



ENTERPRISES CONNECT TO IBM CLOUD, PROTECTED BY JUNIPER FIREWALL AND SECURITY

Summary

Company:
IBM

Industry:
Web Services

Business Challenges:
Provide customers with an easy way to securely access their cloud workloads

Technology Solution:
• vSRX Integrated Virtual Firewall

Business Results:

- Enable customers to protect cloud workloads with advanced security
- Create a platform to offer additional network and security services

Enterprise clients depend on IBM Cloud for a wide variety of public, private, and multicloud services. Compute, storage, networking, security, mobile, data analytics, cognitive learning and artificial intelligence, blockchain—they're all in IBM Cloud. Companies count on IBM Cloud not only for technology innovation, but also for deep expertise transforming businesses' existing IT systems into agile, digital enterprises. Revenues from IBM Cloud are growing at a rapid clip: Revenues of \$17.7 billion in the last 12 months, and growing at a 20 to 30 percent quarterly rate.¹

Customers Need Secure Cloud Access

Enterprises are shifting to the cloud to advance their digital transformation agenda so they can create amazing experiences and innovative products for their customers, generate new revenues, and reap new operational efficiencies. But to achieve their goals, enterprises need to ensure that their cloud service connections are highly reliable and secure.

To provide advanced security options for its customers, IBM Cloud Network Services partnered with Juniper Networks® vSRX Integrated Virtual Firewall. Juniper's focus on creating simplicity through engineering with a long, proven track record in networking was key to IBM's decision to integrate the vSRX Virtual Firewall into its cloud services.

Now, customers simply log on to their IBM Cloud portal and choose IBM Gateway Appliance (vSRX) to provide uncompromising protection of their workloads. Confident in secure access to their cloud services, enterprises can stay focused on their businesses.

The vSRX is a high-performance, next-generation virtual firewall for securing private, public, and hybrid clouds. Powered by Juniper Networks Junos® operating system, the vSRX delivers a complete, integrated virtual security solution, including L4-L7 advanced security services and robust networking. It provides threat mitigation, including antivirus, enhanced Web filtering, intrusion prevention, and Juniper Networks AppSecure 2.0 next-generation firewall services.

"IBM Cloud is committed to building an open platform, and the addition of the vSRX virtual appliance builds on that commitment. The vSRX on the IBM Cloud gives customers the flexibility and choice in best-of-class options for an enterprise hybrid cloud workload."

- Brandon Wright, Cloud Offering Manager, IBM

¹ "IBM Cloud quarterly revenue once again increases by 20 percent," IBM Press Release, April 18, 2018 <https://www.ibm.com/blogs/cloud-computing/2018/04/18/cloud-revenue-increases-again-20-percent/>

Designed to handle speeds up to 100 Gbps, the vSRX is also the industry's fastest virtual firewall, so enterprises don't need to make the classic trade-off between performance and security.

Nor do customers need to worry about interruptions when accessing cloud workloads and services. The vSRX supports high availability (HA) functionality, so user sessions and workloads are not interrupted in the event of a failure.

"IBM Cloud and Juniper have worked together to provide IBM Cloud customers a new gateway option to manage and protect their traffic on the IBM Cloud platform. This new offering, the Juniper Networks vSRX Virtual Firewall, provides a fully automated deployment with pre-optimized performance and scalability on IBM Bare Metal servers."

- Brandon Wright, Cloud Offering Manager, IBM

Expand Service Capability

Using Juniper's virtual firewall simplifies infrastructure and operations management for IBM Cloud. The vSRX integrates easily and quickly with IBM's operational and business support systems, enabling a rapid service turn-up. With extensive open APIs, integrating vSRX into IBM's cloud service workflow was straightforward.

The vSRX automates the complete life cycle from creation to disposition, eliminating the need for manual intervention. Firewall services can be created quickly and scaled easily as dictated by customer demand.

IBM Cloud can easily create new revenue-generating network and security services.

How to Order vSRX through IBM

To order the vSRX Virtual Firewall gateway, visit www.ibm.biz/vSRXGateway.

For More Information

To find out more about Juniper Networks products and solutions, please visit www.juniper.net.

About Juniper Networks

Juniper Networks brings simplicity to networking with products, solutions and services that connect the world. Through engineering innovation, we remove the constraints and complexities of networking in the cloud era to solve the toughest challenges our customers and partners face daily. At Juniper Networks, we believe that the network is a resource for sharing knowledge and human advancement that changes the world. We are committed to imagining groundbreaking ways to deliver automated, scalable and secure networks to move at the speed of business.

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