NEWS RELEASE

Arista Introduces The Industry's Fastest Data Center Switch

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Arista 7500E Delivers Unprecedented Performance and Programmability

SANTA CLARA, Calif., May 1, 2013 – Arista Networks today announced significant enhancements to its flagship Arista 7500 modular switching platform that enables Cloud Networks to scale to over 100,000 servers and millions of virtual machines while delivering the first network architecture that can concurrently support Cloud, Big Data, Storage, Web2.0, and Virtualization.

With the fully programmable **Arista EOS** (Extensible Operating System) software, customers can now achieve the level of automation necessary to build true Software Defined Networks.

Industry's Highest 10/40/100GbE Port Density
The **Arista 7500E** offers 1,152 10GbE, 288 40GbE, or 96 100GbE wire-speed ports, making the Arista 7500E the fastest and most scalable data center Ethernet switch in the industry. The key improvements of the Arista 7500E compared to the first generation Arista 7500 are as follows:

- Three times the fabric bandwidth at 30 Terabits per second
- Three times the packet buffer at 144 Gigabyte per switch
- Three times the control plane performance
- Triple the power efficiency at less than 4 watts per 10GbE port

- The industry's first triple-speed 10/40/100GbE line card
- Much larger L2 and L3 Table Sizes
- Wirespeed VXLAN capability on every port

"The 7500E Series is a major engineering achievement, offering the industry's highest throughput and three times the capability of the original Arista 7500 in every dimension - performance, density and power without a chassis upgrade," said Andreas Bechtolsheim, Arista's Chairman and Chief Development Officer. "It enables customers to build the world's largest switching infrastructures that handle the most demanding workloads with ease."

Triple-Speed Line Cards

The Arista 7500E includes four new line cards for 10/40/100 Gigabit Ethernet switching, including an industry-first triple-speed 10/40/100G line card with integrated MXP (multi-speed-port) optics that can be software configured on a per port basis delivering constant price-per-bandwidth at every port speed. In 100GbE mode the triple-speed line card offers an order-of-magnitude cost reduction over competing 100Gb Ethernet switch products in the market.

"The high density 40GbE and 100GbE interfaces, deep packet buffers, SDN features and the robustness of EOS makes the Arista 7500 an ideal spine platform for our network," said Benjamin Nathan, Director, IT Operations and Infrastructure at Weill Medical College of Cornell University. "Arista continues to innovate on programmability with its Linux based EOS and was a key factor in deciding on the 7500E for our Big Data needs."

EOS with SDN Innovations Outpace the Industry

The Arista 7500E together with Arista EOS, delivers a set of advanced Software Defined Networking capabilities that support programmatic control, enhanced monitoring, and self-healing resilience to every aspect of the switch, including the following:

- Wirespeed VXLAN gateways that enable multi-tenant network virtualization
- Precise advanced traffic monitoring with Arista LANZ, DANZ and Tap Aggregation
- Rapid Automated Indication of Link-Loss (RAIL) for accelerated convergence in Big Data analytics and Hadoop applications
- VM Tracer for network wide workload mobility and virtualization in VMware and OpenStack clouds
- Distributed system health monitoring with real-time Health Tracer

A Universal Cloud Network Architecture

Cloud networks have universally adopted a leaf-spine architecture, using Layer-3 load-balancing to provide scalable performance. With the Arista 7500E as the spine and Arista 7150/7050 as the leaf, these network topologies can support cloud data centers with more than 100,000 servers that deliver consistent performance for dynamically scaling workloads in public or private clouds, including Hadoop, Big Data, storage, Web 2.0, VM farms, and network

virtualization.

Pricing and Availability
The 7500E series switches and line-card modules are generally available now. Entry level US list prices start at $99,995 for the switch and $10,000 per 100GbE port, $2,200 per 40GbE and under $600 per 10GbE port.

For more information about building the world's fastest and largest networks, attend an Arista 7500 deep dive architecture overview by registering here: **https://www.arista.com/may-16-2013-webinar**

About Arista Networks
Arista was founded to deliver software-defined cloud networking solutions for large data center and computing environments. Arista's award-winning cloud switches redefine scalability, robustness, and price–performance, with more than one million cloud networking ports deployed worldwide. At the core of Arista's platform is **EOS**, the world's most advanced network operating system. Arista Networks products are available worldwide through distribution partners, systems integrators and resellers.

Additional information and resources on today's announcement can be found at: https://www.arista.com

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