

InfiniStreamNG 5000 Virtual Appliances

HIGHLIGHTS

- Virtual appliance monitors services locally on a host or as an aggregation point for multiple hosts
- Supports VMware and OpenStack + KVM
- Supports NETSCOUT's suite of Service Assurance applications

InfiniStreamNG Platform Overview

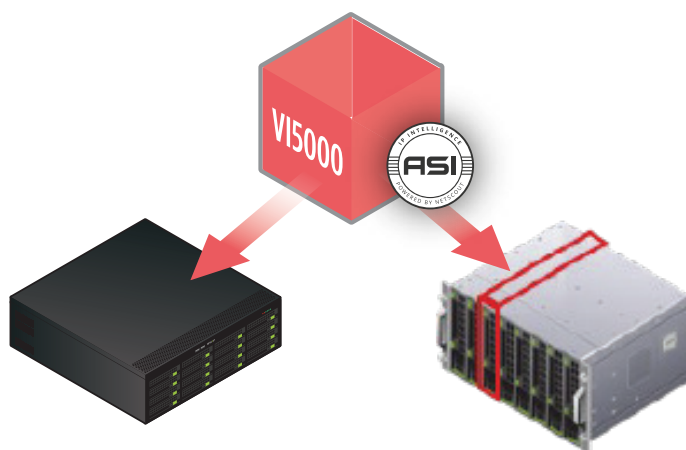
The InfiniStreamNG™ platform represents the next evolution of NETSCOUT's high capacity and flexible appliances that leverage Adaptive Service Intelligence™ (ASI) technology to perform deep packet capture and analysis of services, service enablers and network performance. Offering unsurpassed scalability, InfiniStreamNG probes are integrated with the nGeniusONE® Service Assurance platform to provide a common set of packet-flow-based metadata for use in troubleshooting, service and application performance, detailed key performance indicators, as well as real-time and historical forensic analysis. NETSCOUT® offers multiple InfiniStreamNG models (appliance, COTS-based software and virtual appliances) to support the different processing and storage needs of enterprise and service provider environments including business services, mobile, fixed-line voice, residential triple-play, satellite and cable/MSO networks.

InfiniStreamNG 5000 Virtual Appliance Overview

InfiniStreamNG 5000 is a virtual appliance that complements existing InfiniStream® appliance-based instrumentation to provide the same level of visibility within virtualized infrastructures that is already possible in physical environments. NETSCOUT's InfiniStreamNG 5000 virtual appliances are ideal for monitoring service-critical traffic running within a virtualized infrastructure, either locally on a host or as an aggregation point for multiple hosts. With 360° visibility across virtual and physical networks, the InfiniStreamNG 5000 presents real-time views of end-to-end call trace data and network-wide KPIs, to protect the reliability and availability of networks and services.

Deployment

The InfiniStreamNG 5000 virtual appliance supports the nGeniusONE platform and the InfiniStream monitoring, analysis and capture software. InfiniStreamNG 5000 virtual appliances can be deployed in tandem with physical InfiniStream and InfiniStreamNG appliances, to provide seamless, end-to-end ASI-based analysis across the entire network and service infrastructure.



VI5695		Up to 24 vCPU
VI5795		Up to 48 vCPU
VI5895		Up to 72 vCPU
VI5995		Future proof vCPU

SPECIFICATIONS

InfiniStreamNG 5000 virtual appliances

Hypervisors	VMware vSphere ESXi Standard, Enterprise, or Enterprise Plus running ESXi v5.5 or v6.0 Linux KVM 2.0.0, QEMU 2.0 OpenStack Kilo
VSwitches	VMware vSphere VSS & VDS Open vSwitch Cisco Nexus 1000V for vSphere
Virtual Interfaces	1 Management & 4 Monitoring
Network Optimization	Built with Intel® Data Plane Development Kit (DPDK) PCI Passthrough support SR-IOV support
Resource Requirements	
VCPUs	4 or more
Memory	24 GB or more
Disk - OS	32 GB
Disk - Capture	Configurable

nGeniusONE Platform

The nGeniusONE Service Assurance platform provides insights into the performance characteristics of data, voice and video service delivery to manage the availability and quality of the user's experience. nGeniusONE helps dramatically shorten the time required to solve network and application performance issues by providing a common set of metadata for service visibility across network elements, applications and devices to address the needs of network and IT operations teams.

ASI Technology



NETSCOUT's patented, ASI technology is a next generation Deep Packet Inspection (DPI) engine that intelligently and efficiently analyzes packet and flow data to provide real-time, contextual analysis of service, network and application performance. ASI provides an unparalleled wealth of information and uses sophisticated algorithms that determine the best way to process, store and retrieve data, guaranteeing that InfiniStreamNG probes make the most efficient use of compute and storage resources.

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