

# Infoblox Network Automation Appliances

## SECURITY-HARDENED APPLIANCES FOR NETWORK CHANGE AND CONFIGURATION MANAGEMENT

Infoblox appliances are purpose-built, high-performance hardware devices that form the foundation of Infoblox network infrastructure control and automation solutions.

Appliance platforms provide the key benefits of performance, reliability, resiliency and manageability in a network infrastructure deployment. Infoblox designs and manufactures the purpose-built appliances for optimum performance and reliability. Infoblox appliances are built specifically for network services and have no extraneous hardware interfaces—such as keyboards, monitors, or mouse ports or CD drives—making them the only true network change and configuration management appliances available. The custom chassis was designed to meet the most stringent enterprise and governmental security requirements.

Appliance-based delivery of IP network services is a recommended industry best practice for any size organization. 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 for optimal service resiliency.

## A SCALABLE FAMILY OF HARDWARE AND SOFTWARE APPLIANCES

The Infoblox Network Automation 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.

The Network Insight appliance family offers deployment flexibility as physical appliances or virtual appliances on-premise. The 1400 series is for larger remote and branch locations, as well as small-to-medium sized organizations. The 2200 is for medium to large organizations, while the 4000 appliance is for use by large enterprises and service providers.

### VIRTUAL APPLIANCES

- Virtual appliances supported on various hypervisor 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

VIRTUAL APPLIANCE SPECIFICATIONS

NT-V-MRI			
Deployment	Max Licensed Devices	Max Discovered Devices	Max Interfaces/ SPM Ports
Standalone/ collector	7,500	375,000	375,000
Operations Center	30,000	1,500,000	1,500,000

NT-V-MRI Appliance	
Hypervisor (Private Cloud) supported	VMWare ESXi
Public Cloud platform supported	None

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

**Power Efficiency**

- Lower power consumption
- Supports for the Go Green initiative

**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

## INFOBLOX NETWORK AUTOMATION APPLIANCE SPECIFICATIONS



NT-/IB-800	
<b>Network Interfaces Options</b>	<ul style="list-style-type: none"> <li>Two 10/100/1000 Base-T Ethernet (LAN ports)</li> <li>One 10/100/1000 Base-T Ethernet (HA port)</li> <li>One 10/100/1000 Base-T Ethernet (MGMT port)</li> </ul>
<b>Lights Out Management (LOM)</b>	<ul style="list-style-type: none"> <li>One 10/100/1000 Base-T Ethernet LOM port, IPMI 2.0 compliant</li> <li>Supports IPv4</li> </ul>
<b>Serial Port</b>	DB-9 (9600/8n1, Xon/Xoff)
<b>USB Ports</b>	One USB 3.0/2.0 compliant
<b>LCD Panel</b>	NA
<b>Unit Identification</b>	Front and back
<b>AC Power Supply</b>	<ul style="list-style-type: none"> <li>One internal fixed PSU</li> <li>Input voltage: 100–240 VAC switchable 47–63 Hz</li> <li>Output power: 350W</li> </ul>
<b>DC Power Supply</b>	N/A
<b>Chassis Ground</b>	Included (ground lug)
<b>Disk and Fans</b>	<ul style="list-style-type: none"> <li>Three fixed fans</li> <li>One fixed disk drive</li> <li>System on flash</li> </ul>
<b>Operating Temperature</b>	<ul style="list-style-type: none"> <li>41°F to 95°F (5°C to 35°C)</li> <li>5% to 95% relative humidity, non-condensing</li> </ul>
<b>Storage Temperature</b>	<ul style="list-style-type: none"> <li>–40°F to 122°F (–40°C to 50°C)</li> <li>5% to 95% relative humidity, non-condensing</li> </ul>
<b>Dimensions and Weight</b>	<ul style="list-style-type: none"> <li>Enclosure: 1U, 19 in., rack mountable</li> <li>Height: 44 mm (1.73 in.); 1 rack unit</li> <li>Width: 441 mm (17.36 in.)</li> <li>Depth: 522 mm (20.55 in.)</li> <li>Weight: Approximately 17 lbs (7.71 kg)</li> </ul>
<b>Rail Kit</b>	Choice of 2-post, up-to-600 mm 4-post, or 600–900 mm 4-post
<b>Certification</b>	<ul style="list-style-type: none"> <li>Safety: FCC, CE, TUV, CB, VCCI, C-Tick, KCC, CCC, NOM, BIS and GOST</li> <li>Environmental: WEEE and RoHS</li> </ul>
<b>Support</b>	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.

