: jmessenger@advaoptical.com
Phone: +441904699309

3.2 Sponsoring Society and Committee: IEEE Computer Society/LAN/MAN Standards Committee (C/LM)
Contact Information for Sponsor Chair
Name: Paul Nikolich
Email Address: p.nikolich@ieee.org
Phone: 8572050050
Contact Information for Standards Representative
Name: James Gilb
Email Address: gilb@ieee.org
Phone: 858-229-4822

4.1 Type of Ballot: Individual
4.2 Expected Date of submission of draft to the IEEE-SA for Initial Sponsor Ballot: July 2019
4.3 Projected Completion Date for Submittal to RevCom: July 2020

5.1 Approximate number of people expected to be actively involved in the development of this project: 40

5.2.a. Scope of the complete standard: This standard specifies procedures, managed objects and protocols for bridges and end stations that provide:
- Identification and replication of frames, for redundant transmission.

- Identification of duplicate frames.
- Elimination of duplicate frames.

5.2.b. Scope of the project: This amendment specifies
- a MIB data model, a Unified Modeling Language (UML) based information model and a YANG data model that allows configuration and status reporting for the capabilities currently specified in clauses 9 and 10 of this standard.
- one or more additional alternate ways of identifying a stream.

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: There is no data model defined in the current standard to access the defined managed objects in a common way, which leaves no standard way to manage devices conformant to the standard. In addition the current stream identification methods defined in this standard do not cover all currently known relevant use cases.

5.6 Stakeholders for the Standard: Developers, providers, and users of networking services and equipment for Professional, Industrial, Consumer electronics.

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?: No
7.1 Are there other standards or projects with a similar scope?: <no
If Yes please explain
and answer the following
Sponsor Organization:
Project/Standard Number:
Project/Standard Date:
Project/Standard Title:

7.2 Joint Development
Is it the intent to develop this document jointly with another organization?: No
8.1 Additional Explanatory Notes (Item Number and Explanation):