SECURITY-HARDENED APPLIANCES FOR IDENTITY-DRIVEN NETWORKS

Infoblox Network Identity Appliances

Infoblox appliances are purpose-built, high-performance hardware devices that serve as the foundation of Infoblox network identity infrastructure solutions. Infoblox appliances ship standard with the proprietary, security-hardened Infoblox NIOS® software and support the DNSone®, DNSone with Keystone™, and Integration for VitalQIP® Software packages. All models can be deployed individually or in high-availability (HA) pairs for optimal service resiliency.

Unlike alternatives that are based on standard 1U server hardware, Infoblox appliances have no extraneous hardware interfaces—such as external disk drives, keyboard, or mouse ports—making them the only true network identity appliances available on the market and providing the most secure and reliable platform for essential, nonstop network identity services.

The Appliance Advantage

In today's network environment, providing nonstop network services, such as DNS, DHCP, IPAM, TFTP, and RADIUS, is essential. This is why appliance delivery of these services has become a recommended industry best practice. Appliances are inherently more reliable, manageable, scalable, and secure than general-purpose server software-based architectures. Purpose-built appliances consolidate core network services into a unified architecture that can be administered by a single organizational group enterprise-wide.

Infoblox-550 Network Identity Appliance

The Infoblox-550 network identity appliance hardware platform is designed to serve small enterprises and branch-office applications. The Infoblox-550 has the capacity to support 25,000 database objects and over 12,000 DNS requests per second, making it ideally suited as a stand-alone appliance in a small enterprise or as a member of an ID grid in the branch office of a distributed enterprise.

The Infoblox-550 can be deployed in ID grids running Infoblox DNS and DHCP services via the DNSone package, and can also be used to provide remote server functions in a Lucent VitalQIP environment using the VitalQIP Integration module.

Infoblox-1050 Network Identity Appliance

The Infoblox-1050 network identity appliance hardware platform is designed to serve small- and medium-sized enterprises and branch-office applications. When equipped with the DNSone package, the Infoblox-1050 has the capacity to support 150,000 database objects and serves over 24,000 DNS requests per second, making it the most powerful DNS and DHCP appliance in its class.

When deployed in an ID grid with the optional grid module enabled, the Infoblox-1050 appliance can serve as a member of the grid or as the grid master for a small grid.

Infoblox-1550 and Infoblox-1552 Network Identity Appliance

The Infoblox-1550 and -1552 hardware platforms are designed to serve medium-sized and large enterprises in headquarters and regional office environments. When equipped with the DNSone package, the Infoblox-1550 and Infoblox-1552 support 400,000 database objects and serve more than 36,000 DNS requests per second, making them the models of choice for large-scale deployments.

The 1550 and 1552 models can be deployed singly or in high-availability pairs for delivering external DNS services for an enterprise's Internet presence, or for internal DNS, DHCP, and TFTP services in a data center or in a large campus network. The Infoblox-1550 and Infoblox-1552 are also designed to serve as the grid masters for medium and large ID grids of distributed Infoblox appliances. The Infoblox-1552 features redundant, hot-swappable power supplies for applications that require the highest level of availability.

Performance and Capacity Specifications

	Infoblox-550	Infoblox-1050	Infoblox-1550/2
DNS Queries Per Second	12,000	24,000	36,000
DHCP Leases Per Second	75	150	225
Capacity (Database Objects)	25,000	150,000	400,000

Infoblox product warranty and services
The standard hardware warranty is for a period of one year. The system software has a 90-day warranty that will meet published specifications. Optional service products are also available that extend the hardware and software warranty. These products are recommended to ensure the appliance is kept updated with the latest software enhancements and to ensure the security and availability of the system. Professional services and training courses are also available from Infoblox. Information in this document is subject to change without notice. Infoblox Inc. assumes no responsibility for errors that appear in this document.

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Infoblox-550/1050/1550/1552 Hardware

Network interfaces	2 10/100/1000 Base-T Ethernet (LAN ports) 1 10/100/1000 Base-T Ethernet (HA port) 1 10/100 Base-T Ethernet (MGMT port)
AC power supply	**Infoblox-550/1050/1550** Input voltage: 100 to 240 VAC switchable, 47 to 63 Hz, 3A Output Power: 250W -- **Infoblox-1552** Input voltage: 100 to 240 VAC switchable, 47 to 63 Hz, 4A, redundant, dual input Output Power: 250W
Operating temperature	35°F to 104°F (1.7°C to 35°C) 5% to 95% relative humidity, non-condensing
Storage temperature	-40°F to 122°F (-40°C to 50°C) 5% to 95% relative humidity, non-condensing
Dimensions and weight	**Infoblox-550/1050/1550** Enclosure: 19 in. rack-mountable Height: 38.1 mm (1.5 in.); 1 rack unit Width: 438.2 mm (17.25 in.) Depth: 381 mm (15 in.) Weight: 13 lbs. -- **Infoblox-1552** Enclosure: 19 in. rack-mountable Height: 38.1 mm (1.5 in.); 1 rack unit Width: 438.2 mm (17.25 in.) Depth: 381 mm (15 in.) Weight: 20 lbs.
Certifications	Safety: UL, FCC, CE, TUV, CB, VCCI, C-Tick Environmental: WEEE and RoHS
Support	Standard warranty includes 90-day software support with one-year hardware support; upgradable