Trinzic DDI Overview

Infoblox
CONTROL YOUR NETWORK

Infoblox Solution Benefits

- Massively scalable, highly available, secure, fault-tolerant and the most widely deployed DNS, DHCP and IP address management solution

- Centralized management and support for both IPv4 and IPv6 networks

- Support for virtualization through IP discovery, management of virtual machines and integration with VMware

- Built-in support for DNS, DNS-SEC, DHCP, FTP, TFTP, HTTP, HTTPS and NTP

- Automated failover and disaster recovery mechanisms

- Centralized, collaborative management of both Infoblox and Microsoft DNS and DHCP services

- Synchronization of all devices via a shared distributed database through the Grid

- Efficient network discovery and automated IP address management (IPAM)

- One-click system-wide software patching and upgrades

- Hardened OS, available on physical or virtual appliances, to reduce vulnerability of network attacks

Integrated DNS, DHCP and IP Address Management (DDI), with Massive Scalability and Automation

The explosion of IP addresses and the rapid transitions to IPv6, virtualization and cloud computing — not to mention the onslaught of new networking and personal devices (such as smart phones and tablets) — have put extreme pressure on IT to deliver network services that are automated, scalable and always on. Tracking IP addresses by spreadsheets and/or relying on vulnerable server-based DNS/DHCP services are not realistic options anymore. The solution to these problems is a combination of integrated, highly scalable, fault tolerant, 24x7-available DNS, DHCP and IP Address Management.

Active DDI

Infoblox Trinzic DDI™ is the world's leading appliance-based, integrated DNS, DHCP and IP Address Management (DDI) product. Trinzic DDI employs state-of-the-art IP address management and automated error-checking technologies that are seamlessly integrated with Microsoft DNS/DHCP servers, and supports the Infoblox Grid™ architecture that enables the most advanced, highly available, fault tolerant and scalable solution in the world. With Trinzic DDI you can leverage your existing investments in Microsoft, while simultaneously incorporating collaborative IP address management and ensuring 99.999% network services uptime. We call this trend of automation, scale, real-time visualization, performance and integration "Active DDI," which only Infoblox offers. "Active DDI" is the heart of Trinzic DDI and incorporates dynamic, automated control of network services to ensure non-stop operation.

Key Benefits

- **Automate** with the integration of advanced DNS, DHCP and IP address management and powerful visualization
- **Ensure** unparalleled security and reliability
- **Meet** business goals with massive scalability and always on availability
- **Conquer** the challenges of IPv6, virtualization, cloud transition and growth
- **Leverage** your existing investment and integrate seamlessly with Microsoft DNS and DHCP services

Automate with the Integration of Advanced DNS, DHCP and IP Address Management and powerful Visualization

Infoblox Trinzic DDI is the industry's leading appliance-based, integrated DNS, DHCP and IP Address Management product. This single appliance integration between DNS, DHCP and other network servicwwTP, HTTP, and others provide a single pane of glass view into your network services in real-time. Through this "single pane of glass" you can view and examine your network in detail and in real time, giving you the ability to make decisions about issues as they happen.

Trinzic DDI Overview

Visual IPAM tools enhance visibility and simplify administration

Ensure Unparalleled Security and Reliability

With support for DNSSEC and security in the Infoblox appliances and their connections, Trinzic DDI ensures an unparalleled peace of mind. Secure, role-based administration and self-service components, as well as a hardened OS to prevent root access, are part of the Trinzic DDI security suite. As a member of CERT, Infoblox has advance notice of new threats, and issues easy updates and security patches immediately for instantaneous response to any new vulnerabilities.

DNSSEC adds digital signatures to normal DNS queries to significantly reduce certain types of network attacks

Trinzic DDI Overview

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®
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Meet Business Goals with Massive Scalability and Always On Availability

Trinzic DDI delivers massive scalability to cope with the vast proliferation of IP-based devices, web-based apps and the explosion of IPv6 addresses. Through unique and patented high availability Infoblox Grid™ technology, Trinzic DDI ensures network reliability and 24x7 operations. The Infoblox Grid provides resilient network services, failover, recovery and seamless maintenance for an Infoblox deployment inside a single building, across a networked campus or across geographical location. The Infoblox Grid establishes a distributed relationship between individual or paired appliances to remove single points of failure and other operational risks inherent in legacy DNS, DHCP and IP address management infrastructure.

