



Adonis™

DNS/DHCP Appliance

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Adonis Family of DNS and DHCP Appliances

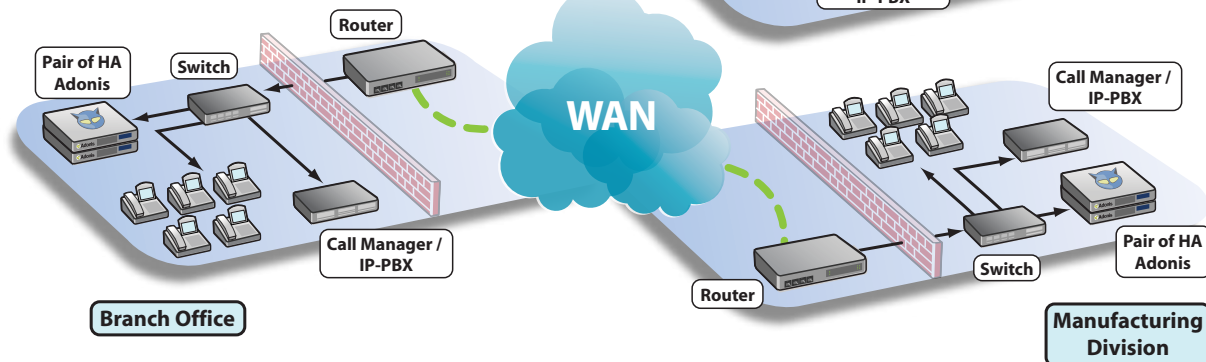
Adonis improves network performance, reduces complexity, and dramatically improves business continuity.

The award-winning line of Adonis DNS and DHCP appliances are used worldwide by customers of all sizes. Adonis appliances enable organizations to streamline the implementation and management of complex DNS and DHCP infrastructures in corporate IPv4 and IPv6 networks. Through an integrated approach, the Adonis family of appliances provides an end-to-end solution designed to grow with your business.

Adonis delivers:

- Wizard-driven setup and deployment
- Multi-level undo & redo; cut/copy/paste functionality
- Powerful built-in error checking for DNS and DHCP
- Advanced solutions for VoIP enabled networks
- Hardened Appliance OS with built-in Firewall for advanced protection
- XHA High Availability and DHCP failover for business continuity
- Certified by Microsoft as an Advanced Infrastructure solution to extend the usability and reliability of Active Directory enabled networks.
- Seamless integration with the industry leading Proteus IP Address Management platform
- Lowest in-class TCO

Even if the WAN becomes inoperable, Adonis' built-in High Availability and automated failover means uninterrupted service.



Management Made Simple

The Adonis Management Console™ (AMC) delivers unified management for all Adonis appliances on your network. The cross-platform AMC includes the latest refinements that enable even novice administrators to quickly integrate complementary DNS and DHCP services into almost any network infrastructure.

Features include:

- IPv4 and IPv6 for DNS and DHCP
- Unified Management – Command and Control multiple Adonis appliances from one interface. If necessary, customized requirements can be achieved by making specific configuration changes to any single server or service level.
- Identity Management – Integrated Pre-Connect NAC provides network access to only those users that authenticate through RADIUS/LDAP/Active Directory/Kerberos/RSA SecureID
- Simplified management of split-scope DHCP Failover and high availability configuration deployment
- Support for vendor and device classes for VoIP deployments with built-in ENUM and TFTP.

Adonis



“Rock-solid security and terrific management capabilities”



Information Security Magazine

Built-in Identity Management with Pre-Connect NAC

Adonis provides enhanced Pre-Connect Network Access Control (NAC) using DHCP MAC authentication, ensuring that only valid users and devices are able to access the LAN. Users requesting an IP lease are first placed into a quarantined IP pool while their access credentials are verified via a web-based authorization portal. The portal is compatible with RADIUS/LDAP/Active Directory/Kerberos/RSA SecureID authorization schemes. Once verified, the user is released from the restricted quarantine pool and is granted access to the approved network. This solution enables perpetual scrutiny of resource allocations, and ensures strict compliance with security policies.

Key Features

Security

The purpose-built Adonis appliance uses a hardened operating system and features a built-in firewall to prevent DoS Attacks, Illicit Commands and Zero-Day exploits. The DNS and DHCP services are based on the latest versions of ISC's, BIND and DHCP. Adonis uses Transaction Signatures (TSIGs) to offer enhanced security by authenticating all updates and zone transfers, verifying that DNS information purporting to be from a certain DNS name server actually originated there. BlueCat Networks' security update system ensures that your organization keeps up-to-date and current with the latest and most reliable DNS and DHCP services.

