

## DATASHEET

# Infoblox Next Level Trinzic Enterprise DDI Appliances

### VIRTUAL APPLIANCES

- Support virtual appliances on various hybrid multi-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

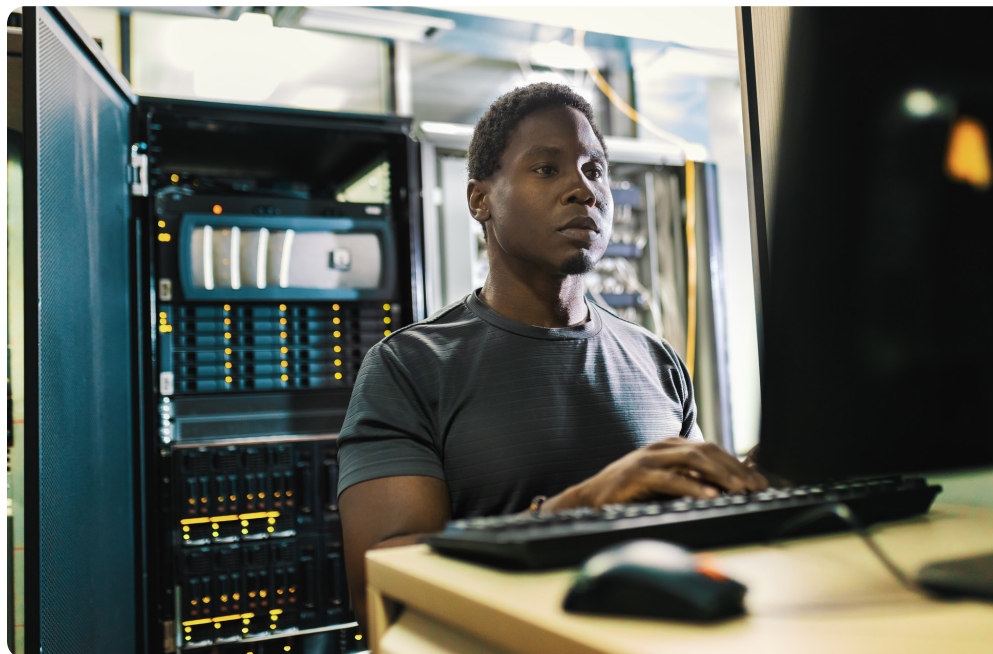
#### Advanced Requirements

- 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

### Next Level Trinzic Appliances Enable Network Transformation

Hybrid technologies are driving network transformation. With greater direct access to cloud applications from everywhere, the enterprise cloud is the new network. Policy-driven, software-defined networks with virtualized functionality are enabling remote offices and users at the network edge. BYOD mobility and IoT are skyrocketing, making network scalability and security an ever-increasing challenge.

Infoblox Next Level Networking delivers a platform with all the capabilities you need to see, secure, analyze and manage your network. At the center of the Infoblox platform are the Next Level Trinzic XXX5 physical and virtual appliances, the latest generation of reliable, security-hardened, automated, distributed, high-availability and easy-to-manage machines that power core network services, security, cloud and value-added solutions. These machines deliver the speed, capacity and functionality necessary to get the most from emerging digital technologies. They support the latest network drivers and features, deploy services without degrading DDI performance and enable portability to help you adapt to dynamic business requirements. Next Level Trinzic XXX5 appliances improve visibility, security, reliability and performance across the data center, hybrid multi-cloud and branch offices to the very edge of your network.



The Next Level Trinzic XXX5 appliances can be deployed individually or in a high-availability (HA) pair distributed architecture, leveraging Infoblox Grid for optimal service resiliency. They support lights-out management (LOM) for remote site communication and management, feature a unit identification button/ LED and use the latest technology for achieving energy efficiency.

Appliance-based delivery of IP network services is an industry best practice, and it is inherently more reliable, secure, scalable and manageable than software running on general-purpose servers whose well-understood operating systems are more easily compromised.

## A Scalable Family of Hardware and Software Appliances

The Next Level Trinzic 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 Next Level Trinzic appliance family offers deployment flexibility. Appliances can be deployed as physical members, virtual members on-premises, or as virtual members in public clouds, such as Amazon Web Services (AWS), Google Cloud Platform (GCP) and Microsoft Azure.

In a virtualized environment, servers are created, moved and shut down frequently. IT workload increases to configure and manage IP assignments and DNS records. Infoblox DNS, DHCP and IPAM solutions provide management automation to reduce administrative effort and eliminate human errors that can cause application availability problems.

