

IEEE 802.3 Ethernet Working Group Liaison Communication

Source: IEEE 802.3 Working Group¹

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From: David Law Chair, IEEE 802.3 Ethernet Working Group
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Subject: Liaison reply to China NB comment on the ISO/IEC/IEEE 8802-3:2017/FDAmD 1 FDIS ballot

Approval: Agreed to at IEEE 802.3 Plenary meeting, Orlando, FL, USA, 9th November 2017

Dear ISO/IEC JTC1 SC 6 Secretariat,

IEEE 802.3 would like to thank China NB for their review and comment on the ISO/IEC/IEEE 8802-3:2017/FDAmD 1 (IEEE Std 802.3bw-2015) FDIS ballot. Please find below the comment and the proposed change as received followed by the response from the IEEE 802.3 Ethernet Working Group.

Comment CN1:

ISO/IEC/IEEE 8802-3:2017/FDAmD 1 is the amendment to 802.3™-2017. Security is an essential part of network-related standards, especially to Ethernet. The lack of security mechanisms will enable Ethernet facing various security threats, such as forgery devices, communications from eavesdropping and tampering. However, The version of both IEEE 802.3™-2017 and ISO/IEC/IEEE 8802-3:2017/FDAmD 1 fail to add the specification of Ethernet security in the text, neither security mechanisms nor references to other security specifications, which results in an incomplete standard system, and is not conducive to the implementation and application of the standard.

¹ This document solely represents the views of the IEEE 802.3 Working Group, and does not necessarily represent a position of the IEEE, the IEEE Standards Association, or IEEE 802.

Proposed change:

[None.]

Response from the IEEE 802.3 Ethernet Working Group:

IEEE Std 802.3-2015 and its amendments are security agnostic and allow the user to run any security protocol.

Sincerely,
David Law
Chair, IEEE 802.3 Ethernet Working Group