
Link Security for IEEE 802 Networks

Call For Interest Summary and Next Steps

IEEE 802 Plenary Meeting

Kauai, Nov 12, 2002

Presentation

- Link Security for IEEE 802 Networks – Dolors Sala, Broadcom
- Broadband Market Potential and Necessity for Security – Yukihiro Fujimoto, NTT
- IEEE 802.11i draft & Call For Interest on Link Security for IEEE 802 Networks - David Halasz, Cisco Systems
- Authentication, Security and Security Risks – Robert Moskowitz, ICSAlabs

CFI Objectives

- Form an Executive Committee Study Group on Security chartered until the close of the March, 2003 plenary meeting, with the following scope and charter:
- Scope: Link security for IEEE 802 networks
- Charter:
 1. Evaluate link security architecture issues (i.e. layer model, threat analysis, etc) with the objective to identify the broader scope that can be common to all MAC solutions
 2. Develop a PAR and 5 Criteria for a new standard for link security that can be applied to IEEE 802 networks, and in particular to 802.3 networks
 3. Make a recommendation on the placement of the project within IEEE 802 and/or existing working groups

Straw Poll (1)

Should the IEEE 802 executive form a study group to develop a standards project proposal (PAR and 5 criteria) for link security?

Y: 77

N: 1

A: 14

Straw Polls (2)

I would participate in the Link Security Study Group sponsored by IEEE 802 Executive

Tally _32_

My company would support participation in the Link Security Study Group sponsored by IEEE 802 Executive

Tally _18_

Straw Polls (3)

How many **protocol security experts** would participate in the Link Security Study Group sponsored by IEEE 802 Executive

Tally 8

How many companies would support the participation of their **security experts** in the Link Security Study Group sponsored by IEEE 802 Executive

Tally 10

Straw Poll (4)

How many people will attend the SG meeting in
January

Tally _21_

Straw Polls Summary

1. Should the IEEE 802 executive form a study group to develop a standards project proposal (PAR and 5 criteria) for link security?
Y: **_77_** N: **_1_** A: **_14_**
 2. I would participate in the Link Security Study Group sponsored by IEEE 802 Executive. Tally **_32_**
 3. My company would support participation in the Link Security Study Group sponsored by IEEE 802 Executive. Tally **_18_**
 4. How many **protocol security experts** would participate in the Link Security Study Group sponsored by IEEE 802 Executive. Tally **_8_**
 5. How many companies would support the participation of their **security experts** in the Link Security Study Group sponsored by IEEE 802 Executive. Tally **_10_**
 6. How many people will attend the SG meeting in January. Tally **_21_**
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802.3 WG Motion: SG on Link Security

**Request that P802 form an Executive
Committee Study Group on Link Security for
IEEE 802 networks**

Moved: Dolores Sala

Second: Dan Romascanu

802.3: Y: 54 N: 2 A: 17

Executive Committee Results

- **To form an Executive Committee Study Group on link Security with charter given in Slide 3:**

Favor: 13 Against: 0 Abstain: 0

- **To appoint Dolores Sala as the chair of the ECSG on Link Security**

Favor: 13 Against: 0 Abstain: 0

Next Steps

- **SG web site and reflector will be available soon**
- **First Study Group meeting planned for:**
 - Vancouver, January 9-10, 2003
 - Collocated with
 - 802.3 EFM (EFM meets January 6-9, 2003)
 - 802.3 DTE power
 - 802.1