NETSCOUT

NETSCOUT Certified nGeniusONE Server

NETSCOUT Certified nGeniusONE Server for Performance Management Solutions

HIGHLIGHTS

- Performance and availability-optimized nGeniusONE® Server configuration
- nGeniusONE support, including cloud-scale user counts and workloads, high-availability options, distributed geographical access
- Supports deployment in nGenius® Enterprise Performance Management solution
- Award-winning NETSCOUT® MasterCare Support coverage for software and hardware

The NETSCOUT Certified nGeniusONE Server provides a software-based approach for deploying the nGeniusONE solution. 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® (ISNG) 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.

ENTERPRISE

NETSCOUT-Certified nGeniusONE Server Specifications

Acquired from NETSCOUT

Software	NETSCOUT nGeniusONE application software[1]

Acquired from a NETSCOUT-Certified Supplier

Server	NETSCOUT Certified nGeniusONE Server appliance Part Number: H-09800-QSJA2 (AC power), H-09800-QSJD2 (DC power)
Processor	Dual 22-core Intel processors
Memory	12x 32GB DDR4 (384G Total)
Storage	128TB 16x 8TB, RAID 6
Management Port	Two onboard/Gigabit/10 Gigabit EthernetLAN 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
Power Rating (DC)	48VDC, 1010W, 24A (x2), hot-swappable, redundant
Maximum Consumption (DC)	21.7A, 1042W
Vibration	0.75G at 5-200 Hz
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 Solution

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

Available on both hardware and virtual environments, 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 to ensure security, manage risk, and drive performance.

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[1] NETSCOUT nGeniusONE product software licensing options must be purchased separately and directly from NETSCOUT.

[2] Please refer to the nGeniusONE data sheet for software product description and key features.

[3] nGeniusONE software may be purchased as a software-only solution supporting v7.x of either CentOS or Red Hat® Enterprise Linux® (English only) and Windows® 2012 x64, Windows 2012 R2 x64, or Windows 2016 x64 – Standard and Enterprise Platforms.

Temperature	Specifications
Storage	–40°C to 65°C (–40°F to 149°F)
Continuous operation (for altitude less than 950 m or 2953 ft)	10°C to 35°C (50°F to 95°F) with no direct sunlight on the equipment
Maximum temperature gradient (operating and storage)	20°C in an hour (36°F/h) and 5°C in 15 minutes (9°F/15 min)
Operational altitude de-rating	Maximum temperature is reduced by 1°C/300 m (1.8°F/984 Ft) above 900 m (2953 Ft)

Table 2: Temperature Specifications.

Relative Humidity	Specifications
Storage	5% to 95% RH with 33°C (91°F) maximum dew point. Atmosphere must be non-condensing at all times.
Operating	10% to 80% relative humidity with 29°C (84.2°F) maximum dew point, non-condensing

Table 3: Relative Humidity Specifications.

nGenius Enterprise Performance Management

When deployed as part of the NETSCOUT nGenius® Enterprise Performance Management 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 Edge Adaptor's (available in ISNG and vSTREAM Smart Visibility solutions use of advanced ASI technology to combine passive, packet-based monitoring and nPoint synthetic testing into user experience in a single data source, NETSCOUT nGenius Performance Management provides service edge visibility required to assure business continuity and end-user experience across today's hybrid workforce environments.

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