

PRODUCT BRIEF



FAST FACTS

Company:
NeuVector

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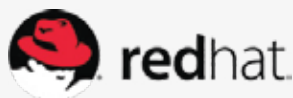
Website:
www.neuvector.com

Company Description

NeuVector was founded by security, virtualization and enterprise software veterans with the vision of simple, scalable security for container based applications. We believe that in a containerized world where DevOps teams are challenged to deliver new updates ever-faster, security needs to be designed to keep up with the rapid pace. The run-time focus of NeuVector's 'container firewall' combined with behavioral learning technology has enabled us to bring container network visibility and security to customers worldwide. Our team has over 20 years of security, virtualization, and enterprise software experience from companies such as VMware, Fortinet, Cisco, and Trend Micro.

Product Profile

NeuVector's solution is a lightweight container which deploys easily using OpenShift to protect running containers and hosts. NeuVector uses behavioral learning technology at the network and container level to automatically protect running OpenShift containers. Protections include Layer-7 network inspection to detect violation and threats, suspicious process detection, and vulnerability scans.



TECHNOLOGY PARTNER



CERTIFIED TECHNOLOGY

Overview

Run-time Container Security and Firewall Solution

Executive Summary

NeuVector provides run-time container security for OpenShift deployments. As services and pods scale and update rapidly it is difficult to monitor and secure network connections and container processes. Traditional tools such as firewalls and host security are blind to container traffic and activity. The NeuVector solution inspects all network traffic between containers to detect network violations and threats in real-time, while also monitoring container and host processes. Containers are also automatically scanning for vulnerabilities.

Statement from Partner

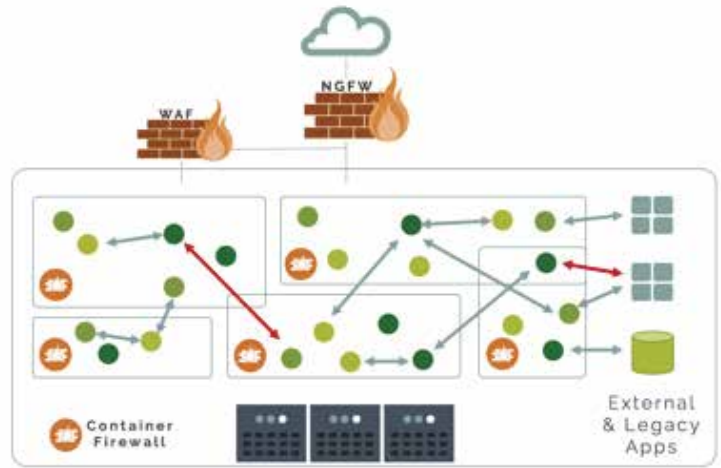
"As more business critical container projects move into production maintaining network visibility and security is required to defend against constant attacks," said Fei Huang, CEO of NeuVector. *"We are thrilled to partner with RedHat to enhance and extend the visibility and security of OpenShift enterprise deployments."*

Statement from Red Hat Connect

"Enterprise customers using Red Hat OpenShift for production container deployments require run-time visibility and security." said Jesse Wu, head of products - integrated solutions, Red Hat. *"We're excited to bring partners like NeuVector into our ecosystem with Red Hat certified applications to enhance customer security."*

Product Benefits

- Network visibility and security for east-west (internal) and north-south (external) traffic
- Layer 7 container firewalling with Deep Packet Inspection (DPI) automates security policy, scales easily, and detects violations at an application protocol layer, not just IP/port
- Detects container threats and suspicious activity such as DDoS attacks, tunneling, reverse shells, privilege escalations and port scanning
- Integrates with enterprise infrastructure – SIEM, SYSLOG, webhooks, SSO, LDAP, SAML to monitor and manage easily
- Integrates with OpenShift/Kubernetes and supports all network plug-ins such as ovs, weave, flannel, calico etc.
- Ensure container compliance with PCI, GDPR, TUEV, HIPAA, etc with vulnerability scanning, Docker bench tests, and container firewall



Use Cases

The NeuVector Container Security solution provides layered protection to detect potential threats and vulnerabilities during run-time, increasing the probability of detection as attackers execute multiple actions in a ‘kill chain.’

- Build continuous security into the CI/CD pipeline, from build to production
- Detect vulnerabilities and security issues on images, containers, and hosts before production
- Isolate and segment different OpenShift projects from one another, at the application/service layer
- Debug application network behavior with connection and packet capture
- Enable regular auditing and compliance checks for containers and their hosts
- Assist with forensic investigation for suspicious events with event and network capture



Schedule a Demo: www.neuvector.com/demo

Learn Container Security:
www.neuvector.com/learn-container-network-security/

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