

vSRX Virtual Firewall on Microsoft Azure

Deliver simple secure connectivity to your Azure workloads with Juniper Networks® vSRX Virtual Firewall, including advanced security, robust networking, cloud class-routing, and automated virtual machine life cycle management capabilities for service providers and enterprises. The vSRX enables centralized visibility and management of security policies across public and private cloud environments, automated provisioning, and pay-per-use billing.

WHAT WE OFFER



Unified intelligent security

Improve verdict efficacy and accelerate time to remediation.

Juniper Advanced Threat Prevention Cloud is an advanced threat intelligence platform in the cloud that:

- Detects known and unknown threats.
- Enforces application security, blocks intrusions, and unifies threat management with:
 - Core firewall, VPN, NAT, advanced L4-L7 security services.
 - IPsec VPN termination services.



Centralized, simple, and intuitive management

Simple, intuitive management for enforcing and monitoring security across public and hybrid clouds.

Juniper Security Director lets you monitor security across your entire network with a:

- Simple user interface that allows a shorter learning curve.
- Mobile app that is easily accessible for remote monitoring.



Programmability

Eliminate the complexity of traditional IT management.

The Junos® operating system:

- Offers a wide range of programmatic APIs supported in DevOps resources.
- Easily automates deployment and management activities through simple scripts, streamlining your entire workflow.

What our customers are saying

“One of the big positives of vSRX is the different services we can offer to customers. Using virtual security services has freed up software development and support time, which has allowed us to introduce services faster.”

Bryan Smith, Senior Vice President, Expedient

Learn More

For more information, visit [Juniper Networks vSRX Next Generation Firewall](#) on the Microsoft Azure site.

Azure is the Microsoft application platform for the public cloud. It is an open, flexible, enterprise-grade cloud computing platform for building, deploying, and managing applications and services through a global network of Microsoft-managed data centers. vSRX on Azure can provide secure connectivity to customers' workloads and also provide advanced security both in N-S and E-W traffic workloads. vSRX integrates seamlessly with Azure and is engineered for this environment and cloud use cases.



Key Use Cases

Security Gateway

Customers can create a secure hybrid cloud by leveraging VPN features on vSRX to extend their existing data center to Azure or enable vSRX in Azure to act as a secure gateway that provides next-generation firewall capabilities to protect Azure workloads.

Hybrid Cloud

Juniper Networks security solutions seamlessly extend across public and hybrid clouds without compromising flexibility and manageability. With highly evolved security intelligence and simple, centralized management and automation tools, Juniper makes it easy to monitor and enforce security across existing and new data centers.

Adaptive Security

Juniper Security Director's new meta-data-based policy model enables security administrators to achieve the security goals of the organization without becoming the bottleneck for the agility and scale requirements common in multi-cloud deployments.

Span Traffic on the IPsec Tunnel

Customers with compliance requirements who need traffic to be mirrored to a different appliance (Advanced Threat Detection and/or protection, business intelligence, etc.) on Azure or on-premises can leverage vSRX to mirror the traffic over an IPsec tunnel. For this type of user, the tools that utilize network traffic capture provide business intelligence (InfoSec, Intrusion prevention system (IPS)/intrusion detection system (IDS), application performance, etc.) that typically already exists to monitor traffic in the private data center. The customer can leverage existing hardware that is capable of terminating an IPsec tunnel.

Solution Template

Juniper's solution templates are based on Microsoft Azure Resource Manager (ARM) templates. ARM templates help you automate resource deployment, combine multiple resources under a single template, and deploy it repetitively. Look for our solution template to simplify deployment management.

Juniper Networks has ready-made solutions for security gateway deployment. The vSRX- A Security Gateway can be deployed to:

- Securely extend on-premises networks into Azure.
- Seamlessly create encrypted tunnels between Azure Virtual Networks.

Secure Hybrid Cloud

Create a secure hybrid cloud by leveraging VPN features on vSRX to extend your existing data center to Azure or enable vSRX in Azure to act as a secure gateway that provides next-generation firewall capabilities to protect Azure workloads.

Azure Government

vSRX is available on the Microsoft Azure Marketplace, as well as on Microsoft Azure Government to provide secure IPsec VPN connectivity and advanced next-generation security to Azure virtual networks.

Learn more: [Juniper Networks vSRX Next-Generation Firewall on Microsoft Azure](#)

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