

DNS One Network Identity Appliance

Secure, simple, reliable appliance for scalable name resolution services.

OVERVIEW

The Domain Name System (DNS) has been relied upon for over two decades as a critical component of any business-networking infrastructure. In the face of IT consolidation and heightened concerns about security, network administrators require a degree of security, management, and reliability that legacy implementations cannot easily offer. Additionally, the rapid and continual evolution of DNS and its application as an integrated network identity service further emphasizes the importance of modernizing any DNS/DHCP service infrastructure.

DNS One appliances are designed to provide the foundation for next-generation network identity services in a secure and easy-to-manage form factor. The hardened appliance design and intuitive graphical user interface (GUI) simplify the application and administration of DNS and DHCP (Dynamic Host Configuration Protocol) in the network—whether the problem is protecting external name services, rapidly building out secondary or caching name servers, or provisioning branch offices cost-effectively.

BENEFITS AND FEATURES

DNS Security is Essential

Your DNS servers are a critical component of your network security infrastructure. Infoblox's appliance security protects these vital services by blocking all unnecessary open ports, restricting all user accounts, delivering "one-button" security patches, and removing all unused, exploitable features and code not needed to deliver flawless DNS/DHCP.

Simplified DNS/DHCP Makes Sense

The DNS One significantly reduces the headaches associated with provisioning DNS/DHCP and system management. As networks scale, managing these services easily becomes more and more critical. The DNS One appliance interoperates out-of-the-box with existing DNS architectures, and supports recent enhancements to DNS including Dynamic Update. An integrated DHCP server and seamless Active Directory support further streamline management. Advanced reporting tools provide the visibility and control that network administrator's need.

DNS Reliability is Crucial

DNS is the backbone of all IP-based network interactions. Without it, basic functions like email and web-browsing don't work—not to mention core IP-based business functionality. That's why

DNS One



Introducing the DNS One Appliance

- › Hardened appliance design for secure DNS/DHCP delivery
- › Administration of zones and networks via intuitive web-based GUI
- › Quick installation and DNS error-checking
- › Suited for all levels of DNS/DHCP administrators
- › Integrated DHCP for one-stop IP address management
- › One-click upgrades and customized monitoring of all BIND security alerts
- › True hardware and software redundancy
- › Advanced logging and reporting tools
- › On-board help and diagnostics

For More Information:

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DNS One Network Identity Appliance

Infoblox has created a highly evolved High Availability (HA) architecture and straightforward API that allow organizations to deploy a truly resilient and customizable DNS/DHCP architecture in the enterprise backbone and in remote sites.

A Better Approach to Scalability and Total Cost of Ownership

Infoblox delivers network identity appliances via hardened, distributed appliances. In addition to security, simplicity, and reliability gains, the appliance approach offers unmatched scalability and reduced total cost of ownership when compared with traditional, centralized software-based approaches.

APPLICATIONS

Secure External Name Servers

DNS One provides a hardened platform for use as an external authoritative name server or forwarder. It delivers high performance and high availability for busy, critical name servers.

Integrated DNS and DHCP Servers

For branch or remote offices, DNS One offers easy-to-deploy DNS and DHCP services with secure remote administration and fine-grained authorization for delegation of limited data management to local personnel.

Secondary and Caching-Only Name Servers

DNS One is a cost-effective approach to propagating zone data from a master host or caching frequently used records. It interoperates with any RFC-compliant DNS master server.

DHCP-Only Server

For applications like Voice over IP (VoIP) that require a DHCP server for address assignment and bootstrapping, DNS one is an ideal DHCP-only server. The appliance provides the DHCP options and high availability needed for this application.

Active Directory Support

DNS One offers a simple solution for serving DNS in Active Directory (AD) environments. It compliments AD with dynamic updates, SRV resource records, multiple administrative accounts, and user activity logging.

Replacing BIND Name Servers

DNS One delivers a practical, no-nonsense solution to the problem of replacing legacy BIND implementations running on high-maintenance open systems. The appliance provides a Perl-based API for integration into existing processes.



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