802.1aj
Two-Port MAC Relay
Editor's report

John Messenger, September 2008

v02

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Ballotting

- PAR granted December 2004
  - Initial draft 0.0 May 2005
  - Draft 1.0 July 2005
  - Draft 1.1 August 2005
  - Draft 1.2 November 2005
  - Draft 1.3 May 2006
  - Draft 1.4 June 2006
  - Draft 2.0 January 2007
  - Draft 2.1 May 2007
  - Draft 2.2 October 2007 (Working group ballot)

- 802.1aj Draft 2.2 Comment resolution is complete

- 802.1aj Draft 3.0 issued September 2008
  - MIB not updated
  - No PICS
  - All other comments addressed.

Main remaining issues

- ▶ MIB
    - ▶ Brian Hassink (MIB editor) has produced a new MIB, based on draft 3.0 and the resolutions of ballot comments on D2.2
        - ▶ This will be incorporated into the next draft
    - ▶ sysUpTime object (in 12.17.1.1.1.3)
        - ▶ I think this should this simply be deleted (per ballot comments)
    - ▶ Virtualisation of MIB
        - ▶ Now that there is a T-component intended for use in BEBs, does the MIB need to have additional indices or other changes?
    - ▶ Should the TPMR-mib be separate or a subset of the Q-MIB?
        - ▶ Some objects are duplicated.

- ▶ PICS
    - ▶ It seems that the draft is reasonably stable, so now is a good time for the PICS to be added.

- ▶ Address tables – forwarding of reserved addresses

MAC Status Protocol (MSP) issues

▸ Should MSP be allowed on Q-bridge ports in general? This is proposed in Mick's paper and seems sensible.
  ▸ How would this be accomplished?

▸ Text is required to describe the interaction of MSP with shared media LANs.
  ▸ Where should such text appear?

Forwarding of reserved addresses

▸ Table 8-3 states that TPMR forwards all addresses except
  ▸ Individual LAN Scope group address / Nearest Bridge group address
    ▸ 01-80-C2-00-00-0E

▸ There are no ballot comments to change this.

▸ There was a apparently discussion at the May meeting to change this so that additional addresses are not forwarded by a TPMR

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Plan

▸ Generate 802.1aj/D3.1 following this meeting, incorporating
  ▸ Revised MIB
  ▸ PICS
  ▸ Changes agreed this week

▸ Submit this for WG recirculation ballot based on the vote taken at the July 2008 plenary.

▸ Comment resolution at the November plenary

▸ Perhaps we can get approval to go to sponsor ballot following the November meeting.
  ▸ This may depend on resolution of the MIB indexing issue.

Thank You

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ADVANCE

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