802.1 Agenda items and supporting material

Geneva, 07/2013

MOTION

- 802.1 directs the 802.1 Chair to propose the EC defer approval of the proposed CSD to November to allow proper review of the text by the WGs.
- Proposed: Gray
- Second: messenger
- 29/0/2
- EC proposed: Jeffree
- EC seconded: Thaler

Rationale:

- The revised text was not made available to the WGs until late Thursday afternoon
- There has therefore been no opportunity for proper WG review of the text

Motion

- 802.1 requests EC approval to forward the P802.1Qcc “Stream Reservation Protocol (SRP) Enhancements and Performance Improvements” PAR to NESCOM
- Proposed: Johas Teener
- Second: Gray
- For 24 Against 0 Abstain 4

- EC proposed: Jeffree Second: Thaler
- For____Against___Abstain____

P802.1Qcc supporting material

- PAR was precirculated, comments were received from 802.11 and were responded to, updated PAR and 5C were circulated, and are available here:
- http://www.ieee802.org/1/files/public/docs2013/new-p802-1qcc-draft-par-0713-v2.pdf
- http://www.ieee802.org/1/files/public/docs2013/new-p802-1qcc-draft-5c-0513-v2.pdf

Motion

- 802.1 requests EC approval to forward the P802.1Qcd Application VLAN ID TLV PAR to NESCOM
- Proposed: Thaler
- Second: Gray

For 26 Against 0 Abstain 2

- EC proposed: Jeffree Second: Thaler
- For____Against___Abstain____

P802.1Qcd supporting material

- PAR was precirculated, comments were received from 802.11 and were responded to, updated PAR was circulated, and is available here:
- http://www.ieee802.org/1/files/public/docs2013/new-p802-1qcd-draft-par-0713-v01.pdf
- 5C document is unchanged from the version precirculated:
- http://ieee802.org/1/files/public/docs2013/new-p802-1qcd-draft-5c-0513-v01.pdf

Motion

- 802.1 requests EC approval to submit 802.1Qbp to Sponsor Ballot.

- Proposed: Haddock
- Second: mack-crane
- For _20____Against__1___ Abstain _12____

- EC proposed: Jeffree   Second: Thaler
- For____Against___Abstain____

802.1Qbp D1.5 WG Ballot Results

Category	Total	Percentage
Yes	19	95%
No	1	5%
Abstain	24	55%
No. of Voters	60	100%
Voters responding	44	73%

- *Cl **20** SC **20.28.2 P96 L 27 # 2*** Xiao Min
- *Comment Type **TR*** *Comment Status **R***
  - Current draft states "the flow_hash parameter is set to zero", which is believed to be inflexible, for example, if the LBR path with flow_hash 0 is failed, the LoopBack function can't work. As what's been proposed before, an optional Reverse Flow Hash TLV should be defined for LBM, which provides the operator with flexibility on selecting LBR path.
- *SuggestedRemedy*
  - Because the Reverse Flow Hash has the similar intention as Reverse MAC & Reverse VID carried in PBB-TE MIP TLV, item d) may be changed to: d) In the case of ECMP with flow filtering, the flow_hash parameter is set to the value carried in the Reverse Flow Hash field contained in the Reverse Flow Hash TLV of the received LBM, otherwise set to zero if there is no Reverse Flow Hash TLV in the received LBM, and the time_to_live parameter is set to 63. Some other changes are needed and have been recorded in D1-1 of this draft standard.
- *Response*
  - REJECT.
  - If there is no reverse path and the LBR is not received this indicates there is a problem. This is an expected result (fault detection or verification) and not a failure of LBR. Also note that D1.1 does not contain the changes required to specify a reverse flow hash.
  - This has been proposed in the past and has not received sufficient support. **It is a restatement of a comment submitted on the first WG ballot.**

