

IP Infusion announces OcNOS™ Release 1.1

Now available, Release 1.1 of OcNOS, the first, full-featured network operating system for data center and enterprise networking, will allow network operators to design more extendable and cost-effective data centers and to provide better interconnection between several data centers. OcNOS is a fast, easy and affordable network operating system with extensive protocol support for enterprise class routing, switching and MPLS (Multiprotocol Label Switching), to help build scalable network platforms that align with the

Open Compute Project, an open hardware movement. OcNOS Release 1.1 gives network operators and service providers the advanced L2/L3 technology to re-design their data centers, whether it's for a large enterprise or growing small enterprises, and to take advantage of commercial off-the-shelf (COTS) technologies from multiple hardware vendors and new open standards, such as the Open Compute project, in order to reduce their hardware costs and maintenance.

[Read more](#)

Solution guides for OcNOS Release 1.1 use cases

OcNOS Release 1.1 gives enterprise network operators and solution providers the tools to design more extendable and cost-effective data centers. We've created three OcNOS Validated Solution Guides, the first set of many to come, ready for your download.

- **Data Center Solution – EVPN with VXLAN:** Data center design approaches have changed with varying demands. A Layer2 & Layer3 hybrid design solves multi-tenancy and scalability problems. VxLAN with EVPN is a popular technology of choice for this solution. To download this solution guide, [click here](#).
- **Data Center Interconnect using MPLS:** Since data centers span across regions and countries around the world to meet high availability requirement,

interconnecting data centers with seamless connectivity can pose many networking challenges. IP Infusion has developed solutions for meeting these challenges with its advanced MPLS-based technologies including point-to-point interconnect using VPWS and multipoint interconnect using VPLS. To download this solution guide, [click here](#).

- **EBGP-based Data Center with OcNOS:** OcNOS with EBGP routing is highly scalable, simple and flexible way of laying IP fabric in a data center. The data center can be easily scaled for higher computing needs by adding more clusters and more cores, plus higher uplink speeds can be achieved by adding more external/edge clusters. To download this solution guide, [click here](#).

IP Infusion trade show calendar

Like to hear more about IP Infusion's software solutions and meet our team face-to-face? We're participating at several trade shows and conferences around the world and would love to meet with you there. Here are shows where we've been recently and where we will have a presence in the near future.

- Cloud Days 2016, March 10-11, Tokyo, Japan
Cloud Expo Europe 2016, April 12-13
London, UK
- China SDN/NFV Conference 2016, April 12-13, Beijing, China
- [Sviaz. Information and Communications Technology 2016, May 10-13, Moscow, Russia](#)
- [Global SDN Technology Conference, June 1-2, Beijing, China](#)
- [InteropJapan 2016, June 8-10, Chiba, Japan](#)



NoviFlow and IP Infusion collaborate on ground-breaking SDN-based solution

NoviFlow Inc., a leading provider of high-performance OpenFlow-based switching solutions, and IP Infusion are working together to bring to market a ground-breaking Software Defined Networking (SDN) based solution that unites the advantages of high-performance OpenFlow forwarding planes with carrier-grade networking stacks.

NoviFlow's Scale-Out Router leverages SDN and OpenFlow to disaggregate the traditional monolithic router into independently scalable elements, replacing proprietary systems with COTS hardware. The router software is further disaggregated into component parts, each of which can be scaled independently: the ONOS controller, NoviFlow's open source Scale-Out Router application, and IP Infusion's licensed VirNOS™-C protocol stacks. The forwarding plane is

provided by standard OpenFlow switches such as NoviFlow's high-performance NoviSwitch products. The result is a fully functional, centrally controlled and reliable network router supporting major routing protocols such as BGP, IS-IS, OSPF and LDP, that is much easier to scale and far more economical to operate than traditional scale-up monolithic routers, thus reducing CAPEX by over 75% and OPEX by as much as 65%.

Together, IP Infusion and NoviFlow are driving the growing SDN ecosystem by contributing code to Open Source projects such as the ONF's Atrium project and the ONOS Project, and by providing solutions optimized for today's networks: huge populations of connected devices, fast changing networks traffic patterns, and the need to orchestrate in real-time network resources with the applications and services that use them.

[Read more>](#)

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