

Arista Intros 100GbE Leaf Switch

Written by Marco Attard
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Arista launches the 7280E series fixed leaf switches-- the first from the company to feature 100GbE uplink ports, allowing for faster throughput than the 40GbE competition.



The company's so-called "leaf" switches are data centre switches handling traffic flow between servers. With the 100GbE uplink ports Arista says the switches offer a 1000x increase in packet memory compared to typical switches in top-of-rack applications.

Also offered by the company is the EOS Smart System Upgrade (SSU) for both Spine and Leaf switches, a means for customers to perform hitless software upgrades across the entire network, eliminating downtime and allowing cloud-style uptime for in-house applications.

The EOS binary image runs across all Arista products and supports VXLAN, LANZ, DANZ and Arista Tracers.

A final Arista announcement is a standards-compliant universal optic enabling 40GbE over a single pair of either multi- or single-mode fibre for seamless 10 to 40GbE migration. The Universal QSFP optics have a 150m reach over multi-mode fibre and 500m over single-mode, and interoperate with IEEE LR4-based devices.

The 7280E switches will be available from August 2014, while the 40GbE transceiver is available now.

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