NETSCOUT Certified nGeniusONE Server

NETSCOUT Certified nGeniusONE Server for Service Assurance and NETSCOUT Smart Edge Monitoring Solutions

The NETSCOUT Certified nGeniusONE Server provides a software-based approach for deploying the nGeniusONE Service Assurance analytics platform. The high-performance, highly secure NETSCOUT Certified nGeniusONE Server enables rapid deployment of nGeniusONE, which offers advanced performance analytics leveraging NETSCOUT smart data generated by our InfiniStreamNG® software/hardware appliances and vSTREAM® virtual appliances.

NETSCOUT Certified nGeniusONE Server Overview

The NETSCOUT Certified nGeniusONE Server option enables customers to select a software-based approach to deploying the nGeniusONE Server. This nGeniusONE Standalone Server deployment options the full range of nGeniusONE product licensing options (entry level, intermediate, or full licensing).

The NETSCOUT Certified nGeniusONE Server configuration includes:

- Dual 22-core Intel processors
- CentOS Linux Server 7.x 64-bit platform
- 384GB memory
- 128TB Storage RAID 6
- Replaceable and redundant AC or DC power supplies
- Remote Management Module

With this solution, the nGeniusONE Server Software component is unbundled from the underlying nGeniusONE Server. This configuration provides customers the flexibility of a software-based approach with the performance and reliability of traditional nGeniusONE Server hardware appliances.

The NETSCOUT Certified nGeniusONE Server provides support for today’s digitally transformed enterprise environments, driving performance for multi-cloud, unified communications, virtual, and Co-lo service environments, capitalizing on the visibility offered by our pervasive data source options.

The nGeniusONE Server Software component is ordered directly from NETSCOUT. With guidance from NETSCOUT, customers independently order nGeniusONE Server appliances from a NETSCOUT Certified Supplier.

Additionally, NETSCOUT provides our award-winning MasterCare annual maintenance for the NETSCOUT Certified nGeniusONE Server software, as well as the NETSCOUT Certified nGeniusONE Server, resulting in single-source system support for enterprise customers. MasterCare for the Certified Server Hardware must be ordered separately from the MasterCare for the software.
NETSCOUT-Certified nGeniusONE Server Specifications

Acquired from NETSCOUT

**Software**

NETSCOUT nGeniusONE application software

Acquired from a NETSCOUT-Certified Supplier

**Server**

NETSCOUT Certified nGeniusONE Server appliance

Part Number: H-09800-Q5J2 (AC power), H-09800-Q5J2 (DC power)

**Processor**

Dual 22-core Intel processors

**Memory**

12x 32GB DDR4 (384G Total)

**Storage**

128TB 16x 8TB, RAID 6

**Management Port**

Two onboard Fast/Gigabit/10 Gigabit Ethernet LAN ports (eth0 used for mgt) One dedicated 1-Gigabit IPMI port for remote management

**Rack Unit**

3 Rack Unit (3 RU)

**Dimensions**

5.2 in (132 mm) Height

17.2 in (437 mm) Width

25.5 in (648 mm) Depth

**Weight**

82 lbs. (37.19 kg)

**Mounts**

Rack mount side rails included

Environmental Specifications (Appliance)

**Power Rating (AC)**

Hot swappable, redundant

1000W: 100-127V, 15-12A, 50-60Hz

1200W: 200-240V, 8.5A-7A, 50-60Hz

**Maximum Consumption (AC)**

100V, 9.8A, 1000W

**Heat Dissipation (AC)**

3554 BTU/Hr

**Power Rating (DC)**

48VDC, 1010W, 24A (x2), hot-swappable, redundant

**Maximum Consumption (DC)**

21.7A, 1042W

**Heat Dissipation (DC)**

3412 BTU/Hr

**Vibration**

0.75G at 5-200 Hz

**Operating Temperature**

50° to 95°F (10° to 35°C)

**Operating Relative Humidity**

8% ~ 90% (non-condensing - Chassis/Motherboard)

**Altitude**

-45 to 9,500 ft (-13.7m to 2,896 m)

**Mechanical Shock**

1 shock pulse up to 40G for up to 2ms

**Regulatory Approvals**

Regulatory Model Number: NV53U, FCC Part 15 Class A, CE Mark (EN55032 Class A, EN 55024, EN 61000-3-2, EN 61000-3-3), VCCI (Japan) Class A, RRA (Korea) KC Cert #: R-R-NSZ-NV53U, CCC Class A (China), EAC (Russia), BIS (India), CM (Morocco), UL-C of C (Mexico), BSMI (Taiwan), LoA (South Africa), UL 60950-1/62368-1, CAN/CSA C22.2 No. 60950/62368-1, IEC 60950-1/62368-1, EN 60950-1/62368-1, CB Report

nGeniusONE Service Assurance Platform

nGeniusONE is a real-time information platform that provides a single pane of glass to view the data, voice, and video service delivery performance to manage both the availability and quality of the user’s experience.

Available on both hardware and virtual platforms, nGeniusONE leverages NETSCOUT smart data as a universal source for providing smarter analytics for end-to-end visibility throughout private, virtualized, public, and hybrid cloud environments.

ASI Technology

Adaptive Service Intelligence® (ASI) technology transforms network packet traffic and nPoint synthetic testing results into smart data, providing real-time visibility into user experience for the most advanced and adaptable information platform to ensure security, manage risk, and drive service performance.

NETSCOUT Smart Edge Monitoring

When deployed as part of the NETSCOUT Smart Edge Monitoring solution, nGeniusONE extends IT’s ability to truly visualize real-time end-user experience along the client edge (e.g., work-from-home and remote locations). In taking advantage of the NETSCOUT Cloud Adaptor’s (available in ISNG and vSTREAM Smart Visibility platforms) use of advanced ASI technology to combine passive, packet-based monitoring and nPoint synthetic testing into user experience in a single data source, NETSCOUT Smart Edge Monitoring provides service edge visibility required to assure business continuity and end-user experience across today’s hybrid workforce environments.

© 2021 NETSCOUT SYSTEMS, INC. All rights reserved. NETSCOUT systems, Inc., the NETSCOUT logo, Guardians of the Connected World, Adaptive Service Intelligence, Arbor Networks, the Arbor Networks logo, ATLAS, InfiStream, InfiStreamNG, nGenius, and nGeniusONE are registered trademarks or trademarks of NETSCOUT SYSTEMS, INC., and/or its subsidiaries and/or affiliates in the U.S. and/or other countries. Third-party trademarks mentioned are the property of their respective owners.