

Zero Trust Security

Zero compromise on Cloud Deployments with VMware Networking Services

Get software-defined networking and multi-cloud network security with VMware NSX

Why do businesses need Zero Trust Security?

15.1 billion

records exposed from more than 7000 security breaches in 2019

\$4 million

The average cost of a data breach

Securing East-West traffic is important, right down to the application workload level.

Businesses that need Zero Trust Security rely on Cloud Providers that offer service-defined firewalls.

What do service-defined firewalls offer businesses today?



Risk Mitigation

Prevents lateral movement of attackers across multi-cloud environments



Faster Security Operations

Deliver a true public cloud experience on-premises



Assured Compliance

Effortlessly create virtual security zones and implement Layer 7 security coverage



Simplified Security Architecture

Service-defined Firewall operates at every single workload

Why VMware NSX for Cloud-based networking services?



VMware NSX is much more than just network virtualization; it also offers service-defined distributed internal firewalls and networking across all cloud environments- private, public and hybrid.

Service-defined Internal Firewalls offer:



Elastic multi-cloud application-centric security



Proactive, policy driven application development lifecycle



Adaptive micro-segmentation



Create DMZs entirely in software



Security Intelligence

VMware Service-defined Firewall

VMware NSX Intelligence for Firewall

Distributed Firewall

Distributed IDS/IPS

Distributed Architecture

Service Aware

Operationally Simple



On-premises



VMs



VMware ESXi



KVM



Kubernetes



Bare-metal



AWS Outposts



Azure

What makes NSX Data Center stand out?

VMware NSX Data Center is the network virtualization and security platform that enables the virtual cloud network, connecting and protecting applications, new and existing, across data centers and clouds.



Software-defined networking and security functions, independent of the underlying physical infrastructure



Powerful, intrinsic, scalable features like Service-defined firewall

Use cases



Advancing Networking Security



Micro-segmentation



Software-defined DMZs



Secure VDI Environments

Tackle common cloud-based network challenges such as:

Data breaches

Lack of internal controls

Distributed apps and data

Constant security policy changes

Blind spots in network visibility

Extend to additional NSX secure cloud offerings



IDS/IPS



NSX Enterprise



DNS, DHCP, NAT

For more resources on how to deliver NSX Service-defined Firewalls to your customers, visit **VMware Network Security**.

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