NT-/IB-1400	
<b>Network Interfaces Options</b>	<ul style="list-style-type: none"> <li>Two 10/100/1000 Base-T Ethernet (LAN ports)</li> <li>One 10/100/1000 Base-T Ethernet (HA port)</li> <li>One 10/100/1000 Base-T Ethernet (MGMT port)</li> <li>NIC Card: No card, 1GE or 10GE NIC</li> <li>Transceiver: Four 1GE SFP or 1GE/10GE SFP+ interfaces*</li> </ul>
<b>Lights Out Management (LOM)</b>	<ul style="list-style-type: none"> <li>One 10/100/1000 Base-T Ethernet LOM port; IPMI 2.0 compliant</li> <li>Supports IPv4</li> </ul>
<b>Serial Port</b>	DB-9 (9600/8n1, Xon/Xoff)
<b>USB Ports</b>	One USB 3.0/2.0 compliant (reserved for future use)
<b>LCD Panel</b>	Small form factor, Color
<b>Unit Identification</b>	Front and back
<b>AC Power Supply (SKU Option)</b>	<ul style="list-style-type: none"> <li>One hot-swappable PSU</li> <li>Optional second hot-swappable edundant PSU</li> <li>Input voltage: 100–240 VAC switchable, 50–60 Hz</li> <li>Output power: 400W</li> </ul>
<b>DC Power Supply (SKU Option for Telco Use Only)</b>	<ul style="list-style-type: none"> <li>One hot-swappable PSU</li> <li>Optional second hot-swappable redundant PSU</li> <li>Input voltage: –44 to –65VDC, 400W</li> </ul>
<b>Chassis Ground</b>	Included (ground lug)
<b>Disk and Fans</b>	<ul style="list-style-type: none"> <li>Six fixed fans</li> <li>Two field-replaceable hard drives</li> <li>System on flash</li> </ul>
<b>Operating Temperature</b>	<ul style="list-style-type: none"> <li>41°F to 95°F (5°C to 35°C)</li> <li>5% to 95% relative humidity, non-condensing</li> </ul>
<b>Storage Temperature</b>	<ul style="list-style-type: none"> <li>–40°F to 122°F (–40°C to 50°C)</li> <li>5% to 95% relative humidity, non-condensing</li> </ul>
<b>Dimensions and Weight</b>	<ul style="list-style-type: none"> <li>Enclosure: 1U, 19 in., rack mountable</li> <li>Height: 44 mm (1.73 in.); 1 rack unit</li> <li>Width: 441 mm (17.36 in.)</li> <li>Depth: 547 mm (21.54 in.)</li> <li>Weight: Approximately 20 lbs (9.07 kg)</li> </ul>
<b>Rail Kit</b>	Choice of 2-post, up-to-600 mm 4-post, or 600–900 mm 4-post
<b>Certification</b>	<ul style="list-style-type: none"> <li>Safety: FCC, CE, TUV, CB, VCCI, C-Tick, KCC, CCC, NOM, BIS, and EAC</li> <li>Environmental: WEEE and RoHS</li> </ul>
<b>Support</b>	Standard warranty includes 90-day software support with one-year hardware support; upgradable