- *Cl **20 SC 20.47.4 P99 L 22 # 3*** Xiao Min
- *Comment Type **TR*** *Comment Status **R***
  - Current draft states "the flow_hash parameter is set to zero", which is believed to be less reliable, for example, if one LTR path with flow_hash 0 is failed, the LinkTrace function would fail to tell the correct node list through the path. As what's been proposed before, more LTRs than one (the number of LTRs equals the number of available LTR paths) should be allowed sent from every MP, which makes the LinkTrace function more reliable when it's used for ECMP path.
- *SuggestedRemedy*
  - Insert below text to 20.47.4 first paragraph: In the case of ECMP with flow filtering, constructs and enqueues one or more LTR(s) which cycles through all available path(s) for later transmission by xmitOldestLTR() as follows. Because the behavior that LTR cycles through a set of flow hash values is similar to CCM used for ECMP path MA, item e) may be changed to: e) In the case of ECMP with flow filtering, the flow_hash parameter cycles through a set of flow hash values if there are more than one available path, otherwise is set to zero if there is only one available path, and the time_to_live parameter is set to 63. Some other changes are needed and the commenter can help the editor to sort them out.
- *Response*
  - REJECT.
  - Although unlikely, LTR frames may be lost for a number of reasons. It is likely that a subsequent LTM will result in an LTR being received. Sending additional LTR frames is complicated and would not provide any significant benefit. The calculation required to identify the set of flow hash values covering the set of possible return paths is significant (for a MIP). Multiple LTRs may create undesirable load on the network.
  - This has been proposed and discussed before. The proposal has not received sufficient support to include it in the standard. **It is a restatement of a comment submitted on the first WG ballot.**

- *Cl **12 SC 12.14.7.1.3 P23 L 53 # 11*** Xiao Min
- *Comment Type **TR*** *Comment Status **R***
  - I think the list element order in the list of flow hash values will affect the correct set of RDI flag, in detail, the list element order in one MEP should be aligned with the list element order in peer MEP to ensure congruent path CCM transmission, otherwise the set of RDI flag in CCM[i] can't reflect unidirectional path failure of path[i] correctly
- *SuggestedRemedy*
  - For manual input of the list of flow hash values, it should be noted that consistent order is needed for two MEPs in the same MA; For auto generation of the list of flow hash values, it should be noted that one common method which ensures consistent list order should be used by two MEPs in the same MA
- *Response*
  - REJECT.
  - The method described does not depend on the order or number of flow hashes configured at each end of the MA. RDI is set if a sufficient period passes without receiving a CCM and the RDI is returned in transmitted CCMs regardless of the flow hash associated with those CCMs.
  - Discussion revealed a further proposal to send information along with RDI that indicates a specific flow hash (representing a path) as being failed.
  - **This comment is out of scope for this recirculation ballot.** The comment may be resubmitted with proposed text at Sponsor ballot.

MOTION

- 802.1 requests EC approval for forwarding P802.1AS-Cor1 to RevCom.
- Proposed: Parsons
- Second: Gray
- For: 26 Against: 0 Abstain: 1

- EC proposed: Jeffree Second: Thaler
- For____Against___Abstain____

P802.1AS-Cor1 supporting material

BALLOT OPEN DATE: 25-Apr-2013
BALLOT CLOSE DATE: 05-May-2013
TYPE: New
DRAFT #: D3.1
BALLOTS RECEIVED: 8
VOTE CHANGES: 7
COMMENTS: 9
MUST BE SATISFIED COMMENTS: 2

RESPONSE RATE
This ballot has met the 75% returned ballot requirement.
81 eligible people in this ballot group.

71 affirmative votes
0 negative votes with comments
0 negative votes without comments
3 abstention votes: (Lack of expertise: 1, Lack of time: 2)
74 votes received = 91% returned, 4% abstention

APPROVAL RATE
The 75% affirmation requirement is being met.
71 affirmative votes
0 negative votes with comments
71 votes = 100% affirmative

MOTION

- 802.1 requests EC approval to forward P802.1Xbx to ISO/IEC JTC1 SC6, for information under the PSDO agreement, at the opening of the WG ballot.
- Proposed: Seaman Second: Parsons
- For__24__Against_0__Abstain__2__

- EC proposed: Jeffree Second: Thaler
- For____Against___Abstain____

MOTION

- 802.1 approves the liaison to SG15 of ITU-T and MEF regarding ITU-T OLS 041, as presented (with editorial license)
- http://www.ieee802.org/1/files/public/docs2013/liaison-messenger-y1731-mip-changes-0713-v01.pdf

- Proposed: Messenger Second: gray
- For__13__Against_0__Abstain_12__

MOTION

- 802.1 directs the 802.1 Chair to vote against forwarding the 802.15.10 draft PAR
- Proposed: Messenger
- Second: Gray
- 28/0/5