



IEEE Standard for Local and Metropolitan Area Networks—

Timing and Synchronization for Time-Sensitive Applications

Corrigendum 1: Technical and Editorial Corrections

IEEE Computer Society

Developed by the
LAN/MAN Committee

IEEE Std 802.1AS™-2020/Cor 1-2021
(Corrigendum to IEEE Std 802.1AS-2020)

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Abstract: Technical and editorial corrections to IEEE Std 802.1AS™-2020 are provided in this corrigendum.

Keywords: best master, frequency offset, Grandmaster Clock, Grandmaster PTP Instance, PTP End Instance, PTP Relay Instance, IEEE 802.1AS™, phase offset, synchronization, syntonization, time-aware system

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This introduction is not part of IEEE Std 802.1AS-2020/Cor 1-2021, IEEE Standard for Local and Metropolitan Area Networks—Timing and Synchronization for Time-Sensitive Applications—Corrigendum 1: Technical and Editorial Corrections.

The first edition of IEEE Std 802.1AS was published in 2011. A first corrigendum, IEEE Std 802.1AS-2011/Cor1-2013, provided technical and editorial corrections. A second corrigendum, IEEE Std 802.1AS-2011/Cor2-2015 provided additional technical and editorial corrections.

The second edition, IEEE Std 802.1AS-2020, added support for multiple gPTP domains, Common Mean Link Delay Service, external port configuration, and Fine Timing Measurement for 802.11 transport. Backward compatibility with IEEE Std 802.1AS-2011 was maintained.

This corrigendum, IEEE Std 802.1AS-2020/Cor1-2021, provides technical and editorial corrections.