Adding Infoblox Multi-Grid Management technology to Trinzic DDI enables the centralized management of multiple Grids, scalable to thousands of hosts, and includes visual representation of both IPv4 and IPv6 networks.
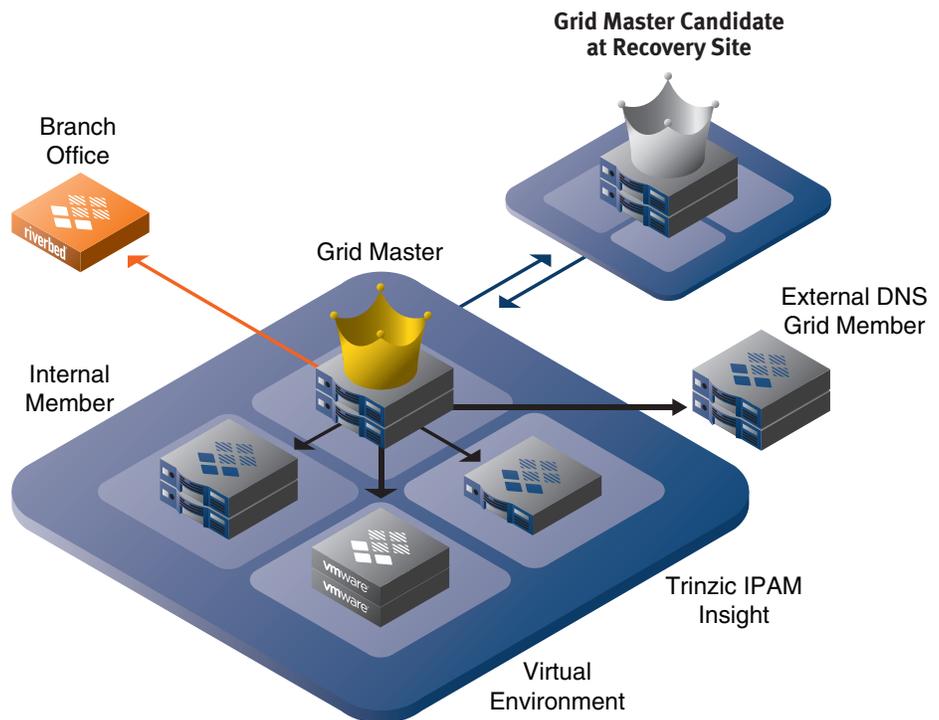
Infoblox ensures network reliability through unique and patented high availability Grid™ technology

Conquer the Challenges of IPv6, Virtualization, Cloud Transition and Growth

Trinzic DDI includes full support for IPv6 and related protocols, such as DHCP64 and NAT64, to enable a smooth transition to the next generation IP networking. Fully functional IPv6 services and management are part of the Trinzic DDI solution, as are services and management for dual-stack IPv4/IPv6.

With today's rapid transition from physical to virtual environments, Trinzic DDI leads the way by providing extensive support for virtualization through its ability to identify the IP addresses of virtual machines, the location and state of virtual switches and other related transitional information to help bridge the gap between the two environments.

Trinzic DDI Overview

IPAM discovers and shows detailed information about physical and virtual hosts

Leverage your existing investment and integrate seamlessly with Microsoft DNS and DHCP services

Trinzic DDI provides the capability for central management of both Infoblox appliances and Microsoft DNS and DHCP servers, which can lead to lower costs and a more efficient use of IT professionals' most valuable resource: time. Such a tightly integrated solution does not require any agent software on clients or servers because it uses native Microsoft RPC APIs to interface with Microsoft DNS and DHCP services. The solution automatically synchronizes all changes made by either Microsoft or Infoblox tool sets.

Centrally manage Microsoft DNS and DHCP servers with Infoblox IPAM for easier administration

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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