HYPERSCALE DATA CENTERS FEATURED ARTICLE

Transforming Network Infrastructure Week in Review: Cisco, NoviFlow, VMware

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Cisco Systems, NoviFlow and VMware made headlines this week in Transforming Network Infrastructure. Let's circle back and take another look.

As contributing writer Steve Anderson reported on Aug. 2, we may now have a better idea of where Cisco Systems – whose Unified Computing System server solution has generated a $1 billion business – may be headed with its data center strategy.

Anderson in his piece talks about the potential for Cisco to purchase data storage outfit NetApp. He also talked about the idea of Cisco focusing on hyper converged infrastructure, and how that could give the vendor an edge.

Regarding NoviFlow, contributing writer Michael Guta reported this week that the company has tapped Ixia to validate the performance of its SDN OpenFlow switches. The company provides these solutions for use in carrier environments, enterprise data centers and hyperscale cloud provider networks.

Ixia's IxNetwork will be used to emulate NoviFlow's SDN applications, hosts and switches for testing purposes. It can generate multiple terabytes of data and analyze up to 4 million traffic flows simultaneously.

"Organizations have long tested their networks for scale and performance," says Ixia. "But as networks become increasingly complex, so do the challenges of ensuring peak network performance and resiliency. Forget about simply testing for sluggish response times: The right testing tool must now assess complex network topologies with thousands of network devices, emulate sophisticated traffic flows, and conduct stress tests under countless scenarios and network conditions."

Also this week, Anderson reported that VMware is providing its channel partners with some new opportunities. Specifically, VMware has more from offering single discounts to complete packages with various discount options.

VMware is holding its VMworld 2016 U.S. event later this month in Las Vegas. Partner Exchange, which takes place Aug. 28, will be co-located with the event.

FEATURED BLOG ENTRIES

It's Alive! The Revival of the Data Center Optical Cross-Connect

After a decade of minimal innovation, the data center optical cross-connect market is roaring back to life. For years, the primary users for cross-connects were carrier networks and the largest multi-tenant data centers.

Is SDN the Ethernet of the 80's or ATM of the 90's?

Everyone knows what Ethernet is, but how many people who started their careers in the past fifteen years have heard of ATM? No, not Automatic Teller Machine - Asynchronous Transfer Mode, a technology that dominated the hype cycle in the 90's and then disappeared from public awareness, despite the fact that many applications still make use of it today.

OPX - Taking Test Automation to a New Level

Enterprises are re-evaluating their data center infrastructure in unprecedented numbers, as hybrid cloud makes its way into real-world applications and early adopters display the benefits of moving to more flexible SDN architectures.

CrossCage Plus - Automated Cross Connects for Colocation Data Centers

The cost and time involved in provisioning cross connects within multi-tenant colocation data centers is one of the biggest frustrations for the businesses they serve. The standard process requires manual provisioning by on-site technicians, and takes days or even weeks to complete even when everything goes smoothly.

INDUSTRY NEWS

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With a Market Share of 25% in 2015, the Configuration Management Segment is Expected to Drive the Global ITSM Market until 2020, Says Technavio

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📄 **Global Software-Defined Networking Market Growth of 34.64% CAGR by 2020 - Analysis, Technologies & Forecasts Report 2016-2020 - Key Vendors: Cisco Systems, 6Wind, Coriant - Research and Markets**

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