IEEE 802 LAN/MAN

Spatial Reuse Protocol (SRP) Call for Interest Session – Minutes of Proceedings

Date: March 8, 2000

(List of attendees at the end)

Item 1: Opening

Intent and objectives of forming a SG were highlighted and parameters of the session explained. Agenda and individual introductions followed.

Item 2: Recap of previous tutorial.

Previous day's tutorials were recapped with the floor open to questions.

M.Takefman presented SRP Concepts:
  Clarification requested on multi-ring bridging or routing XC and basic requirements within MAN mesh/ ring, SP/Enterprise business case
  Clarification on provisioning ease in comparison with other approaches
  Discussion and comparison to aggregation LAN switch topologies and comparable fail-over scenarios
  Discussion on multicast gains
  Clarification on ring choice and fairness
  Discussion of media independence and possible usage of ether-media.

P.Lothberg presented real world requirements:
  More discussion on other fail-over scenarios such as VRRF & Spanning Tree
  Discussions on policy and provisioning simplicity requirements
  Clarification on fairness algorithm
  Clarification on MTU size requirements
  Clarification on over-subscription rates;

Off topic business item raised re: Interim meeting; Sprint offered to host for SRP and 802.1 collocate; But 802.1 might collocate with .3 or .11; Not yet firm; Resolution by the end of the meeting.

Item 3: Business and Organizational Issues:

a) **Scope, Goals and Objectives**

Questions on goals, based on which requirement / problem to be solved; Comment that PAR was made to address these; Problem Keywords put forward: Layer Elimination, Bandwidth Multiplication; Protection Switching; Multicast; Defined Fairness; Media Independence; Comments raised on new user requirements and demand from new applications such as VoIP; Comments that this does not necessarily point to rings; Comments that SG to clarify this (distinct identity) within PAR.

b) **Study Group Name**

SG Name selection was opened to discussion; Suggestion is to stay with Packet Ring SG (PRSG). Several suggestions tabled and voted upon as follows:

Study Group Name (vote count):

Scalable Resilient LAN/MAN/WAN SG (12)
Scalable Resilient Network SG (5)
Packet Ring SG (22)
Resilient Network SG (7)
Resilient LAN/MAN/WAN SG (15)
Resilient MAN/WAN SG (4)
Switched Rings SG (2)

Motion: to take the top choice PRSG
M: Nader Vijeh S: Stuart Robinson

Amendment raised to change to Resilient Packet Rings SG (RPRSG)
M: Vince Eberhard S: George Eisler (Requires > 50% vote)
Yes (23); No (2) - Amendment passed.

Concern raised on name defining the SG scope. Noted.

Motion vote on Study Group name Resilient Packet Ring SG (RPRSG)
Yes (25); No (8); Abstain (2) - Motion passed.

c) **Drafting of Request to Exec Committee for SG Formation**

Process briefly explained. Reviewed and raised for approval the initial draft of motion to be submitted to 802 SEC. Motion: M: Aaron Dudek S: Nader Vijeh

Amendment to the draft motion to reword as follows:

> *Motion requests 802 Sponsor Executive Committee (SEC) to approve formation of Executive Committee Study Group (ECSG) to be known as Resilient Packet Rings Study Group (RPRSG). The problem space includes optimized packet transfer on LAN/MAN/WAN rings, elimination of layers and equipment to improve the economy of deployment, bandwidth multiplication, fast protection and restoration, efficient multicast, fairness, media independence.*
>
> *And to appoint M. Takefman as chairman.*
>
> *The activities will include investigation of new MAC protocol.*

Amendment: M: Andrew Smith S: Sharam Hakimi

Note: This motion also includes the following amendments.

Request that M.T. outline qualifications to chair this SG. Done.

Comments: Clarify loose application of 'MAC' definition; Clarify work belonging to PAR creation; Comments on desire to see more requirements.

Amendment raised to strike 'elimination of layer'. Objection raised; Amendment withdrawn.

Comment that SG should discuss layering. Amendment to modify 'discussion of layering and elimination of equipment'

Amendment Vote:
Yes (16); No (3); Abstain (8) - Amendment passed.

Amendment raised to separate appointment of Chair.
M: Andrew Smith S: Sharam Hakimi
Yes (7); No (14); Abstain (8) - Amendment defeated

Final Vote on Main Motion including Chair appointment:
Yes (20); No (3); Abstain (5) - Motion for executive committee passed.

Item 4: Fairness Simulation Presentation

BJ Lee presented detailed simulation findings using the fairness algorithm.

Questions raised and clarification made on key features.

Item 5: Next Steps

Sprint offered to host interim at Hyatt Regency at Reston, Virginia. To be finalized.

Group given the exploder and webpage details as follows:

> To subscribe to exploder, send email to: majordomo@ieee.org with 'subscribe standards-802-rprsg' in the body

> Web page will be established at http://www.ieee802.org/RPRSG

Discussed SG requirements, technical presentations, requirements for interim meeting etc.

Discussions before the interim meeting to be done via the exploder mail.

List of Attendees:

M. Takefman (elected Chair)	tak@cisco.com
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G. Eisler	

Total Attendees: 42

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