IEEE-SA Standards Board Project Authorization Request (PAR) Form (2002)

For a review of the Standards Development Process (designed to assist the Working Group, Working Group Chair, Sponsor Chair, and Society Liaison), please check here.

1. Assigned Project Number (Please leave blank if not available)   [P802.1AE]

2. Sponsor Date of Request   [2003 July 25]

3. Type of Document (Please check one)
[X] Standard for {document stressing the verb "shall"}
[ ] Recommended Practice for {document stressing the verb "should"}
[ ] Guide for {document in which good practices are suggested, stressing the verb "may"}

4. Title of Document: Draft [Standard for Local and Metropolitan Area Networks: Media Access Control (MAC) Security]

5. Life Cycle
[XX] Full Use (5-year life cycle)
[ ] Trial Use (2-year life cycle)

6. Type of Project:
[XX] New standard
[ ] Revision of existing standard (indicate Number and year existing standard was published in box to the right) [ ] (####-YYYY)
[ ] Amendment to an existing standard (indicate Number and year existing standard was published in box to the right) [ ] (####-YYYY)
[ ] Corrigendum to an existing standard (indicate Number and year existing standard was published in box to the right) [ ] (####-YYYY)
[ ]Revised PAR (indicate PAR Number and Approval Date here: P [ ] - [ ] (YYYY-MM-DD)
     Is this project in ballot now? [ ]
     State reason for revising the PAR in Item #18.

7. Contact information of Working Group Chair who must be an SA member as well as an IEEE and/or Affiliate Member

Name of Working Group(WG) : [802.1]

Name of Working Group Chair:
First Name [Tony] Last Name: [Jeffree]
Telephone: [+44-161-973-4278]
FAX: [+44-161-973-6534]
EMAIL: [tony@Jeffree.co.uk]

8. Contact Information of Official Reporter, Project Editor or Document Custodian if different from the Working Group Chair. The Official Report must be an SA member as well as an IEEE and/or Affiliate Member

Name of Official Reporter (if different than Working Group Chair:
First Name [ ] Last Name: [ ]
Telephone: [ ]
FAX: [ ]
EMAIL: [ ]

9. Contact information of Sponsoring Society or Standards Coordinating Committee

Sponsoring Society and Committee: [IEEE P802 LMSC]
Sponsor Committee Chair: [Paul Nikolich]
First Name [ ] Last Name: [ ]
Telephone: [781 334-6524]
FAX: [781 334-2255]
EMAIL: [p.nikolich@ieee.org]

10. Sponsor Balloting Information (Please choose one of the following)
Choose one from the following:
[XX] Individual Balloting
[ ] Entity Balloting
[ ] Mixed Balloting (combination of Individual and Entity Balloting)

Expected Date of Submission for Initial Sponsor Ballot: [2005-11-14] (Format: YYYY-MM-DD)

Please review the PAR form three months prior to submitting your draft for ballot to ensure that the title, scope and purpose on the PAR form match the title, scope and purpose on the draft. If they do not match, you will need to submit a revised PAR.

Additional communication and input from other organizations or other IEEE Standards Sponsors should be encouraged through participation in the working group or the balloting pool.

11. Projected Completion Date for Submittal to RevCom [2006-05-31] (Format: YYYY-MM-DD)

    If this is a REVISED PAR and the completion date is being extended past the original four-year life of the PAR, please answer the following questions. If this is not a revised PAR, please go to question #12

    Statement of why the extension is required: [ ]

    When did you begin writing the first draft? (Format: YYYY-MM-DD): [ ]

    How many people are actively working on the project?: [ ]

    How many times a year does the working group meet in person?: [ ]

    How frequently is a draft version circulated to the working group via electronic means?: [ ]

    How much of the Draft is stable (Format: NN%)?: [ ]

    How many significant working revisions has the Draft been through?: [ ]

    Briefly describe what the development group has already accomplished, and what remains to be done: [ ]

12. Scope of Proposed Project
[Projected output including technical boundaries. REVISED STANDARDS - Projected output including the scope of the original standard, amendments and additions. Please be brief (less than 5 lines).]

To specify provision of connectionless user data confidentiality, frame data integrity, and data origin authenticity by media access independent protocols and entities that operate transparently to MAC Clients*. Key management and the establishment of secure associations is outside the scope but will be referenced by this project.
*As specified in IEEE Standards 802, 802.2, 802.1D, 802.1Q, and 802.1X.

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13. Purpose of Proposed Project:
[Intended users and user benefits. REVISION STANDARDS - Purpose of the original
standard and reason for the standard's revision. Please be brief (less than 5
lines).]
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This standard will facilitate secure communication over publicly accessible LAN/MAN media for which security has not already been defined, and allow the use of IEEE Std 802.1X, already widespread and supported by multiple vendors, in additional applications.

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14. Intellectual Property {Answer each of the questions below}

Sponsor has reviewed the IEEE patent policy with the working group?
[Yes] {Yes/No}

Sponsor is aware of copyrights relevant to this project?
[No] {Yes/No}

Sponsor is aware of trademarks relevant to this project?
[No] {Yes/No}

Sponsor is aware of possible registration of objects or numbers due to this
project?
[No] {Yes/No}

15.  Are there other standards or projects with a similar scope?
[No] {Yes, with explanation below/ No}
[  ] {Explanation}

    If Yes, please answer the following:
    Sponsor Organization: [  ]
    Project Number: [  ]
    Project Date: [  ] (YYYY-MM-DD)
    Project Title: [  ]

16. International Sponsor Organization
Is there potential for this standard (in part or in whole) to be submitted to an
international organization for review/adoption?
[No] {Yes/No/?? if you don't know at this time}

If Yes, please answer the following questions:
International Committee Name and Number: [  ]
International Organization Contact Information:
Contact First Name: [  ]
Contact Last Name: [  ]
Contact Telephone Number: [  ]
Contact FAX Number: [  ]
Contact E-mail address: [  ]

17. Will this project focus on health, safety or environmental issues?
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[No] {Yes/No/?? if you don't know at this time}
If Yes: Explanation? [ ]

18.   Additional Explanatory Notes: {Item Number and Explanation}
[ ]{If necessary, these can be continued on additional pages}