

InfiniStreamNG 2000 Virtual Appliance

HIGHLIGHTS

- Virtual appliance extends visibility across multiple virtualized hosts
- Supports VMware and OpenStack + KVM
- Supports NETSCOUT's suite of Service Assurance applications

InfiniStreamNG Platform Overview

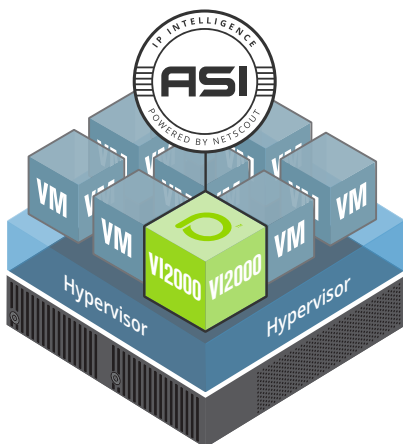
The InfiniStreamNG™ platform represents the next evolution of NETSCOUT's high capacity and flexible appliances that leverage Adaptive Service Intelligence™ (ASI) technology to perform deep packet capture and analysis of services, service enablers and network performance. Offering unsurpassed scalability, 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 2000 Virtual Appliance Overview

InfiniStreamNG 2000 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 2000 appliance is ideal for monitoring services with modest traffic levels within virtualized hosts in the data center, or to provide traffic visibility at remote sites.

Deployment

The InfiniStreamNG 2000 virtual appliance supports the nGeniusONE platform and the InfiniStreamNG monitoring, analysis and capture software. InfiniStreamNG 2000 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.



VI2000 | Up to 8 vCPU

SPECIFICATIONS

InfiniStreamNG 2000 virtual appliance

Hypervisors	VMware vSphere ESXi Standard, Enterprise, or Enterprise Plus running ESXi v5.5 or v6.0 Linux KVM 2.0.0, QEMU 2.0
VSwitches	VMware vSphere VSS & VDS Open vSwitch Cisco Nexus 1000V for vSphere
Virtual Interfaces	1 Management & 1 Monitoring
Network Optimization	Built with Intel® Data Plane Development Kit (DPDK)
Resource Requirements	
VCPUs	4 to 8
Memory	8 GB
Disk - OS	32 GB
Disk - Capture	100 GB Default (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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