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NETWORK FIREWALL VIRTUALIZATION

UNLEASH NETWORK SECURITY POTENTIAL

Advanced protection, simplified management, and cost-effective solution.

BOOST YOUR BUSINESS SECURITY TODAY

NETWORK FIREWALL VIRTUALIZATION [NFV]

The Challenge

Enterprises, service providers, and MSSPs are struggling with their on-premise network firewalls getting in the way of new digital initiatives. These multi-tenant networks have many physical on-premise firewalls that are time consuming, complex and expensive to deploy, manage and operate. Yet, they are still very important for data protection, data sovereignty and latency.

So how do you keep your on-premise firewalls while increasing business agility? Network automation and virtualization is increasingly important to keep pace with business demands. By turning your physical firewall appliances to on-premise virtual firewalls, network owners get faster time to deployment, simpler firewall management and reduced operational costs.

The Solution

The NFV is your single UI to automatically deploy, scale and optimize your on-premise virtual firewalls that are hosted on local commodity servers. Customers subscribe to the Infosec Security services based on their current needs and then pay as they grow by integrating credit-based licensing from our firewall partners.

By tightly integrating virtualization with automation and intelligent orchestration, the NFV offers large network owners the following:

1. Simplifies all the complex operations associated with on-premise virtual firewalls. It takes care of the full lifecycle of virtual firewalls with built-in workflows so it's very simple to add new virtual firewalls, adjust existing ones, or re-allocate server or firewall resources without the need for any DevOps work.

2. Maximizes the firewall license credits by scaling up firewalls when and if needed. Instead of having to source new hardware for traffic growth or a sudden surge, with virtual firewalls this is simply a re-allocation of credits and vCPUs, which is all taken care of for a cloud-like experience and no manual intervention.

3. Optimizes server resource allocation and virtual firewall performance for throughput and security. The Orchestrator is constantly checking resource utilization and making recommendations on best allocation in the context of your entire set of virtual firewalls. This brings predictability to managing your virtual infrastructure.

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NEED

Virtualize on-premise network firewalls to respond rapidly and flexibly for business agility.

SOLUTION

Network Firewall Virtualization (NFV)

BENEFITS

◎ Operate at cloud speed for business agility by integrating virtualization with intelligent orchestration to get 24x faster time to deployment.

◎ Manage the health, capacity and performance of virtual firewalls with the simplicity of a single dashboard and zero touch operations.

◎ Eliminate up-front CAPEX of physical firewalls for savings of over 78% with virtual firewalls and almost 9x lower TCO if you forgo DIY virtualization.

4. Aggregates the views of all the firewalls under its control to show you the overall health of the system, server resource allocation, VMs and network utilization.

Deploying the NFV lets you reap the benefits of intelligent orchestration: it speeds time to deployment by 24x, simplifies virtual firewall operations, and delivers almost 9x lower TCO.

How it Works

The NFV UI is your entry point into managing the firewall VMs and their underlying server infrastructure. It is a dynamic and aggregated view of all the virtual firewalls and the infrastructure while allowing you to continue using your existing policy manager for all security controls.

SUMMARY

This quick summary shows what matters most in terms of the health of the infrastructure that supports the firewalls. It offers a consolidated view of all the compute servers and virtual machines and their state.

RESOURCE UTILIZATION

This shows a constantly updated snapshot of resource utilization. The first widget shows the resources being consumed by the NFV while the other widgets show the resource utilization of the combined server pool.

CAPACITY USE

These widgets offer a health check of the system at a glance. It tracks resource capacity and the status of your credit-based licensing so you can see if and where to add capacity or virtual firewall credits.

RECENT EVENTS

The event summaries provide a quick way to see what's been happening with the server infrastructure and virtual machines to monitor the state of the virtual firewalls .

Why our NFV

Automates the full lifecycle of on-premise virtual firewalls from deploy to scale to optimize.

Optimizes server resource allocation and manages on-premise virtual firewalls through an aggregated view.

Integrates credit-based licensing and maximizes their use through auto-scaling and adjusting for capacity surges.