This provides responses to comments on the FDIS ballot on ISO/IEC/IEEE FDIS 8802-A.

The voting results on ballot ISO/IEC/IEEE FDIS 8802-A:

- Do you approve the technical content of the final draft? Passed 11/1/10
- 1 comment with the China NB NO vote.

The comments have been processed using the mechanisms defined and agreed in 6N15606. This document provides the responses from IEEE 802[1] to the comments by China NB on this ballot.

China NB comment 1 on ISO/IEC/IEEE FDIS 8802-A:

For IEEE 802-2014 and its amendments, China has clearly suggested that the IEEE should use OID to unify the management of the resources involved in the IEEE 802 standard. Unfortunately, our suggestion has not been adopted, resulting in the lack of a feasible and effective way to manage the relevant network resources in the current IEEE 802.
hina cannot support ISO/IEC/IEEE FDIS 8802-A publish as an international standard.

Proposed Change:
It is suggested that IEEE use OID to unify the management of the resources involved in the IEEE 802 standard.

IEEE 802 response to CN.1 on ISO/IEC/IEEE FDIS 8802-A:

IEEE Std 802-2024, IEEE Standard for Local and Metropolitan Area Network: Overview and Architecture contains descriptions of the IEEE 802® standards published by the IEEE for frame-based data networks as well as a reference model (RM) for protocol standards. A specification for the identification of public, private, and standard protocols is included. This standard is an update of IEEE Std 802-2014, Overview and Architecture (ISO/IEC/IEEE 8802-A:2015) as previously amended by IEEE Std 802c-2017 (ISO/IEC/IEEE 8802-A:2015/Amd 2:2019), by IEEE Std 802d-2017 (ISO/IEC/IEEE 8802-A:2015/Amd 1:2018), and by IEEE Std 802f-2023 (ISO/IEC/IEEE 8802-A:2015/Amd 3 ed.1).

Clause 7.2.3, Managed object definitions, specifies that a managed object address uses “an object identifier (OID), as described in Clause 10 or a Uniform Resource Name (URN), as described in Clause 11.” OID-based identifiers are supported and described in Clause 10, which specifies a simple and consistent OID hierarchy and construction of a protocol identifier as an extension of the 24-bit unique OUI assigned to an organization. As has been stated in prior responses to ballot comments from China NB, including IEEE Std 802c ballots in 2018 and 2019, more compact identifiers, such as EtherTypes, are more efficient for use as protocol identifiers.

Without technical substantiation of any related concerns, IEEE 802 cannot consider modification of the existing IEEE 802 standard.

Unapproved Draft

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