

PAR FORM

10/16/02

PAR Status: New PAR

PAR Approval Date: 00/00/00

PAR Signature Page on File: Yes

Review of Standards Development Process: No

1. Assigned Project Number: 802.1AD

2. Sponsor Date of Request: 10/15/2002

3. Type of Document: Standard for

4. Title of Document:

Draft: Standard for Multiple Instance MAN Services

5. Life Cycle: Full Use

6. Type of Project:

6a. Is this an update to an existing PAR? No

6b. The project is a: The project is a new standard

7. Contact Information of Working Group:

Name of Working Group (WG): 802.1

Name of Working Group Chair: Tony A Jeffree

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Email: tony@jeffree.co.uk

8. Contact Information of Official Reporter (If different than Working Group Chair)

Name of Official Reporter: (if different than WG Contact)

Telephone: **FAX:**

Email:

9. Contact Information of Sponsoring Society or Standards Coordinating Committee

Name of Sponsoring Society and Committee: Computer Society/Local and Metropolitan Area Networks

Name of Sponsoring Committee Chair: Paul Nikolich

Telephone: 857-205-0050 **FAX:** 781-334-2255

Email: p.nikolich@ieee.org

Name of Liaison Rep.(If different than Sponsor Chair):

Telephone: **FAX:**

Email:

10. The type of ballot is: Individual Sponsor Ballot

Expected Date of Submission for Initial Sponsor Ballot: 12/31/2004

11. Fill in Projected Completion Date for Submittal to RevCom: 12/31/2005

Explanation for Revised PAR that completion date is being extended past the original four-year life of the PAR:

12. Scope of Proposed Project:

To develop an architecture and bridge (-1-) protocols, compatible and interoperable with existing Bridged Local Area Network protocols and equipment, to: (a) provide separate instances the MAC service (-3-) to multiple independent users of a Bridged Local Area Network (-1-, -2-) in a manner that does not require cooperation among the users, and requires a minimum of cooperation between the users and the provider of the MAC service, and (b) enable multiple instances of a Bridged Local Area Network to be concatenated to create a much larger Bridged Local Area Network, without requiring that a single instance of the spanning tree protocol (-1-, -4-) encompass the concatenation. To define basic management of users' MAC services. References: -1- IEEE Std. 802.1D, -2- IEEE Std. 802.1Q, -3- IEEE Std. 802, -4- IEEE P802.1S.

13. Purpose of Proposed Project:

The set of technologies known as MAN Services enables a Service Provider to offer the equivalent of either separate LAN Segments, Bridged or Virtual Bridged LANs, to a number of users, over the Provider's network. This Standard will provide an architecture, protocols, and mappings for bridges to provide that interoperability and consistent management.

14. Intellectual Property

Sponsor has reviewed the IEEE patent policy with the working group? Yes

Sponsor is aware of copyrights relevant to this project? No

Sponsor is aware of trademarks relevant to this project? No

Sponsor is aware of possible registration of objects or numbers due to this project? No

15. Are you aware of other standards or projects with a similar scope? No

Similar Scope Project Information:

16. Is there potential for this standard (in part or in whole) to be submitted to an international organization for review/ adoption?

No

If yes, please answer the following question:

Which International Organization/Committee?

International Contact Information:

17. Will this project focus on Health, Safety or Environmental Issues? No

18. Additional Explanatory Notes:(Item Number and Explanation)