Arista Completes 400G ZR Interoperability Testing

2/17/2021

Accelerates 400G adoption for DCI

SANTA CLARA, Calif.--(BUSINESS WIRE)-- Arista Networks (NYSE:ANET) today announced successful interoperability testing between multiple 400G ZR suppliers over Microsoft's 120km open line system testbed. This multi-vendor testing sets the foundation for a healthy, interoperable, coherent optics ecosystem, providing customers with a multitude of options for building high speed Data Center Interconnect (DCI) networks.

This press release features multimedia. View the full release here:
https://www.businesswire.com/news/home/20210217005154/en/

Interoperability testing of 400G ZR in Microsoft's 120km DCI testbed (Graphic: Business Wire)

400G ZR is an ideal fit for cloud service providers' next generation DCI networks as it addresses the need for interoperable, high-density and cost-effective metro capacity. With the same density as standard grey optics, the technology offers up to 25Tbps of bandwidth in a single fiber pair by squeezing spectrally efficient coherent signals into standard QSFP-DD modules. Next-generation routers with enhanced thermal management need to accommodate different 400G ZR vendors and are key to enabling a viable multi sourced ecosystem. With the support of Arista's 7800R3 routing platforms, Microsoft's transmission testing confirmed excellent optical and thermal performance over a variety of 400G ZR vendors.

Hacene Chaouch, Distinguished Engineer at Arista Networks commented, "We are very pleased with the demonstrated performance of the 400G ZR transceiver modules. Being able to seamlessly support modules from multiple 400G-ZR vendors on our standard routing platforms constitutes a significant advancement in the DCI space."

Jamie Gaudette, Principal Engineering Manager of Microsoft's Backbone Network said, "We are pleased with the progress on 400G ZR. Thanks to our collaboration with OIF, we've achieved multi-vendor interoperation and cost effective 400G transport, allowing Microsoft to offer more bandwidth to our customers and accelerate our

datacenter expansion.”

The Arista 7800R3 is optimized for large scale cloud networks with up to 460Tbps of capacity, combining 100G and 400G performance with comprehensive features for Service Provider, Cloud WAN, Content Edge and Data Center Interconnect (DCI).

About Arista Networks

Arista Networks is an industry leader in cognitive cloud networking solutions for large data center and campus environments. Arista’s award-winning platforms deliver availability, agility, automation analytics, and security through CloudVision® and Arista EOS®, an advanced network operating system. For more information, visit **www.arista.com**.

ARISTA, CloudVision, Arista EOS are among the registered and unregistered trademarks of Arista Networks, Inc. in jurisdictions around the world. Other company names or product names may be trademarks of their respective owners. Additional information and resources can be found at **www.arista.com**. This press release contains forward-looking statements including, but not limited to, statements regarding cost savings, performance, reliability, security and efficiency. All statements other than statements of historical fact are statements that could be deemed forward-looking statements. Forward-looking statements are subject to risks and uncertainties that could cause actual performance or results to differ materially from those expressed in the forward-looking statements, including rapid technological and market change, customer requirements and industry standards, as well as other risks stated in our filings with the SEC available on Arista's website at **www.arista.com** and the SEC's website at **www.sec.gov**. Arista disclaims any obligation to publicly update or revise any forward-looking statement to reflect events that occur or circumstances that exist after the date on which they were made.

View source version on **businesswire.com**: **https://www.businesswire.com/news/home/20210217005154/en/**

Media Contact

Amanda Jaramillo
Corporate Communications
Tel: (408) 547-5798
amanda@arista.com

Investor Contact

Charles Yager
Product and Investor Advocacy
Tel: (408) 547-5892

cyager@arista.com

Source: Arista Networks, Inc.