802.1AB/D11 Sponsor Confirmation Ballot Comment Summary

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10/06/2004
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Ballot Summary – so far

- Ballot officially closes Oct 8th
- Single ‘no’ voter, all others have converted to ‘yes’ votes
- 13 ballots returned providing the following tally:

<table>
<thead>
<tr>
<th>CATEGORY</th>
<th>TOTAL</th>
<th>PERCENTAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>43</td>
<td>89.6</td>
</tr>
<tr>
<td>No</td>
<td>1</td>
<td>2.1</td>
</tr>
<tr>
<td>Abstain</td>
<td>4</td>
<td>8.3</td>
</tr>
<tr>
<td>Coordination</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>No. of Voters</td>
<td>59</td>
<td></td>
</tr>
<tr>
<td>Voters responding</td>
<td>48</td>
<td>81.4</td>
</tr>
</tbody>
</table>

- 8 Editor’s proposed comments, 137 comments from sole no voter
No Voter Comment Summary

- Revisions to posted draft 10 comment resolutions – No Action Required
  - Comments 4, 6, 18-20, 22-26, 29-33, 36, 37, 45, 46, 53 and 54
- Propose action other than on draft 11 – No Action Required
  - Comments 2 and 3
- Line numbering issues without resolution – No Action Required
  - Comments 1, 4 and 5
- Non-controversial comments that can be accepted – Propose Accept
  - Comments 7-13, 21, 27, 28, 34, 35, 38-40, 47, 49-51, 57, 58, 65, 66, 69, 70, 72, 73, 75, 79, 80, 84, 87, 89-91, 93, 101, 103, 117, 122, 123, 126, 127, 130, 132, and 133
- References – normative vs informative
  - Comments 14-17, and 94
- TLV and TLV field names
  - Comments 41-44, 60-64, 67, 68, 83, 102, 104, 105, 107-111 and 128
- Ethertype
  - Comments 48, 55, and 112
- Bit ordering and number interpretation
  - Comments 59, 74, 119, 121, 129, 78, 82, 106, and 118
- Table format
  - Comments 71, 81, 113, 114, 120, 125, 131, 134, 136, and 137
- MIB issues
  - Comments 92, 115, 116 and 135
- Other miscellaneous comments
  - Comments 88, 99, 100 and 124
Editor’s Proposed Comments

• Compiled from bugs or confusion found by early implementers

• Comment summary
  1. OID field encoding not specified
  2. statsFrameDiscardedTotal not counting discards due to lack of space (i.e. tooManyNeighbors)
  3. Rx state machine does not age remote entries when port is down
  4. Rx state machine does not handle bad LLDPDUs
  5. Confusion around Rx state machine instances
  6. Non-SNMP management conformance statement
  7. Error in 802.3 TLV diagram with remote fault indication
  8. Error in 802.3 TLV diagram for Power over DTE
Current RX State Machine

BEGIN

portEnabled == FALSE

LLDP_WAIT_PORT_OPERATIONAL

portEnabled == TRUE

RX_LLDP_INIT

rxInitialize
rcvFrame
somethin

(adminStatus == enabled)
(adminStatus == enabled)
Proposed RX State Machine

- portEnabled == FALSE
- LLDP_WAIT_PORT_OPERATION
    - rxInfoAge == TRUE
    - DELETE_AGED_INFO
        - somethingChangedRemote = FALSE
        - mibDeleteObjects ()
        - rxInfoAge = FALSE
    - somethingChangedRemote = TRUE
    - RX
        - (adminStatus == en)
        - UCT
Next Steps

• Review proposed disposition
• Review proposed editor’s comments
• Submit editor’s comments prior to 10/8
• Process additional comments via phone conference (if necessary)
• Produce D12 – target 10/22
• Run and close confirmation ballot prior to Nov 14th
• Submit document (if clean 2nd confirmation)