NETSCOUT

vSCOUT Software

HIGHLIGHTS

- Expands visibility into services operating in virtual and public cloud environments
- Proactive KPI reporting and alerting spotlights potential issues
- Supports Linux and Windows applications
- Supports NETSCOUT's suite of Service Assurance applications
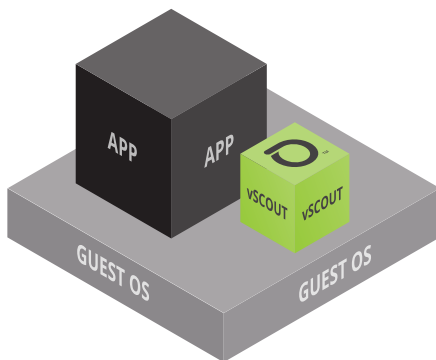
vSCOUT Software Overview

The vSCOUT™ software complements existing Adaptive Session Intelligence™ (ASI)-based hardware and software instrumentation to provide the same level of visibility within virtualized infrastructures, even when the underlying infrastructure is inaccessible, such as in a public cloud. vSCOUT is ideal for monitoring services within virtualized hosts in data centers or public cloud environments where traditional packet acquisition techniques are impractical.

Deployment

vSCOUT is a software application that runs on the Guest OS alongside the monitored service; vSCOUT reports critical key performance indicators (KPIs) to the vNG1 and/or the nGeniusONE® Service Assurance platform. vSCOUT software can be deployed in tandem with physical and virtual InfiniStream® appliances, to provide seamless, end-to-end, ASI-based analysis across the entire network and application service infrastructure. In public and private cloud environments, the vSCOUT can send copies of the server's packets to the vSTREAM for full ASI functionality.

ASI Technology Overview

The cornerstone of NETSCOUT's technology approach to service assurance is Smart Data and Superior Analytics with our patented Adaptive Service Intelligence (ASI) technology. Based on wire data, ASI is the foundation of the most robust set of data sources available for use in troubleshooting service and application performance across complex, mission critical, enterprise environments. Offering unsurpassed scalability, ASI is delivered on a variety of platforms from hardware appliances and COTS software-based platforms to virtual appliances. NETSCOUT's software application vSCOUT is a seamless extension of the nGenius® architecture that provides much needed visibility into Cloud environments. This broad range of ASI-based data sources enables enterprises to support a variety of visibility requirements, including on-premise or off-premise, on bare metal, in private cloud or public cloud. All our ASI-based monitoring platforms are integrated with the nGeniusONE Service Assurance platform to provide a common set of metadata analytics.

ENTERPRISE

SPECIFICATIONS

vSCOUT Software

Operating Systems	Ubuntu 14.04 LTS x64, 16.04 LTS x64 Red Hat Enterprise Linux 6 & 7 x64 CentOS 6 & 7 x64 Windows Server 2008/2012/2016 x64
Resource Requirements	1 vCPU within Guest OS 1 GB free RAM 500 MB free storage
Virtual Interfaces	1 Management & 1 Monitoring (shared with Guest OS)

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.

NETSCOUT.

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NETSCOUT offers sales, support, and services in over 32 countries. Global addresses, and international numbers are listed on the NETSCOUT website at: www.netscout.com/company/contact-us-2/