

Status of Data Center Bridging

Pat Thaler

July 2008

pthaler@broadcom.com

Overall Status

- Qau Congestion Notification:
 - Congestion feedback algorithm chosen: QCN
 - Draft in task group balloting
- Qaz Enhanced Transmission Selection:
 - Proposal is under consideration
 - Charter editor to ready draft for 1st task group ballot this meeting?
- Qbb Priority-based Flow Control:
 - Proposal is under consideration
 - Charter editor to ready draft for 1st task group ballot this meeting
- Also have proposal for MIB and LLDP TLVs for Qaz and Qbb -
 - Issue: need something else for negotiation?

802.3 issues

- Qbb frame issues
 - Current proposal uses the PAUSE destination address and MAC control Ethertype.
 - Not friendly to leveraging for use in other MACs.
 - That destination address is now designated by 802.1 for MAC specific use.
 - Other MACs can use it other ways.
 - DA might get changed to one of the 802.1 bridge-scoped addresses
 - Ethertype may be replaced.

Tentative DCB schedule this week

- Tuesday – mainly Qau CN
- Wednesday – Qaz ETS and Qbb PFC
- Thursday – new topic discussion