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IEEE Publishes IEEE 802.1Qbz Enhancements to Bridging of IEEE 802.11 Media

New standard specifies protocols, procedures, and managed objects for IEEE 802.11 media to provide internal connections within bridged networks, as well as access to bridged networks.

PISCATAWAY, NJ, XX November 2016 – IEEE, the world's largest professional organization dedicated to advancing technology for humanity, and the IEEE Standards Association (IEEE-SA), today announced the availability of IEEE 802.1Qbz Standard for Local and Metropolitan Area Networks—Bridges and Bridged Networks Amendment: Enhancements to Bridging of IEEE 802.11 Media.

A number of new products, including home entertainment systems and industrial control equipment, are enabled with both IEEE 802.11 wireless station capability and wired IEEE 802.3 Ethernet capability. With IEEE 802.11 having initiated work on 802.11 media operating in the Gb/s range, IEEE 802.1Qbz meets a growing demand to incorporate IEEE 802.11 media at the same level as other media supported by bridges, both as a medium internal to the network and as a medium offering access to the network.

"IEEE 802.1Qbz demonstrates our commitment to stay abreast of industry needs and respond quickly to ensure technology standards continue to meet evolving networking challenges," says Norm Finn, editor of IEEE 802.1Qbz. "Enabling

IEEE 802.11 on par with other media within bridged networks offers greater and more flexible options for overcoming connectivity issues and ensuring the highest degree of reliability for devices operating on a network."

IEEE Std. 802.1Qbz-2016 is available for purchase at the IEEE Standards Store.

Deployment of technology defined by IEEE 802® standards is already globally pervasive, driven by the ever-growing needs of data networks around the world. New application areas are constantly being considered that might leverage IEEE 802 standards in their networks from wireless, through twisted-pair cabling, to fiber-optic cabling solutions. To better address the needs of all of these areas, IEEE 802 standards are constantly evolving and expanding. The success of IEEE 802 standards—from their inception through today—has been due to their fair, open and transparent development process.

To learn more about IEEE-SA, visit us on Facebook, follow us on Twitter, connect with us on LinkedIn or on the Standards Insight Blog.

About the IEEE Standards Association
The IEEE Standards Association, a globally recognized standards-setting body within IEEE, develops consensus standards through an open process that engages industry and brings together a broad stakeholder community. IEEE standards set specifications and best practices based on current scientific and technological knowledge. The IEEE-SA has a portfolio of over 1,100 active standards and more than 500 standards under development. For more information visit http://standards.ieee.org.

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