1. ASSIGNED PROJECT NUMBER: 802ad

2. SPONSOR DATE OF REQUEST: 2002-10-10

3. TYPE OF DOCUMENT: Standard

4. TITLE OF DOCUMENT: **Standard for ~~Multiple Instance MAN Services~~Local and Metropolitan Area Networks – Virtual Bridged Local Area Networks – Amendment 4: Provider Bridges**

5. LIFE CYCLE: Full

6. TYPE OF PROJECT: ~~New Standard~~Amendment to IEEE Std 802.1Q

Revised PAR?
In Ballot?

7. CONTACT INFO OF WORKING GROUP

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10. TYPE OF SPONSOR BALLOT: Individual

Expected Date of Submission: **2004-12-31**

11. PROJECTED COMPLETION DATE TO REVCOM: 2005-12-31

Statement of Extension:
Date of First Draft Starts:
Number of Active People on the Project:
Number of Meetings Per Year:

Frequency of Draft Circulated Electronically:
Percentage of stability of the draft: **%**
Number of Revision So Far:
Current Status of Developtment:

12. SCOPE: 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 of 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: The set of technologies known as MAN ServicesThis standard will 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 bridged network. This Standard will provideenable an the use of the architecture, and protocols, and mappingsof IEEE Std 802.1Q, and provide for for bridges to provide that interoperability and consistent management.

14. INTELLECTUAL PROPERTY:

Patent Policy: **Yes**
Copyrights: **No**
Trademarks: **No**
Registration of Object: **No**

15. SIMILAR SCOPE: No

Explanation:
Sponsor:
Project Number:
Project Date:
Project Title:

16. INTERNATIONAL SPONSOR: No

Int'l Organization:
Int'l Contact Person:
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17. FOCUS ON HEALTH, SAFETY OR ENVIRONMENTAL ISSUES: No

Explanation:

18. ADDITIONAL NOTES: