

Network Insight Discovery Appliances

SECURITY-HARDENED APPLIANCES FOR NETWORK INFRASTRUCTURE DISCOVERY AND VISIBILITY

Routers, switches, firewalls, mobility and IoT devices and a host of other endpoints are constantly engaging and leaving your network. Without automation, how do you track it all? Infoblox Network Insight data collection and correlation gives you unprecedented visibility to help your administrators better manage their networks, validate designs, effectively provision, troubleshoot, and deliver network services. Infoblox appliances are purpose-built, high-performance hardware devices that form the foundation of Infoblox network services and automation solutions. Appliance platforms provide the key benefits of performance, reliability, resilience, and manageability.

Infoblox appliances have no extraneous hardware interfaces—such as keyboards, monitors, mouse ports, or CD drives—making them the only true network change and management appliances available. We designed the custom chassis to meet the most stringent enterprise and government security requirements. Infoblox Network Insight appliances offer a wide range of models that deliver the performance, capacity, and availability required in each unique environment, from the smallest branch office to the largest enterprise or service-provider network.

Appliance-based delivery of IP network services is a recommended industry best practice for any size organization. Infoblox appliances are inherently more reliable, manageable, scalable, and secure than software running on general-purpose servers whose well-understood operating systems are more easily compromised. All models can be deployed individually or in a high-availability (HA) pair distributed architecture, leveraging Infoblox Grid™ for optimal service resiliency.

SOFTWARE APPLIANCES

- Software appliances supported on various hypervisor and cloud platforms
- Save power by reducing the number of servers and physical appliances
- Lower TCO by saving hardware, power, cooling and real-estate costs
- Deploy easily using your standard virtualization practices

PURPOSE-BUILT APPLIANCES

Remote Management

- Lights Out Management, IPMI 2.0
- Unit-identification button/LED
- Real-time system environmental and fault monitoring
- SNMP monitoring with infoblox MIBS

High Availability

- Redundant power supplies
- Redundant disks
- Redundant cooling fans
- Power supply field-replaceable unit
- Disk field-replaceable unit
- Fan field-replaceable unit
- ECC RAM

Power Efficiency

- Lower power consumption
- Supports for the Go Green initiative

A SCALABLE FAMILY OF HARDWARE AND SOFTWARE APPLIANCES

The Infoblox Network Insight appliance family offers a wide range of models that are designed to deliver the performance, capacity, and availability required in each unique environment, from the smallest branch office to the largest enterprise or service provider network.

Network Insight appliances offer deployment flexibility as physical or software appliances. The 8X5 appliances are designed for remote and branch locations. The 14X5 appliances are for larger remote and branch locations, as well as small-to-medium sized organizations. The 22X5 appliances are for medium to large organizations, while the 40X5 appliances are for use by large enterprises and service providers.

Advanced Requirements

- Top-quality, enterprise-class and energy-efficient components
- Custom-designed chassis to meet U.S. Government security requirements
- Service-provider options with high-performance DNS caching, and NEBS compliance and DC power
- Optical and copper SFP interfaces
- Expansion slots

SOFTWARE APPLIANCE SPECIFICATIONS

ND-V805	
Hypervisor (Private Cloud) supported	Nutanix AHV, OpenStack KVM, and VMWare ESXi
Public Cloud platform supported	Amazon Web Services, and Microsoft Azure

ND-V1405	
Hypervisor (Private Cloud) supported	Nutanix AHV, OpenStack KVM, and VMWare ESXi
Public Cloud platform supported	Amazon Web Services, and Microsoft Azure

ND-V2205	
Hypervisor (Private Cloud) supported	Nutanix AHV, OpenStack KVM, and VMWare ESXi
Public Cloud platform supported	Amazon Web Services, and Microsoft Azure

ND-V4005	
Hypervisor (Private Cloud) supported	Nutanix AHV, OpenStack KVM, and VMWare ESXi
Public Cloud platform supported	Amazon Web Services, and Microsoft Azure

* Some of these platforms may support a subset of these appliances. Please contact your account representative for more details.

