CSD responses for Managed Objects, Coexistence, Distinct Identity and Compatibility

Managed Objects

Describe the plan for developing a definition of managed objects. The plan shall specify one of the following:
   a) The definitions will be part of this project.
   b) The definitions will be part of a different project and provide the plan for that project or anticipated future project.
   c) The definitions will not be developed and explain why such definitions are not needed.

- The definition of protocol independent managed objects, to be included in Clause 30 of IEEE Std 802.3, will be part of this project.

- In addition it is expected that the definition of Simple Network Management Protocol (SNMP) managed objects, written using the Structure of Management Information version 2 (SMIv2), and making reference to the protocol independent managed objects provided by this project, will be added in a future amendment to, or revision of, IEEE Std 802.3.1 IEEE Standard for Management Information Base (MIB) Definitions for Ethernet.

Coexistence

A WG proposing a wireless project shall demonstrate coexistence through the preparation of a Coexistence Assurance (CA) document unless it is not applicable.
   a) Will the WG create a CA document as part of the WG balloting process as described in Clause 13?
   b) If not, explain why the CA document is not applicable

- A CA document is not applicable because the proposed project is not a wireless project.

Compatibility

Each proposed IEEE 802 LMSC standard should be in conformance with IEEE Std 802, IEEE 802.1AC, and IEEE 802.1Q. If any variances in conformance emerge, they shall be thoroughly disclosed and reviewed with IEEE 802.1 WG prior to submitting a PAR to the Sponsor.

 a) **Will the proposed standard comply with IEEE Std 802, IEEE Std 802.1AC and IEEE Std 802.1Q?**
 b) **If the answer to a) is "no", supply the response from the IEEE 802.1 WG.**
 c) **Compatibility with IEEE Std 802.3**
 d) **Conformance with the IEEE Std 802.3 MAC**
 e) **Managed object definitions compatible with SNMP**

- As an amendment to IEEE Std 802.3, the proposed project shall comply with IEEE Std 802, IEEE Std 802.1AC and IEEE Std 802.1Q.

- As was the case in previous IEEE Std 802.3 amendments, this 25 Gb/s amendment will define new physical layers.

- As an amendment to IEEE Std 802.3, the proposed amendment will conform to the full-duplex operating mode of the IEEE 802.3 MAC.

- By using the existing IEEE Std 802.3 MAC protocol, the proposed amendment will maintain compatibility with the installed base of Ethernet nodes.

- The project will include a protocol independent specification of managed objects with SNMP management capability to be provided in the future by an amendment to or revision of IEEE Std 802.3.1.

Distinct Identity

Each proposed IEEE 802 LMSC standard shall provide evidence of a distinct identity. Identify standards and standards projects with similar scopes and for each one describe why the proposed project is substantially different.

Substantially different from other IEEE 802.3 specifications / solutions.

- The proposed amendment will be the first IEEE 802.3 standard operating at a 25 Gb/s MAC rate.
- There are no existing standards, or projects developing standards, addressing the specification of 25 Gb/s Ethernet.