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Information technology — Telecommunications and information exchange between systems — Local and metropolitan area networks — Specific requirements

Part 1AX: Link Aggregation

Technologies de l'information — Télécommunications et échange d'information entre systèmes — Réseaux locaux et métropolitains — Exigences spécifiques —
Partie 1AX: Agrégation de lien

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IEEE Standard for
Local and metropolitan area networks—

Link Aggregation

IEEE Computer Society

Sponsored by the
LAN/MAN Standards Committee

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3 Park Avenue
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IEEE Std 802.1AX™-2014
(Revision of
IEEE Std 802.1AX-2008)

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IEEE Std 802.1AX-2008)

IEEE Standard for

Local and metropolitan area networks—

Link Aggregation

Sponsor

LAN/MAN Standards Committee

of the

IEEE Computer Society

Approved 10 December 2014

IEEE SA-Standards Board

Abstract: MAC-independent Link Aggregation capability and general information relevant to specific MAC types are defined in this standard. Link Aggregation allows parallel full-duplex point-to-point links to be used as if they were a single link and also supports the use of multiple links as a resilient load sharing interconnect between multiple nodes in two separately administered networks.

Keywords: Aggregated Link, Aggregator, Distributed Resilient Network Interconnect, DRNI, IEEE 802®, IEEE 802.1AX™, interconnect, Link Aggregation, Link Aggregation Group, local area network, management, Network-Network Interface, NNI

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