
**IEEE P802
Link Security
Executive Committee Study Group**

Agenda & General Information

Dallas, March 10-12, 2003

Agenda

- **Welcome and Introductions**
- **General Information**
- **Rules**
- **Summary of January meeting**
- **Objectives for this meeting**
- **Agenda & Presentations**
- **Next Meeting Objectives**

General Information

- **SG home page**

<http://www.ieee802.org/linksec>

- **Reflector: *stds-802-linksec***

(instructions also in home page)

To subscribe send email to *majordomo@ieee.org*

Include in the body of the message the following

Subscribe stds-802-linksec <your email address>

General Information

- **Distribution of documents**

- The reflector limits the size of attachments to 100KB
- If you would like to send a larger file to the group please send a request and the file by email to the following three people and one of us will post the file in the home page:
 - Dolors Sala dolors@ieee.org
 - Allyn Romanow allyn@cisco.com
 - Dan Romascanu dromasca@avaya.com
- Smaller documents can also be posted if requested

- **Weekly calls**

- Tuesdays 2:00pm EST (schedule changes sent to the reflector)
- Bridge sponsored and manage by Bob Gaglianella, rdg@lucent.com
- Minutes taken and distributed by Allyn Romanow, allyn@cisco.com

Operating Rules

- **Operating rules of the IEEE 802 LAN/MAN Standards Committee:**

<http://www.ieee802.org/rules.pdf>

- **Bylaws of the IEEE Standards Association Standards Board:**

<http://standards.ieee.org/guides/bylaws/sb-bylaws.pdf>

- **Bylaws of the IEEE Standards Association:**

<http://standards.ieee.org/sa/sa-bylaws.pdf>

Rules: Participation

- **Anyone in the room may speak**
- **Anyone in the room can vote**
- **No discussion on pricing or prices is allowed**
- **No product or corporate pitches**

- **Make sure you sign the attendance list**

Rules: Patent Policy

- IEEE's Patent Policy is consistent with the ANSI patent policy and is described in Clause 6 of the *IEEE SA Standards Board Bylaws*
 - *patent_slideset.pdf*
- Early disclosure of patents which may be essential for the use of standards under development is encouraged

IEEE-SA Standards Board Bylaws on Patents in Standards

6. Patents

IEEE standards may include the known use of patent(s), including patent applications, provided the IEEE receives assurance from the patent holder or applicant with respect to patents essential for compliance with both mandatory and optional portions of the standard. This assurance shall be provided without coercion and prior to approval of the standard (or reaffirmation when a patent becomes known after initial approval of the standard). This assurance shall be a letter that is in the form of either

- a) A general disclaimer to the effect that the patentee will not enforce any of its present or future patent(s) whose use would be required to implement the proposed IEEE standard against any person or entity using the patent(s) to comply with the standard or
- b) A statement that a license will be made available without compensation or under reasonable rates, with reasonable terms and conditions that are demonstrably free of any unfair discrimination

This assurance shall apply, at a minimum, from the date of the standard's approval to the date of the standard's withdrawal and is irrevocable during that period.

Inappropriate Topics for IEEE WG Meetings

- Don't discuss licensing terms or conditions
- Don't discuss product pricing, territorial restrictions or market share
- Don't discuss ongoing litigation or threatened litigation
- Don't be silent if inappropriate topics are discussed... do formally object.

**If you have questions,
contact the IEEE Patent Committee Administrator
at patcom@ieee.org**

Meeting Minutes

- **Minutes recorded by Allyn Romanow**
- **Approval of January meeting minutes**
- **Comments or feedback**

January Meeting Summary

- **Lengthy discussions on Requirements, PAR and 5 criteria, scenarios, and placement of the project.**
- **SG agreed to recommend placing the project in 802.1**
 - In favor: 26; Against: 0; Abstain: 12
- **Agreed on a work plan**
 - Decide the scenarios
 - Analyze the architecture and partition the problem
 - Define PAR(s)
 - Have 3 tutorials in March on major related areas: EPON, Bridging, Security

SEC Email Ballot

- **SEC motion to ratify SG's recommendation:**

(Email ballot from February 11 2PM EST to February 21 2PM EST)

– MOTION: "The SEC resolves that the Link Security Study Group will become a study group of the 802.1 HiLi working group, effective from the start of the March 802 Plenary meeting."

MOVER: Tony Jeffree

SECOND: Bob Grow

Motion Failed. Disapprove: 6; Approve: 5; Abstain: 0; Did Not Vote: 3
(See discussion at: <http://www.ieee802.org/secmail>)

Reasons:

- Decision needs to be made in the Plenary meeting
- An email from Ken Alonge (Chair 802.10) suggesting placing the project in 802.10 (<http://www.ieee802.org/secmail/msg03244.html>)

Meeting Objectives

- **Hear Presentations and Tutorials**
- **Agree on initial set of scenarios and objectives**
- **Discuss requirements, threat models and architecture models**
- **Discuss PAR definition**
 - One or more than one PAR
 - Project(s) definition: Scope and Purpose
- **Next meeting goals**

Schedule

- **Monday Morning Session (8:30am-10:30am)**
 - Session run by Mahalingam Mani (It overlaps with SEC meeting)
- **Monday PM (3:30pm-5:00pm)**
- **Tutorials: Monday Evening 6:30pm-9:30pm**
- **General Sessions: Tuesday-Wednesday 8:30am-6:00pm**

Presentations

- **IEEE802.17 Overview: Motivation, MAC and Bridging Operation, Robert Love, Marc Holness**
- **Distributed Security Proposal, Rene Struik**
- **Security Issues in Public Access LAN Architectures, Mats Naslund**
- **Link Security Scenarios & Objectives, Dolors Sala**
- **Physics Arguments for Upstream Encryption in PONs, Marcus Leech**
- **Security Threats and Defense Models in EPON, Antti Pietilainen**
- **Bridge Security Considerations in the Enterprise and a Possible Security Model, Mahalingam Mani**

Tutorials

- **What Link Sec Should Know About Bridges, Norman Finn**
- **EFM P2MP and OAM Tutorial, Ariel Maislos & Kevin Daines**
- **Data Link Security: A Tutorial, Bill McIntosh**

Next Meeting

- **Next meeting Objectives**
- **Next Interim meeting**
 - Ottawa, Canada, June 2-6, 2003
 - Co-located with 802.1, 802.3 10GBASE-CX4 SG, 802.3 10GBASE-T SG