

**This provides responses to comments ISO/IEC JTC1/SC6 ballot of IEEE Std 802-2024.**

**The voting results on IEEE Std 802-2024 are in SC6 N18563:**

- Support need for ISO standard? Passed 10/0/8
- Support this submission being sent to FDIS ballot? 9/1/8
- 1 comment with the China NB vote.

The comments have been processed in a timely manner using the mechanisms defined and agreed in 6N15606. This document provides the responses from IEEE 802<sup>1</sup> to the comments by China NB on this ballot.

**China NB comment 1 on IEEE Std 802-2024:**

*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.*

*With this resource management issue not properly addressed, we do not support IEEE 802-2024 go forward FDIS.*

*Proposed Change:*

*It is strongly 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 IEEE Std 802-2024:**

IEEE Std 802-2024, IEEE Standard for Local and Metropolitan Area Network: Overview and Architecture contains descriptions of the IEEE 802<sup>®</sup> 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 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 IEEE Std 802f-2023 (ISO/IEC/IEEE 8802-A:2015/Amd 3 ed.1).

Clause 7.2.3, Managed object definitions, has not been modified. In Clause 7.2.3 item c), it is stated: “An address that allows the management protocol to specifically communicate with the managed object in question. In IEEE 802 this is done with an object identifier (OID), as described in Clause 10” but enhances it by permitting use of a URN with the additional text “or a Uniform Resource Name (URN), as described in Clause 11.” Furthermore, 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.

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

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