NT-/IB-2200	
<b>Network Interfaces Options</b>	<ul style="list-style-type: none"> <li>Two 10/100/1000 Base-T Ethernet (LAN ports)</li> <li>One 10/100/1000 Base-T Ethernet (HA port)</li> <li>One 10/100/1000 Base-T Ethernet (MGMT port)</li> <li>NIC Card: No card, 1GE or 10GE NIC</li> <li>Transceiver: Four 1GE SFP or 1GE/10GE SFP+ interfaces*</li> </ul>
<b>Lights Out Management (LOM)</b>	<ul style="list-style-type: none"> <li>One 10/100/1000 Base-T Ethernet LOM port; IPMI 2.0 compliant</li> <li>Supports IPv4</li> </ul>
<b>Serial Port</b>	DB-9 (9600/8n1, Xon/Xoff)
<b>USB Ports</b>	One USB 3.0/2.0 compliant (reserved for future use)
<b>LCD Panel</b>	Small Form Factor, Color
<b>Unit Identification</b>	Front and back
<b>AC Power Supply (SKU Option)</b>	<ul style="list-style-type: none"> <li>Two hot-swappable PSUs</li> <li>Input voltage: 100–240 VAC switchable, 50–60 Hz</li> <li>Output power: 950W</li> </ul>
<b>DC Power Supply (SKU Option for Telco Use Only)</b>	<ul style="list-style-type: none"> <li>Two hot-swappable AC PSUs</li> <li>Input voltage: -44 to -65VDC, 950W</li> </ul>
<b>Chassis Ground</b>	Included (ground lug)
<b>Disk and Fans</b>	<ul style="list-style-type: none"> <li>Six hot-swappable, redundant fans</li> <li>Four hot-swappable, redundant disks RAID-10</li> <li>System on flash</li> </ul>
<b>Operating Temperature</b>	<ul style="list-style-type: none"> <li>41°F to 95°F (5°C to 35°C)</li> <li>5% to 95% relative humidity, non-condensing</li> </ul>
<b>Storage Temperature</b>	<ul style="list-style-type: none"> <li>-40°F to 122°F (-40°C to 50°C)</li> <li>5% to 95% relative humidity, non-condensing</li> </ul>
<b>Dimensions and Weight</b>	<ul style="list-style-type: none"> <li>Enclosure: 2U, rack mountable</li> <li>Height: 88 mm (3.46 in.); 2 rack units</li> <li>Width: 441 mm (17.36 in.)</li> <li>Depth: 547 mm (21.54 in.)</li> <li>Weight: Approximately 29 lbs (13.15 kg)</li> </ul>
<b>Rail Kit</b>	Choice of 2-post, up-to-600 mm 4-post, or 600–900 mm 4-post
<b>Certification</b>	<ul style="list-style-type: none"> <li>Safety: FCC, CE, TUV, CB, VCCI, C-Tick, KCC, CCC, NOM, BIS, and EAC</li> <li>Environmental: WEEE and RoHS</li> </ul>
<b>Support</b>	Standard warranty includes 90-day software support with one-year hardware support; upgradable



NT-/IB-4000	
<b>Network Interfaces Options</b>	<ul style="list-style-type: none"> <li>Two 10/100/1000 Base-T Ethernet (LAN ports)</li> <li>One 10/100/1000 Base-T Ethernet (HA port)</li> <li>One 10/100/1000 Base-T Ethernet (MGMT port)</li> <li>NIC Card: No card, 1GE or 10GE NIC</li> <li>Transceiver: Four 1GE SFP or 1GE/10GE SFP+ interfaces*</li> </ul>
<b>Lights Out Management (LOM)</b>	<ul style="list-style-type: none"> <li>One 10/100/1000 Base-T Ethernet LOM port; IPMI 2.0 compliant</li> <li>Supports IPv4</li> </ul>
<b>Serial Port</b>	DB-9 (9600/8n1, Xon/Xoff)
<b>USB Ports</b>	One USB 3.0/2.0 compliant (reserved for future use)
<b>LCD Panel</b>	NA
<b>Unit Identification</b>	Front and back
<b>AC Power Supply (SKU Option)</b>	<ul style="list-style-type: none"> <li>Two hot-swappable AC PSU</li> <li>Input voltage: 100–240 VAC, switcheable 50–60 Hz</li> <li>Output power: 750W</li> </ul>
<b>DC Power Supply (SKU Option for Telco Use Only)</b>	<ul style="list-style-type: none"> <li>One hot-swappable PSU</li> <li>Optional second hot-swappable redundant PSU</li> <li>Input voltage: -44 to -65VDC, 750W</li> </ul>
<b>Chassis Ground</b>	Included (ground lug)
<b>Disk and Fans</b>	<ul style="list-style-type: none"> <li>Six hot-swappable, redundant fans</li> <li>Four hot-swappable, redundant disks RAID-10</li> <li>System on flash</li> </ul>
<b>Operating Temperature</b>	<ul style="list-style-type: none"> <li>41°F to 95°F (5°C to 35°C)</li> <li>5% to 95% relative humidity, non-condensing</li> </ul>
<b>Storage Temperature</b>	<ul style="list-style-type: none"> <li>-40°F to 122°F (-40°C to 50°C)</li> <li>5% to 95% relative humidity, non-condensing</li> </ul>
<b>Dimensions and Weight</b>	<ul style="list-style-type: none"> <li>Enclosure: 1U, 19 in., rack mountable</li> <li>Height: 44 mm (1.73 in.); 1 rack units</li> <li>Width: 441 mm (17.36 in.)</li> <li>Depth: 547 mm (21.54 in.)</li> <li>Weight: Approximately 20 lbs (9.07 kg)</li> </ul>
<b>Rail Kit</b>	Choice of 2-post, up-to-600 mm 4-post, or 600–900 mm 4-post
<b>Certification</b>	<ul style="list-style-type: none"> <li>Safety: FCC, CE, TUV, CB, VCCI, C-Tick, KCC, CCC, NOM, BIS, and EAC</li> <li>Environmental: WEEE and RoHS</li> </ul>
<b>Support</b>	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.

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