

# Infoblox Next Level Advanced DNS Protection Appliances

## 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

### 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

## Security-hardened appliances to protect your DNS

Infoblox Advanced Appliances are purpose-built, high-performance hardware devices that form the foundation of Infoblox security and networking solutions. When integrated with Infoblox Advanced DNS Protection (ADP), the solution offers the widest range of DNS protection against DNS attacks including volumetric, exploits, DNS tunneling, NXDOMAIN, and DNS hijacking attacks, as well as DHCP attacks such as malformed DHCP requests. The solution intelligently detects and drops these attacks while responding to legitimate traffic. Moreover, it uses automatic threat intelligence feeds to continually update protection against new and evolving threats as they emerge without the need for patching. The Advanced Appliances leverage dedicated network packet-inspection hardware for threat mitigation. This filters attacks and allows only legitimate traffic through to the DNS/DHCP server application, enabling DNS/DHCP services to function even when under attack. This solution offers full IPv6 support for both authoritative and caching and for DNSSEC and new reports. Thus, Infoblox provides Tier 1 foundation with five 9s availability, resulting in next level reliability.

Infoblox designs and manufactures the purpose-built Advanced Appliances for optimum performance, reliability, and manageability and meets the most stringent enterprise and governmental security requirements. Infoblox offers a wide range of models that are designed to deliver the security performance and capacity required in each unique environment, from branch office to large-enterprise and service-provider networks.



All models can be deployed individually or in a high-availability (HA) pair distributed architecture, leveraging Infoblox Grid™ for optimal service resiliency.

Appliance-based delivery of IP network services and reporting has become 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.

The Infoblox Advanced 1405 and 2205 appliances support Lights Out Management (LOM) for remote site communication and management, feature a Unit Identification button/LED, and utilize the latest technology for achieving energy efficiency.

The Advanced 1405 series is for larger remote and branch locations, as well as small-to-medium sized organizations. The Advanced 2205 is for medium to large organizations.

## PT-XXX5 Next Level advanced DNS Protection Appliance Specifications



PT-1405	
<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>• One hot-swappable PSU</li> <li>• Optional second hot-swappable redundant PSU</li> <li>• Input voltage: 100-240VAC switchable 50- 60Hz</li> <li>• Output power: 600W</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: -32 to -72VDC, 600W</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

PT-2205	
<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 redundant PSUs</li> <li>• Input voltage: 100-240VAC switchable 50- 60Hz</li> <li>• Output power: 600W</li> </ul>
<b>DC Power Supply (SKU Option for Telco Use Only)</b>	<ul style="list-style-type: none"> <li>• Two hot-swappable redundant PSUs</li> <li>• Input voltage: -32 to -72VDC, 600W</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: 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

\* 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 Product Warranty and Services:** The standard hardware warranty is for a period of one year. The system software has 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.

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