

# VMware vRealize Network Insight and vRealize Network Insight Cloud

## AT A GLANCE

VMware vRealize® Network Insight™ delivers intelligent operations for software-defined networking and security. It helps customers build an optimized, highly available and secure network infrastructure across multi-cloud environments. It accelerates micro-segmentation planning and deployment, enables visibility across virtual and physical networks, and provides operational views to manage and scale VMware NSX® deployments. It is also available as a VMware Cloud™ Service as VMware vRealize Network Insight Cloud™.

## KEY BENEFITS

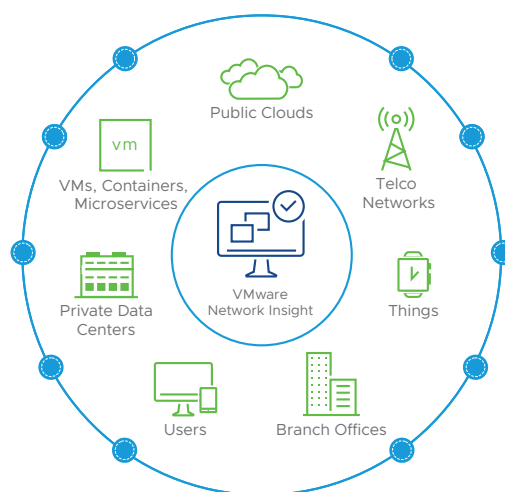
- Accelerate micro-segmentation planning and deployment
- Audit changes to the security posture and ensure compliance
- Troubleshoot quickly across virtual and physical network and security infrastructure
- Manage and scale NSX deployments with confidence
- Manage network and security across private clouds, public clouds and SD-WAN consistently
- Reduce business risk by mapping application dependencies during application migration planning
- Accelerate performance of your business-critical applications by optimizing your network and eliminating bottlenecks
- Operationalize Kubernetes and troubleshoot connectivity issues between containerized workloads

## Accelerate application security and networking across private, public and hybrid clouds

Today's tools for monitoring the dataflow for optimum east-west traffic can be challenging and time-consuming because they involve manual processes. Niche and legacy network management tools do not provide converged visibility across virtual and physical networks to optimize performance. Customers need a simple, easy-to-use, end-to-end management tool to troubleshoot and get best practices compliance for NSX and VMware SD-WAN™ by VeloCloud® deployments.

With vRealize Network Insight, you can take the guesswork out of deploying micro-segmentation with a comprehensive NetFlow assessment to model security groups and firewall rules, and actionable recommendations for implementing micro-segmentation and monitoring compliance postures over time. In addition, vRealize Network Insight can help you improve performance and availability with converged visibility across physical and virtual networks. You can also simplify NSX operations management with an intuitive UI and natural language search to quickly pinpoint issues and troubleshoot, as well as get best practices deployment and compliance recommendations. vRealize Network Insight is available for deployment on premises or as a VMware Cloud Service called vRealize Network Insight Cloud.

vRealize Network Insight  
Security Planning and Network Visibility Across the Virtual Cloud Network



### Use cases

- Plan application security and migration:
  - Accelerate micro-segmentation deployment
  - Troubleshoot security for the software-defined data center (SDDC), native AWS, Azure, Kubernetes containers, SD-WAN and hybrid cloud
  - Minimize business risk during application migration
- Optimize and troubleshoot virtual and physical networks:
  - Reduce mean time to resolution for application connectivity issues
  - Optimize application performance by eliminating network bottlenecks
  - Audit network and security changes over time
- Manage and scale NSX:
  - Scale across multiple NSX Managers
  - Boost uptime by proactively detecting misconfiguration errors
  - Ensure compliance for NSX.

### Feature matrix

CAPABILITY	vREALIZE NETWORK INSIGHT ADVANCED	vREALIZE NETWORK INSIGHT ENTERPRISE	vREALIZE NETWORK INSIGHT CLOUD
Virtual Flows (VDS IPFIX, V2V, V2P)	•	•	•
NSX Firewall M-Seg Planning and Operations (NSX IPFIX)	•	•	•
Application Discovery Dashboard (Names, Tags, RegEx)	•	•	•
NSX Day 2 Ops (Topology View, Health Checklist, Edge Load Balance Dashboard)	•	•	•
Visibility Across Third-Party Switches, Routers, Firewalls and Load Balancers	•	•	•
Public API	•	•	•
DNS Mapping (Import Bind File)	•	•	•
NSX PCI Compliance Dashboard		•	•
ServiceNow Integration for App Discovery		•	•
Security Planning and Visibility for VMware Cloud on AWS		•	•

**LEARN MORE**

For information or to purchase VMware products, call 877-4-VMWARE (outside North America, +1-650-427-5000), visit [vmware.com/products](http://vmware.com/products) or search online for an authorized reseller in your area at [partnerlocator.vmware.com](http://partnerlocator.vmware.com).

For detailed product specifications and system requirements, refer to the VMware NSX and vRealize Network Insight documentation at [vmware.com/vrealizenetworkinsight](http://vmware.com/vrealizenetworkinsight).

CAPABILITY	vREALIZE NETWORK INSIGHT ADVANCED	vREALIZE NETWORK INSIGHT ENTERPRISE	vREALIZE NETWORK INSIGHT CLOUD
DNS Resolution with Infoblox		•	•
Physical Flows (NetFlow v7 and v9, and sFlow)		•	•
Visibility for VMware Enterprise PKS, Kubernetes and OpenShift		•	•
Network and Security Analytics (Top Talkers, Anomalies, Outlier Detection, etc.)		•	•
Configurable and Extended Retention Period for Data		•	•
Cisco ACI, BGP-EVPN Underlay Visibility		•	•

**vRealize Network Insight for SD-WAN Edition**

- End-to-end visibility of VMware SD-WAN connectivity to the cloud and the data center
- Flow and traffic analysis of applications and business services used by edge sites
- Site-/branch-level visibility and troubleshooting of connectivity to apps and the data center

**Support and professional services**

VMware offers global support and subscription (SnS) services to all vRealize Network Insight customers. For customers requiring additional services, VMware also offers professional services engagements on best practices and getting started with your deployment, both directly and through an extensive network of certified professionals: [vmware.com/services](http://vmware.com/services).

