

RBR Study group meeting
2004May07
Teleconference
13:30-15:30

David James	JGG	dvj@alum.mit.edu
Khaled Amer	AmerNet Inc.	amer@amernet.net
Mike Takefman	Cisco	tak@cisco.com
David Gustavson	SCIzzL	dbg@SCIzzL.com
Tom Mathey	Self	tmathey@concentric.net
Bill Gintz	Sues	wcgintz@ieee.org

Bill:
CMOS signaling, fibre channel, SCSI
Serial ATA, T10, T11

Discussion on Scope and Purpose:
Cache coherence: possible but beyond our scope

Tom Mathey:
Transport the information, but don't interpret it

David Gustavson:
Need to ensure the post office delivery works correctly
Packet reordering, request/response deadlock free,
flow control without reordering.

Entity ballot:
What constitutes an entity
Is that for all ballots, or only ballot, or at all meetings.
What is an entity? ANSI is inappropriate to hire consultants.
Check if Sponsor Ballot is the case.
> Request change from entity to individual.
> Research the n or m meeting precedence in MSC.
Mike on RPR:
First session and 75% of the session => member
Window of meetings, >= 1/2 of the 4 meetings

Mike Takefman
What is the distance limitation? Is this only a backplane?
Would this be between backplanes? What is the limitation?

Gustavson:
Audio, video, file transfers with good behaviors
Point to point signals can go some long distances

Tom:
What characteristics cannot be done with existing technologies?

Question:
What is the distance limits when backplane is not a backplane?

Khaled:
Flow control and/or congestion management can be further optimized
for shorter distances, which have smaller round-trip delays.

Transparent bridging?
48-bit and 64-bit address, which and where?

Infiniband, rapid-io, hypertransport, fiber channel:
Can these easily be bridged?

Bill: TV or packet error checking?
Service dependent error checking; what and how?
May have different error tolerance and real time constraints?

Khaled: Is the CRC worth the change?

Mike Takefman: Should it have a 64-bit CRC?
Tom: Don't know what is the optimal 32-bit CRC?

Next meeting/teleconference:

RBR Study Group meeting

2004Jun01 13:00-17:00 PST

Nortel Networks
Luminous 2 conference room
4655 Great America
Santa Clara, CA
(right in front of the entrance to the theme park).
Host:
Hesham Elbakoury
(408) 495-3410

DVJ