PHYSICAL APPLIANCE SPECIFICATIONS



ND-805	
Network Interfaces Options	<ul style="list-style-type: none"> Two 10/100/1000 Base-T Ethernet (LAN ports) One 10/100/1000 Base-T Ethernet (HA port) One 10/100/1000 Base-T Ethernet (MGMT port)
Lights Out Management (LOM)	<ul style="list-style-type: none"> One 10/100/1000 Base-T Ethernet LOM port, IPMI 2.0 compliant Supports IPv4
Serial Port	DB-9 (9600/8n1, Xon/Xoff)
USB Ports	One USB 3.0/2.0 compliant
LCD Panel	NA
Unit Identification	Front and back
AC Power Supply (SKU Option)	<ul style="list-style-type: none"> One internal fixed PSU Input voltage: 100–240 VAC switchable 47–63 Hz Output power: 350W
DC Power Supply	N/A
Chassis Ground	Included (ground lug)
Disk and Fans	<ul style="list-style-type: none"> Three fixed fans One fixed disk drive System on flash
Operating Temperature	<ul style="list-style-type: none"> 41°F to 95°F (5°C to 35°C) 5% to 95% relative humidity, non-condensing
Storage Temperature	<ul style="list-style-type: none"> -40°F to 122°F (-40°C to 50°C) 5% to 95% relative humidity, non-condensing
Dimensions and Weight	<ul style="list-style-type: none"> Enclosure: 1U, 19 in., rack mountable Height: 44 mm (1.73 in.); 1 rack unit Width: 441 mm (17.36 in.) Depth: 522 mm (20.55 in.) Weight: Approximately 17 lbs (7.71 kg)
Rail Kit	Choice of 2-post, up-to-600 mm 4-post, or 600–900 mm 4-post
Certification	<ul style="list-style-type: none"> Safety: FCC, CE, TUV, CB, VCCI, C-Tick, KCC, CCC, NOM, BIS, and GOST Environmental: WEEE and RoHS
Support	Standard warranty includes 90-day software support with one-year hardware support; upgradable

ND-1405	
Network Interfaces Options	<ul style="list-style-type: none"> Two 10/100/1000 Base-T Ethernet (LAN ports) One 10/100/1000 Base-T Ethernet (HA port) One 10/100/1000 Base-T Ethernet (MGMT port) NIC Card: No card, 1GE or 10GE NIC Transceiver: Four 1GE SFP or 1GE/10GE SFP+ interfaces*
Lights Out Management (LOM)	<ul style="list-style-type: none"> One 10/100/1000 Base-T Ethernet LOM port; IPMI 2.0 compliant Supports IPv4
Serial Port	DB-9 (9600/8n1, Xon/Xoff)
USB Ports	One USB 3.0/2.0 compliant (reserved for future use)
LCD Panel	NA
Unit Identification	Front and back
AC Power Supply (SKU Option)	<ul style="list-style-type: none"> Two hot-swappable AC PSUs Input voltage: 100–240 VAC switchable, 50–60 Hz Output power: 600W
DC Power Supply (SKU Option for Telco Use Only)	<ul style="list-style-type: none"> One hot-swappable PSU Optional second hot-swappable redundant PSU Input voltage: -32 to -72VDC, 600W
Chassis Ground	Included (ground lug)
Disk and Fans	<ul style="list-style-type: none"> Six fixed fans Two field-replaceable hard drives System on flash
Operating Temperature	<ul style="list-style-type: none"> 41°F to 95°F (5°C to 35°C) 5% to 95% relative humidity, non-condensing
Storage Temperature	<ul style="list-style-type: none"> -40°F to 122°F (-40°C to 50°C) 5% to 95% relative humidity, non-condensing
Dimensions and Weight	<ul style="list-style-type: none"> Enclosure: 1U, 19 in., rack mountable Height: 44 mm (1.73 in.); 1 rack unit Width: 441 mm (17.36 in.) Depth: 547 mm (21.54 in.) Weight: Approximately 20 lbs (9.07 kg)
Rail Kit	Choice of 2-post, up-to-600 mm 4-post, or 600–900 mm 4-post
Certification	<ul style="list-style-type: none"> Safety: FCC, CE, TUV, CB, VCCI, C-Tick, KCC, CCC, NOM, BIS, and EAC Environmental: WEEE and RoHS
Support	Standard warranty includes 90-day software support with one-year hardware support; upgradable

* Since some models do not support SFP (Small Form-Factor Pluggable) interfaces, and some platforms may support a subset of appliances, please confirm compatibility with your account team or Infoblox Support.



