

vMX Virtual Router on Microsoft Azure

Seamlessly extend your enterprise network into the cloud with Juniper Networks® vMX Virtual Router, a full-featured cloud-grade virtual router. The vMX enables secure migration of IT infrastructure and apps to the cloud with routing protocols, VPN support, and IPsec. Additionally, vMX provides sophisticated routing services that support provider edge, broadband network gateway, and route reflector solutions for service providers leveraging cloud infrastructure.

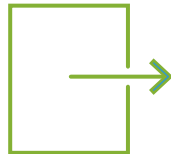
WHAT WE OFFER



Seamless integration

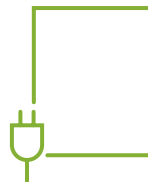
Enjoy seamless, easy, and immediate integration with the current Juniper solution.

Runs the Junos operating system with a vTrio forwarding engine to manage existing and cloud networks in the same manner.



Secure migration

Supports sophisticated routing services with IPsec, including vPE, and as a Cloud Gateway, is suited for rapid service scale out and agile service introduction and modification for both service providers and enterprise.



Easy deployment

Is easily deployed in the public cloud using automation for rapid deployment, eliminating the time-consuming facility and platform qualifications associated with physical routers.



Efficient scalability

Allows users to efficiently scale, on demand, routing and forwarding capacity to accommodate deployment in all sizes. Is scalable up to 2.5 Gbps IPsec performance.

What our customers are saying

“Juniper vMX leverages OTS hardware and supports open APIs, reinforcing programming tools such as Ruby, Python, Ansible, Puppet, and Chef. This will allow us to spend less time manipulating the platform and more time creating innovative solutions with our clients.”

Frank Jadevaia, President, Intercloud Systems

Learn More

For more information, visit [Azure and Juniper](#) or E-mail: sreichmeider@juniper.net

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 datacenters. The availability of the vMX Virtual Router on the Azure Marketplace provides a true cloud-grade virtual routing solution that ensures the smooth transition of enterprise workloads to the cloud. In addition, vMX on Azure enables service providers to offer networking services from the cloud. vMX integrates seamlessly with Azure and is engineered for this environment and cloud use cases.



Key Use Cases

Cloud Virtual POP

Leverage the public cloud to deliver network services that are currently being delivered by vMX or a physical MX Series Universal Routing Platform.

vMX Enables Hybrid Cloud Deployment

vMX secures connections between the enterprise datacenter or corporate office and the Azure Virtual Private Cloud.

vMX as a Virtual Provider Edge (vPE) Router

With the flexibility that the vMX and Azure Marketplace provide, service providers can choose licenses that meet their initial needs and, as market demand grows, have the flexibility to upgrade bandwidth as needed. This is a key component of building Cloud Virtual POP.

Solution Templates

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 templates to simplify deployment management.

Virtual POP

Access new markets without having to invest in physical infrastructure and scale up and down on demand. As a virtual provider edge, the vMX enables service delivery over Azure.

Hybrid Cloud Interconnect

The vMX is a cloud gateway to securely interconnect into the customer's existing networks and cloud workloads. It adds consistency to manage cloud and on-premises networks.

Azure Government

The vMX is available on the Microsoft Azure Marketplace, as well as on Microsoft Azure Government to seamlessly extend their existing network to Azure.

Learn more: [vMX Virtual Router on Microsoft Azure](#)

Corporate and Sales Headquarters

Juniper Networks, Inc.
1133 Innovation Way
Sunnyvale, CA 94089 USA
Phone: 888.JUNIPER (888.586.4737)
or +1.408.745.2000
Fax: +1.408.745.2100
www.juniper.net

APAC and EMEA Headquarters

Juniper Networks International B.V.
Boeing Avenue 240
1119 PZ Schiphol-Rijk
Amsterdam, The Netherlands
Phone: +31.0.207.125.700
Fax: +31.0.207.125.701



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