LOGICALIS **vm**ware®
Architects of Change

Logicalis + VMware

NSX Data Center

Logicalis enables a virtual cloud network with full-stack network and security virtualization so you can connect and protect applications across your data center, multi-cloud and application infrastructure.

Overview

Today's modern data centers often take a software-first approach, leveraging virtual machines (VMs) and software-defined storage to achieve the needed performance and agility benefits. But legacy networking solutions still rule the day in many organizations.

These traditional, hardware-based network architectures fail to match the speed, agility or security of virtualized networks. But with VMware NSX Data Center, everything is different.

Extend virtual networks across your environment
VMware's network virtualization and security platform enables a software-defined networking approach that easily extends across data centers, clouds and application frameworks. Networking and security are brought closer to where the application is running—from VMs to containers to bare metal. And like VMs, virtual networks can be provisioned and managed independent of their underlying hardware.

With a software-defined network, you can create and provision any network topology in seconds—from simple to complex multitier networks. Leverage native services and third-party integrations, from next-generation firewalls to performance management solutions, to build more agile and secure networks.

Then extend these networks out to endpoints within and across clouds and manage the entire network from a single pane of glass.

Solve micro-segmentation challenges
Though micro-segmentation has been around for a while, it's had its challenges. VMware offers advanced capabilities to simplify policy configuration and control, enable increased access controls, eliminate reliance on agents and add more traffic blocking rules.

With these and other capabilities, VMware micro-segmentation ties granular security policies to individual workloads, limiting an attacker's ability to move laterally through the data center—even after penetrating perimeter defenses.
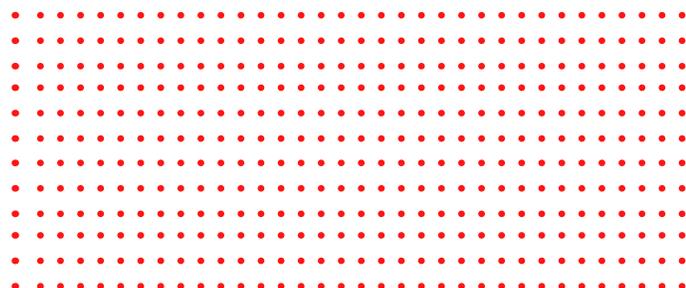
Related Solutions

- NSX Cloud – Hybrid cloud network and security
- vRealize Network Insight – App-centric network visibility
- NSX Distributed IDS/IPS – Software-based IDS/IPS
- NSX Intelligence – Distributed analytics engine
- NSX Service-Defined Firewall – Layer 7 internal firewall
- NSX Advanced Load Balancer – Multicloud LB, WAF and application analytics
- NSX Service Mesh – Networking and security for cloud-native workloads
- NSX Hybrid Connect – Extend on-premise environments to the cloud\

Use Cases

- NSX Cloud – Hybrid cloud network and security
- vRealize Network Insight – App-centric network visibility
- NSX Distributed IDS/IPS – Software-based IDS/IPS
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- NSX Service-Defined Firewall – Layer 7 internal firewall
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- NSX Service Mesh – Networking and security for cloud-native workloads
- NSX Hybrid Connect – Extend on-premise environments to the cloud

Services

Logicalis offers complete professional, consulting and advisory services for the data center, including:

- Assessments
- Infrastructure Application Rationalization
- Professional & Consulting Services
- Design, Integration & Deployment
- Workload Migration
- DevOps & Automation
- Managed Services
- Service Desk

Two Ecosystems, One Solution
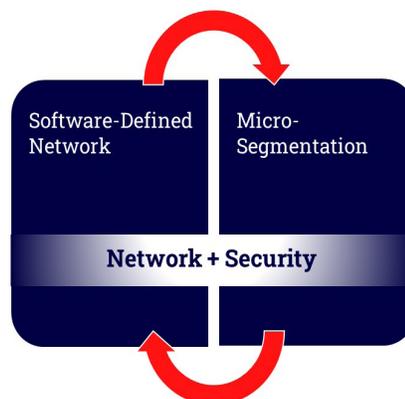
Benefits

- Improve network security and performance – Leverage micro-segmentation, more robust disaster recovery operations and lower latency to improve security and performance.
- Increase network agility – Automate provisioning of network resources and provide self-service capabilities to users for improved business responsiveness.
- Reduce the IT burden – Spend less time monitoring networks and responding to day-to-day issues.
- Optimize network costs – Cost effectively expand networks simply by increasing levels of virtualization.
- Lower CapEx and OpEx – Save up to 35% by consolidating network and security functions on a single platform and cut OpEx through simplified operations and optimized traffic flows.

What we can do for your organization?

Contact Logicalis to learn how we can help.

Visit
www.us.logicalis.com

Call
866 456 4422