ND-2205	
Network Interfaces Options	<ul style="list-style-type: none"> Two 10/100/1000 Base-T Ethernet (LAN ports) One 10/100/1000 Base-T Ethernet (HA port) One 10/100/1000 Base-T Ethernet (MGMT port) NIC Card: No card, 1GE or 10GE NIC Transceiver: Four 1GE SFP or 1GE/10GE SFP+ interfaces*
Lights Out Management (LOM)	<ul style="list-style-type: none"> One 10/100/1000 Base-T Ethernet LOM port; IPMI 2.0 compliant Supports IPv4
Serial Port	DB-9 (9600/8n1, Xon/Xoff)
USB Ports	One USB 3.0/2.0 compliant (reserved for future use)
LCD Panel	NA
Unit Identification	Front and back
AC Power Supply (SKU Option)	<ul style="list-style-type: none"> Two hot-swappable PSUs Input voltage: 100-240 VAC switchable, 50-60 Hz. Output power: 600W
DC Power Supply (SKU Option for Telco Use Only)	<ul style="list-style-type: none"> Two hot-swappable PSUs Input: -32VDC to -72VDC; 600W
Chassis Ground	Included (ground lug)
Disk and Fans	<ul style="list-style-type: none"> Six hot-swappable, redundant fans Four hot-swappable, redundant disks RAID-10 System on flash
Operating Temperature	<ul style="list-style-type: none"> 41°F to 95°F (5°C to 35°C) 5% to 95% relative humidity, non-condensing
Storage Temperature	<ul style="list-style-type: none"> -40°F to 122°F (-40°C to 50°C) 5% to 95% relative humidity, non-condensing
Dimensions and Weight	<ul style="list-style-type: none"> Enclosure: 2U, rack mountable Height: 88 mm (3.46 in.); 2 rack units Width: 441 mm (17.36 in.) Depth: 547 mm (21.54 in.) Weight: Approximately 29 lbs (13.15 kg)
Rail Kit	Choice of 2-post, up-to-600 mm 4-post, or 600-900 mm 4-post
Certification	<ul style="list-style-type: none"> Safety: FCC, CE, TUV, CB, VCCI, C-Tick, KCC, CCC, NOM, BIS, and EAC Environmental: WEEE and RoHS
Support	Standard warranty includes 90-day software support with one-year hardware support; upgradable

ND-4005	
Network Interfaces Options	<ul style="list-style-type: none"> Two 10/100/1000 Base-T Ethernet (LAN ports) One 10/100/1000 Base-T Ethernet (HA port) One 10/100/1000 Base-T Ethernet (MGMT port) NIC Card: No card, 1GE or 10GE NIC Transceiver: Four 1GE SFP or 1GE/10GE SFP+ interfaces*
Lights Out Management (LOM)	One 10/100/1000 Base-T Ethernet LOM port; IPMI 2.0 compliant
Serial Port	DB-9 (9600/8n1, Xon/Xoff)
USB Ports	Six USB 2.0/1.1 compliant (reserved for future use)
LCD Panel	NA
Unit Identification	Front and back
AC Power Supply (SKU Option)	<ul style="list-style-type: none"> Two hot-swappable AC PSUs Input voltage: 100-240 VAC, 50-60 Hz Output power: 600W
DC Power Supply (SKU Option for Telco Use Only)	<ul style="list-style-type: none"> Two hot-swappable PSUs Input: -32VDC to -72VDC; 600W
Disk and Fans	<ul style="list-style-type: none"> Four or six (four for AC model, six for DC/NEBS model) hot-swappable, redundant fans Four hot-swappable, redundant disks RAID-10
Operating Temperature	<ul style="list-style-type: none"> 50°F to 95°F (10°C to 35°C) 10% to 90% non-condensing
Storage Temperature	<ul style="list-style-type: none"> -22°F to 140°F (-30°C to 60°C) 10% to 90% non-condensing
Dimensions and Weight	<ul style="list-style-type: none"> Enclosure: 2U, rack mountable Height: 88 mm (3.46 in.); 2 rack units Width: 441 mm (17.36 in.) Depth: 547 mm (21.54 in.) Weight: Approximately 29 lbs (13.15 kg)
Rail Kit	Choice of 2-post, up-to-600 mm 4-post, or 600-900 mm 4-post
Certification	<ul style="list-style-type: none"> Safety: FCC, CE, TUV, CB, VCCI, C-Tick, KCC, CCC, NOM, BIS, and EAC Environmental: WEEE and RoHS
Support	Standard warranty includes 90-day software support with one-year hardware support; upgradable

* Since some models do not support SFP (Small Form-Factor Pluggable) interfaces, and some platforms may support a subset of appliances, please confirm compatibility with your account team or Infoblox Support.



Infoblox unites networking and security to deliver unmatched performance and protection. Trusted by Fortune 100 companies and emerging innovators, we provide real-time visibility and control over who and what connects to your network, so your organization runs faster and stops threats earlier.

Corporate Headquarters
2390 Mission College Blvd, Ste. 501
Santa Clara, CA 95054

+1.408.986.4000
www.infoblox.com

