

## Arista Introduces 100+ Terabit Cloud Networking Platform

Universal Spine Subsumes Core Switching and Routing Functions

**SANTA CLARA, Calif.,--March 29, 2016** -- Arista Networks (NYSE:ANET) today announced the Arista [7500R Series](#), a switching and routing platform for cloud service provider and for next generation enterprise data centers. Arista's Universal Spine architecture drives scale and agile workload mobility across public, private and hybrid clouds.

"The Arista 7500R allows Netflix to provide the ultimate user experience while keeping costs in check. Arista's continuous innovation has resulted in novel CDN (Content Delivery Network) architectures, offering breakthrough price/performance at 10x more bandwidth at 1/10th the price of a traditional router," said Dave Temkin, Vice President of Global Networks at [Netflix](#).

### Industry's First Switch & Router Combination for Cloud Networking

The Arista 7500R Series builds upon the very successful Arista's 7500E Series and provides unprecedented 100GbE density and large table sizes in a single chassis with appropriate investment protection. Key attributes of the modular form factor are:

Built with extensibility at its core, EOS continues to evolve its API infrastructure with new support for agents written in the increasingly popular Go programming language, as well as support for OpenConfig APIs and data models.

- Chassis Fabric capacity of up to 115 Tbps
- Up to 432 wire-speed 100GbE ports in a choice of three form factors
- 288 Gigabytes of deep and smart packet memory for reliable packet transfers
- Virtual Output Queues (VoQ) for lossless forwarding
- Agile port speeds of 1/10/25/40/50/100GbE
- FlexRoute™ technology delivers up to 1 Million wire speed routes with MPLS (Multiprotocol Label Switching), Segment Routing and EVPN (Ethernet Virtual Private Network) protocol support
- Programmable traffic engineering with up to 128,000 MPLS, GRE (Generic Routing Encapsulation), VXLAN (Virtual Extensible Local Area Network) and IP-in-IP tunnels
- Support for NEBS (Network Equipment Building System) compliance for Service Provider deployments
- Mix and Match across the wide selection of 7500E and 7500R series line-card options
- A choice of three new wire speed 7500R Series line cards:
  - 36 x 100GbE QSFP - choice of 10/25/40/50/100GbE
  - 36 x 40GbE with flexible combinations of 10GbE and up to 6 ports of 100GbE
  - 48 x 10GbE SFP+ and 2 x 100G QSFP

"The 7500R is the highest performance switching and routing platform that supports the full Internet routing table, enabling a Universal Spine in cloud-scale networks," said Andreas Bechtolsheim, Arista's Chairman and Chief Development Officer.

### New Spine Subsumes Core Functions

With the introduction of scalable two-tier active Leaf-Spine and single tier Spine options, Arista cloud network designs allow resilient and highly available access between applications inside a data center. With evolving traffic patterns, the traditional core routing layer can now be replaced with an Arista 7500R series-based spine for rapid re-convergence and network-wide resilience between data centers and to the Internet.

The Arista 7500R Series supports familiar MPLS functions allowing up to 13-labels deep packet lookup for programmatic control across the largest networks. Along with the state oriented architecture of Arista's Network-wide Database NetDB and SDK, Arista EOS (Extensible Operating System) users can customize their own preferred path across the largest networks in the world, instead of relying on best-effort forwarding on the Internet. Support for newer protocols including Segment Routing and EVPN allows for transitions to new-age traffic engineered networks without the overhead of legacy stacks.

The Arista 7500R Series challenges legacy network designs based on Places In the Network (PINs) silos for core, branch, data center and edge routing. It consolidates functions across the PINs with mega-scale universal spine while enhancing storage networks and edge router topologies.

### **Product Availability**

- 7504R and 7508R available now/Q2
- 7500R Series line cards available now/Q2
- 7512R available Q3 2016
- Pricing starts at \$3000 per 100GbE port

For additional information join us for a webinar on The Universal Spine on Thursday, April 7, at 10:00 a.m. PDT. Register here:<http://bit.ly/1Zy5e3A>

### **About Arista Networks**

Arista Networks was founded to pioneer and deliver software-driven cloud networking solutions for large data center storage and computing environments. Arista's award-winning platforms, ranging in Ethernet speeds from 10 to 100 gigabits per second, redefine scalability, agility and resilience. Arista has shipped more than five million cloud networking ports worldwide with CloudVision and EOS, an advanced network operating system. Committed to open standards, Arista is a founding member of the 25/50GbE consortium. Arista Networks products are available worldwide directly and through partners.

ARISTA, EOS, CloudVision, Spline, NetDB and FlexRoute 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](http://www.arista.com) This press release contains forward-looking statements including, but not limited to, statements regarding the benefits and best practices utilized in the design and implementation of Arista's Cloud Networking Portfolio and the enablement of opex savings and higher service level agreements. 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: our limited operating history and experience with developing and releasing new products; product, support or service quality problems; rapidly evolving changes in technology, 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](http://www.arista.com) and the SEC's website at [www.sec.gov](http://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.

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