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# IEEE Announces Formation of IEEE 802.3™ YANG Data Model Study Group

*First meeting scheduled during the IEEE 802.3 interim meeting 23-27 May in Whistler, BC*

**PISCATAWAY, NEW JERSEY, USA, 04 May 2016** – IEEE, the world's largest professional organization dedicated to advancing technology for humanity, and the IEEE Standards Association (IEEE-SA), today announced the formation of the IEEE 802.3 YANG Data Model Study Group, an initiative launched as result of IEEE Industry Connections activities. The IEEE 802.3 YANG Data Model Study Group was formed to help build consensus on best network management practices and lead IEEE 802.3 YANG standardization efforts to ensure uniform definition of data models used to configure and operate instances of the IEEE 802.3 standard in network architectures adopting the principles of Software Defined Networking (SDN).

~~With the~~"The introduction of six new Ethernet speeds over the next five years, ranging from 2.5 Gb/s to 400 Gb/s, ~~service providers, data centers and enterprises are facing growing~~ increases the challenges ~~to manage~~of managing and ~~configure~~configuring services in increasingly complex data networks~~. The industry is rapidly adopting~~ ," said Marek Hajduczenia, Network Architect, Principal Engineer, Bright House Networks. "YANG data models are emerging as the management schema for the future due to ~~its~~their functionality and operational consistency across ~~many~~ different platforms, vendors, and implementations~~, as well as its ability to help~~. Their pervasive support also helps drive forward SDN principles by enabling automated network ~~automation capabilities.~~service provisioning."

"Because Ethernet is pervasive across many different application areas, it's important that we leverage the flexibility and extensibility of YANG data models to ensure interoperability, and to streamline industry network management practices that can help save on time and costs," said

Yan Zhuang, chair, IEEE 802.3 YANG Data Model Study Group and system engineer, Huawei Technologies. “We look forward to defining the study group’s goals at our first meeting in May and anticipate active participation and dialogue from the industry at large.”

The IEEE 802.3 May 2016 Interim Meeting will be held May 23 to May 27, 2016 in Whistler, British Columbia. Further information may be found at http://events.r20.constantcontact.com/register/event?oeidk=a07ec2y15xh327af4f4&llr=bqlaqkgab.

The IEEE 802.3 YANG Study Group is the first output of the recently formed IEEE 802.3 Industry Connections Next Generation Enterprise, Data-Center, Campus (NG-ECDC) activity.

“The formation of the IEEE 802.3 YANG Study Group exemplifies how the preliminary engagement activities of an IEEE Industry Connections activity can identify those areas where IEEE can bring more direct and targeted benefit to industry as a whole,” said John D’Ambrosia, chair, IEEE 802.3 Industry Connections NG-ECDC and senior principal engineer, Huawei Technologies. “The IEEE 802.3 YANG Study Group is ideally suited to provide a standardized YANG Ethernet model to industry that encourages interoperability for next-generation network management systems.”

Through Industry Connections activities, the IEEE Standards Association (IEEE-SA) facilitates like-minded organizations and individuals coming together quickly, effectively and economically to build consensus at strategic points in a technology’s lifecycle. Industry Connections activities have the unique opportunity to leverage IEEE resources in a customized format to produce a variety of shared results. For more information, visit the IEEE-SA’s Industry Connections web page.

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 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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