

# NSX Edition of vSCOUT

## HIGHLIGHTS

- Provides optimized visibility into east-west traffic in VMware® NSX environments for application and user experience service assurance.
- Certified VMware Ready for Networking and Security.
- Leverages NETSCOUT® ASI Technology to provide Application KPI's, Service Dependency visibility, and optional traffic forwarding in a secure micro-segmented NSX Environment.
- Proactive reporting and alerting spotlights potential issues.

## NSX Edition of vSCOUT Overview

The NSX edition of vSCOUT™, certified by VMware, revolutionizes how applications are monitored and analyzed in NSX software defined data centers and beyond. It is the first service assurance solution to deliver affordable, optimized monitoring of east-west traffic in NSX environments. It complements existing Adaptive Service Intelligence™ (ASI)-based hardware and software instrumentation widely used in traditional infrastructures to now provide the same level of visibility within the NSX environment.

## Deployment

The NSX edition of vSCOUT is a service virtual machine (SVM) that can be installed on every hypervisor in a VMware cluster and leverages the NSX NetX API to process copies of packets flowing into and out of VMs on the same ESX host. Packet access to the NSX edition of vSCOUT is simple and easily controlled using an NSX security group. The analysis performed locally by ASI in the NSX edition of vSCOUT generates Key Performance, Traffic, Error and Server Indicators (KPIs, KTIs, KEIs, and KSIs) for correlation and presentation in the nGeniusONE® Service Assurance platform or virtual nGeniusONE. This has the benefit of avoiding overburdening the network with added load from continuous forwarding of packets to external tools.

If direct access to wire data is required, the NSX edition of vSCOUT can be configured to forward copies of the server's packets to a NETSCOUT vSTREAM™ virtual appliance or InfiniStreamNG™ for full ASI functionality including real-time views of sessions, conversation details, end-to-end call-trace data, and packet storage and analysis.

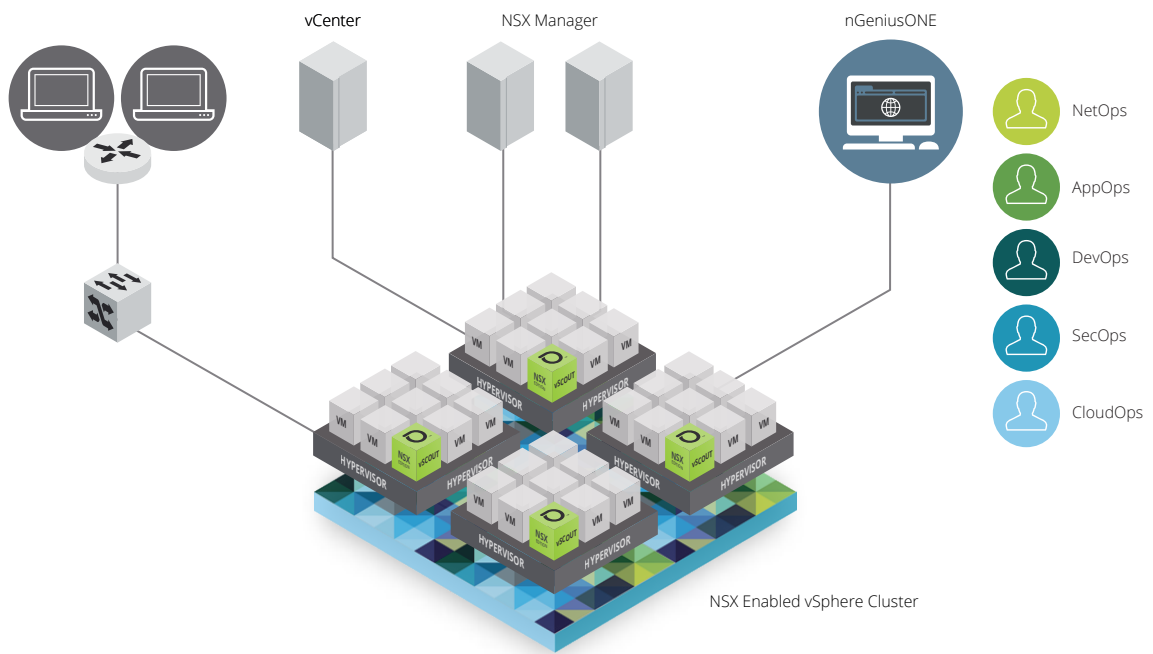


Figure 1: NSX Edition of vSCOUT with nGeniusONE Service Assurance platform which improves collaboration among all members of the IT team from NetOps to DevOps, AppOps, SecOps and CloudOps.



## Smart Data and Smarter Analytics

Only NETSCOUT can leverage the power of wire data through its patented ASI technology and is designed to scale to the needs of the world's largest enterprises and service providers supplying smart data for service and security assurance. The NSX edition of vSCOUT is unique in delivering Layer 7 application visibility directly from the hypervisor. nGeniusONE Service Assurance platform, with industry-leading support for more than 1000 applications including voice, video and data, uses smart data from vSCOUT to pinpoint the source of application disruptions impacting the user community. All of NETSCOUT 's ASI-based monitoring platforms are integrated with the nGeniusONE platform to provide a common set of metadata analytics.

## SPECIFICATIONS

### NSX Edition of vSCOUT

<b>vCenter Server</b>	v5.5, v6.0, v6.5
<b>Hypervisor</b>	VMware vSphere ESXi Enterprise Plus running ESXi v5.5 or v6.0 or v6.5
<b>NSX</b>	NSX for vSphere – Enterprise running 6.2, 6.3, 6.3.2 or 6.4.0
<b>vSwitch</b>	VMware vSphere VDS
<b>Virtual Interfaces</b>	1 Management & 4 Monitoring
<b>vCPUs</b>	2 – 8
<b>Memory</b>	2 GB – 8 GB
<b>Disk</b>	8 GB



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