ARISTA

NEWS RELEASE

# Arista Advances Extensible Operating System for Cloud Networks and Creates Open Developer Community

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SANTA CLARA California, May 03, 2011 – **Arista Networks**, Inc., Arista today announced the expansion of **Arista EOS** – the world's most advanced network operating system. Building upon the open, widely deployed, and resilient foundation of Arista EOS this adds an open development platform, a developer support site, multi-system management capabilities, and new operational features for cloud networking.

**Arista EOS** is the first network OS to enable native third party development. This is possible because it is built upon a stable, open source, Linux core with a central state database that makes EOS inherently self-healing, in-service upgradeable, and extremely robust.

Two Tier scale, One View Management
Arista is delivering the largest networks with a simple two-tiered cloud network that scales to over 18,000 10Gb attached hosts. The introduction of Arista EOS 4.7 sets a new standard for scale with a single management view, and lays the foundation for future innovation as well. EOS 4.7 simplifies manageability with features such as **Arista CloudVision®**, **Latency Analyzer (LANZ)** for congestion management, and **Zero Touch Provisioning (ZTP)** for rapid deployment of dense computing.

To extend the open source development models and create a repository for ongoing developer support, Arista is also introducing a DevOps community site called **EOS Central**. EOS Central houses projects like CloudVision®, Chef, Puppet, and Wireshark which can be downloaded and integrated into Arista EOS either natively, or in a local virtual machine.

“With a radically different software architecture, management system, and philosophy around standards based development this is the crown jewels of Arista,” said Douglas Gourlay, Arista’s vice president of marketing. “We can’t wait for Arista users to experience its stability, openness, and artistry.”

EOS Central and Developer Support

Many applications for Arista EOS are available today, with many more to come later in 2011. Cloud stack developers, big data companies, academics, and independent software developers around the world are working on EOS applications, including Cloud.com, Cloudscaling, Kyoto University, Morphlabs, Nimbula, and Solace Systems. You can read **here** what our partners are saying about the EOS architecture, **EOS Central**, and **CloudVision®**.

**EOS Central** is an online community created by Arista for customers, developers, engineers, and technology professionals to learn from each other, track development projects, and contribute to new and innovative software developments. Featuring developer forums, programming tips, and a growing reference library of scripts and APIs, EOS Central is designed to support and nurture the growing EOS development community.

Pioneering CloudVision®

As part of **EOS Central**, Arista is showcasing a downloadable extension called CloudVision®. CloudVision® combines web-scale message passing platforms with the EOS architecture to deliver a management capability that is extremely flexible: topology agnostic, in-band or out-of-band, featuring a publish/subscribe architecture, and supporting orders of magnitude more devices than competitive offerings.

Unlike enterprise focused fabric-based systems, Arista offers an open, automated, and scalable model preferred by cloud computing providers. **Arista CloudVision®** is built with open-standard protocols and open source software - all modifications have been checked in on GitHub to continue to fuel innovation in message-bus architectures.

"Customers recognize that legacy enterprise vendors have failed to deliver cost-effective, simple, and scalable cloud solutions. Now they are turning away from closed, inefficient, slow, complex, and overpriced systems,” stated Randy Bias, chief technology officer at Cloudscaling. “Arista EOS offers our customers an open environment with a modern software architecture enabling automation, scalability and overcoming the network challenges for cost-effective cloud deployments."

Pricing & Availability

Arista EOS 4.7 is available immediately for download. CloudVision® is a downloadable extension for all Arista switches and requires Arista EOS 4.6 and  higher. EOS 4.7 is a free upgrade for all Arista products under maintenance.

Additional Information and Resources

An informative webcast will be hosted Friday, May 20th 2011 at 9am Pacific Daylight Time. To register and learn more about the EOS Architecture, CloudVision®, and EOS Central click **here**.

More information and resources on CloudVision®, you can visit the CloudVision® product **page**.

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About Arista Networks

Arista Networks was founded to deliver **Cloud Networking Solutions** for large data center and computing environments. Arista's award-winning best-of-breed 10 Gigabit Ethernet switches redefine scalability, robustness, and price–performance. At the core of Arista's platform is **EOS** a ground-breaking new software architecture. Arista Networks markets its products worldwide through distribution partners, systems integrators and resellers.

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

Arista CloudVision is a registered trademark and Arista EOS is a trademark of Arista Networks.

Press Contact:
Brooke Decker
Arista Networks, Inc.
email: brooke@arista.com
Tel: (408) 547-5500

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