

Vyatta and Riverbed

Consolidating WAN Optimization and Secure Routing at the Branch

Today's enterprise IT environments are focused on identifying ways to optimize performance and consolidate resources. While businesses are beginning to examine the benefits of cloud computing and virtualization for datacenter server, storage and application resources, it is also possible to enjoy those benefits today at the network-edge.

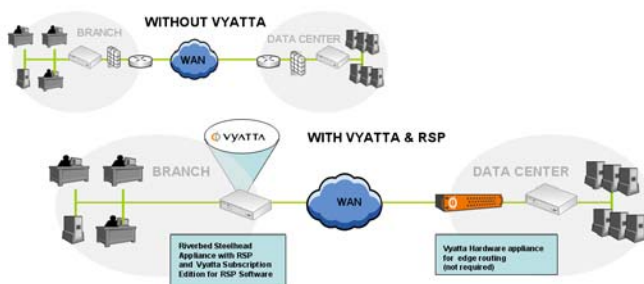
Vyatta and Riverbed have partnered to deliver WAN optimization along with branch office networking and security on a single device. Adding Vyatta's software-based routing and security to the Riverbed Services Platform (RSP) enables enterprises to deploy a single best-of-breed edge device to connect, protect and optimize branch office networks.

The combined solution allows enterprises to reduce cost and complexity in their IT infrastructures by integrating WAN optimization and secure routing into a single device. Riverbed WAN optimization solutions increase application performance, enable consolidation, and provide enterprise-wide network and application visibility – without the need to increase bandwidth, storage or servers. Vyatta software-based networking is a complete routing and security OS that is optimized to run on standard x86 hardware and current virtualization platforms, including the RSP, allowing organizations unmatched affordability and flexibility in connecting their infrastructure.

Overview of Joint Solution

Vyatta and Riverbed have tested and qualified that Vyatta's Subscription Edition software runs in the Riverbed RSP. In this environment, Vyatta can provide dynamic routing (BGP, OSPF, RIP, and static routes) and a variety of security features (stateful firewalling, NAT, VPN, etc.). In the tested configuration, Vyatta is deployed on the RSP and configured to operate on the WAN-side of the networking connection. In this topology, traffic entering from the WAN-side will pass through the Vyatta router. After processing by Vyatta, the RSP passes the traffic to the standard Steelhead processing for full Riverbed functionality. From there, traffic exits the appliance and passes to the LAN. Traffic in the reverse direction is first accelerated by the standard Steelhead functionality, then processed by Vyatta and then sent to the WAN.

Typical Vyatta Software Deployment on RSP Architecture



A Joint Solution by Riverbed and



BENEFITS

- WAN optimization and secure routing on a single physical appliance.
- Cost savings and simplification of branch office networks.
- Reduced power and space requirements in the branch office.



Vyatta for Riverbed RSP Software

Vyatta's software-based approach to networking allows us to deliver a complete network OS that takes advantage of high-performance multi-core processor advancements and is portable to modern virtualization and cloud infrastructures. Vyatta Subscription Edition software offers high-performance enterprise-class static and dynamic routing (BGP, OSPF, RIP) and complete network security (Firewall, VPN, Intrusion Prevention, Web Filtering) that is optimized to run on the Riverbed Services Platform (RSP).

Vyatta for Riverbed RSP delivers:

- Full routing services (BGP, OSPF, RIP, and static routes)
- Reduced cost compared to separate appliances
- Reduced space and power requirements
- No need to stock spares of expensive, proprietary, hardware-based router products

"We remain focused on providing our customers with a complete WAN optimization solution that allows them to understand, optimize, and consolidate their existing infrastructure. By enabling Vyatta to run on the RSP, we are providing yet another way for enterprises to reduce cost and complexity in their IT infrastructures."

— Venugopal Pai, vice president of alliances at Riverbed

Additional information

For additional information please visit Vyatta at <http://www.vyatta.com/solutions/virtual/riverbed>

About Vyatta

Vyatta is disrupting the networking industry by providing on-demand software-based networking and security solutions that uniquely satisfy emerging IT architectures leveraging virtualization, multi-core server platforms and cloud computing models. Vyatta software and virtual machines provide a complete enterprise-class routing and security feature set that can be provisioned, licensed, billed and scaled on-demand, truly presenting the network as an application. Thousands of physical and virtual and cloud infrastructures around the world, from small enterprise to Fortune 500 customers, Federal Government to Global Telecom, are connected and protected by Vyatta.

For more information, please visit <http://www.vyatta.com>.

About Riverbed

Riverbed delivers performance for the globally connected enterprise. With Riverbed, enterprises can successfully and intelligently implement strategic initiatives such as virtualization, consolidation, cloud computing, and disaster recovery without fear of compromising performance. By giving enterprises the platform they need to understand, optimize and consolidate their IT, Riverbed helps enterprises to build a fast, fluid and dynamic IT architecture that aligns with the business needs of the organization. Additional information about Riverbed (NASDAQ: RVBD) is available at www.riverbed.com.



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