The Next Level Trinzic 8X5 series appliances are designed for remote and branch locations. The 14X5 and 22X5 series are for larger remote and branch locations, as well as small and medium-size organizations. The 40X5 series is for use by large enterprises and carriers.

Infoblox Next Level Trinzic Appliance Performance								
	8X5 Chassis		14X5 Chassis		22X5 Chassis		40X5 Chassis	
	Trinzic 815	Trinzic 825	Trinzic 1415	Trinzic 1425	Trinzic 2215	Trinzic 2225	Trinzic 4015	Trinzic 4025
DNS Queries per Second*	6K	22.5K	45K	75K	90K	200K	300K	300K
DHCP Leases per Second*	90	150	300	450	550	900	1400	1400
Hardware Redundancy	N/A		Optional second power supply, hot-swappable redundant. Field-replaceable hard disk		Hot-swappable, redundant power supplies, fans and four disks RAID-10			
Virtual Appliances Supported	Yes		Yes		Yes			

The stated performance numbers are for reference only. They represent the results of lab testing in a controlled environment focused on individual protocol services. Enabling additional protocols, services, cache hit ratio for recursive DNS and customer environment variables will affect performance. To design and size a solution for a production environment, please contact your local Infoblox Systems Engineer.

## Virtual Appliance Specifications

TE-805 Virtual Appliances	
Hypervisor (Private Cloud) supported	MS Hyper-V, Nutanix AHV, OpenStack KVM, and VMWare ESXi
Public Cloud platform supported	AWS, GCP, and MS Azure

TE-2205 Virtual Appliances	
Hypervisor (Private Cloud) supported	MS Hyper-V, Nutanix AHV, OpenStack KVM and VMWare ESXi
Public cloud platform supported	AWS, GCP, and MS Azure

TE-4015 Virtual Appliances	
Hypervisor (private cloud) supported	MS Hyper-V, Nutanix AHV, OpenStack KVM and VMWare ESXi
Public cloud platform supported	AWS, GCP and MS Azure

TE-1405 Virtual Appliances	
Hypervisor (Private Cloud) supported	MS Hyper-V, Nutanix AHV, OpenStack KVM and VMWare ESXi
Public cloud platform supported	AWS, GCP and MS Azure

TE-4005 Virtual Appliances	
Hypervisor (Private Cloud) supported	MS Hyper-V, Nutanix AHV, OpenStack KVM and VMWare ESXi
Public Cloud platform supported	AWS, GCP, and MS Azure

TE-4025 Virtual Appliances	
Hypervisor (private cloud) supported	MS Hyper-V, Nutanix AHV, OpenStack KVM and VMWare ESXi
Public cloud platform supported	GCP and MS Azure

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

## Infoblox Next Level Trinziq Appliance Specifications



TE-805	
<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

TE-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>• Two hot-swappable PSUs</li> <li>• Input voltage: 100–240 VAC switchable, 50–60 Hz</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

\* 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.



TE-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 PSUs</li> <li>• Input voltage: 100-240 VAC switchable, 50-60 Hz.</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 PSUs</li> <li>• Input: -32VDC 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 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

TE-4005	
<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> </ul>
<b>Serial Port</b>	DB-9 (9600/8n1, Xon/Xoff)
<b>USB Ports</b>	Six USB 2.0/1.1 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 PSUs</li> <li>• Input voltage: 100–240 VAC, 50–60 Hz</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 PSUs</li> <li>• Input: -32VDC to -72VDC; 600W</li> </ul>
<b>Chassis Ground</b>	Included (ground lug)
<b>Disk and Fans</b>	<ul style="list-style-type: none"> <li>• Four or six (four for AC model, six for DC/NEBS model) hot-swappable, redundant fans</li> <li>• Four hot-swappable, redundant disks RAID-10</li> </ul>
<b>Operating Temperature</b>	<ul style="list-style-type: none"> <li>• 50°F to 95°F (10°C to 35°C)</li> <li>• 10% to 90% non-condensing</li> </ul>
<b>Storage Temperature</b>	<ul style="list-style-type: none"> <li>• -22°F to 140°F (-30°C to 60°C)</li> <li>• 10% to 90% 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



Infoblox is the leader in modern, cloud-first networking and security services. Through extensive integrations, its solutions empower organizations to realize the full advantages of cloud networking today, while maximizing their existing infrastructure investments. Infoblox has over 12,000 customers, including 70 percent of the Fortune 500.

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

+1.408.986.4000 | [info@infoblox.com](mailto:info@infoblox.com) | [www.infoblox.com](http://www.infoblox.com)

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