Ballot results of P802.1ag Draft 5.2

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Jan. 12, 2006
### Votes

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Major issues resolved

- Protocol Data Unit Changes
  - MAID limited to 48 octets.
  - CCM limited to 128 octets.
  - Time stamps removed from CCM, replaced by a 16-octet field for use by ITU-T Y.1731, with its contents indicated by a TBD encoding in the Flags field.
Major issues resolved

• Terminology changes
  — MA Level is a characteristic of the Maintenance Domain, not the Maintenance Association, hence will be called an “MD Level”.
  — We will live with the P802.1ag “MD Level” versus the Q5/13 “MEG Level” difference in terminology.
Major issues resolved

- Protocol operation issues
  - Terminal CCM deleted.
  - Only CFM messages processed by a MIP or MEP will be fully validated.
  - A higher-priority defect will trigger an additional Fault Alarm after a lower-priority defect has triggered a first Fault Alarm.
  - No payload loopback capability will be added to P802.1ag.
Major issues resolved

- Specification issues
  - Figures 19-8 and 19-9, specifying the operation of the MEP and MHF, will be simplified and corrected.
  - State machines for LBM generation and LTM generation will be greatly simplified.
  - Default configuration values will be defined such that an out-of-the-box bridge will have Linktrace and Loopback capabilities.
  - Support for multiple VIDs per Service Instance must be defined.
  - MIP CCM Database will be properly defined.
Major issues resolved

- Other changes
  - All remaining boilerplate subclauses will be completed.
  - The positioning of MHFs, either adjacent or on opposite sides of the bridge, will be better documented.
  - Three-layer Customer/Provider/Operator division of MD Levels will be moved to non-normative clause.
• There are still questions about whether the CCM and LTM can or cannot have unicast destination MAC addresses.