XHA™ High Availability

Avoid manual intervention hassles and costly downtime with XHA™ High Availability for DNS and DHCP. With dynamic configurations such as Active Directory integration, the Adonis cross-configured DNS system achieves real-time DNS replication and seamless failover of DHCP services. XHA™ High Availability delivers a superior level of availability for dynamic, authoritative, and recursive services, whereby DHCP lease information is replicated in real-time without scope splitting or balancing.

Error Detection

Adonis' holistic Data Checker uses rule-based heuristics to analyze DNS and DHCP configurations. The system can detect and pinpoint errors – both syntactical and logical – before they become critical issues or initiate a chain reaction of system failures. Additionally, the Data Checker can warn users of data that is syntactically correct, but does not conform to industry best practices.

Microsoft® Active Directory™ Integration

BlueCat Networks is a Microsoft certified partner in Advanced Infrastructure for Active Directory. The Adonis Management Console's Active Directory Wizard simplifies the process of integrating DNS services with Microsoft Active Directory. Once configured, Microsoft Active Directory can perform dynamic updates to register required zones and records.

Customizable Voice over IP (VoIP) Options

Speed the deployment of VoIP and mixed-mode communications without compromise to quality of service. Adonis provides advanced support for common vendor and device classes, as well as additional security for SIP enabled VoIP environments via network authentication. Integrated TFTP services can be used to distribute and manage firmware for VoIP endpoints, while NTP services keep network clocks synchronized.

BIND Views

Manage multiple networks, business partner relationships, DMZ data and disaster recovery records with Adonis' full support for BIND views. A single name server can be configured to return a different response based on who performs the query, no matter whether it originates from the local intranet or from an external address. Enhanced implementation enables DNS architectures to use a single IP address for multiple views, instead of the common practice of using an IP address for each view.

Technical Specifications

	Adonis XMB™	Adonis 250™	Adonis 500™	Adonis 750™	Adonis 1000™	Adonis 1750R™	
HARDWARE	Dimensions	1.83" (H) x 8.76" (W) x 5" (D)	1.75" (H) x 14 3/4" (W) x 14" (D)	1.75" (H) x 19" (W) w/ rackmount bracket x 15 1/2" (D)	1.75" (H) x 14 3/4" (W) x 14" (D)	1.75" (H) x 19" (W) w/ rackmount bracket x 15 1/2" (D)	1.75" (H) x 19" (W) w/ rackmount bracket x 28" (D)
	Power consumption	12V – 5V (Power Adaptor)	100-240 VAC, 50/60Hz, 6-3A	100-240V,47-63 Hz, 4-2A	100-240 VAC, 50/60Hz, 6-3A	100-240V,47-63 Hz, 4-2A	100 - 240V, 50-60Hz, 9.5-4.5A
	Heat output (max BTUs)	225.98 BTU/Hr	1,158.73 BTU/Hr	1,219.00 BTU/Hr	1,158.73 BTU/Hr	1,219.00 BTU/Hr	1,610.31 BTU/Hr
FEATURES	Capabilities Application	DNS/DHCP/TFTP/NTP Small and Branch Offices	Caching Regional Offices and Headquarters	DHCP Branch Offices, Regional Offices, Headquarters	DNS/DHCP/TFTP/NTP Mid-Sized and Branch Offices	DNS/DHCP/TFTP/NTP Regional Offices and Headquarters	DNS/DHCP/TFTP/NTP Headquarters & Network Operations Centers
	DNS Performance	4000 QPS	N/A	N/A	15,000 QPS	26,000 QPS	50,000 QPS
	DHCP Performance	75 LPS	N/A	200 LPS	100 LPS	250 LPS	250 LPS
	AC and DC Power Options	•	•	•	•	•	•
	Hot-Swappable Power Supplies						•
	Hot-Swappable RAID1 HD's						•
	IPv4 and IPv6 DNS	•	•		•	•	•
	IPv4 and IPv6 DHCP	•		•	•	•	•
	Hardened Linux™ OS with Built-In Firewall	•	•	•	•	•	•
	Protection against cache poisoning, DNS amplification & denial of service attacks	•	•		•	•	•
	XHA™ High Availability	•	•	•	•	•	•
	Integrated DHCP Failover	•		•	•	•	•
	Government Edition Option	•	•	•	•	•	•
	Built-in Pre-Connect NAC	•		•	•	•	•
	Integration with Post-Connect NAC	•		•	•	•	•
	Microsoft® Active Directory™ Integrated	•		•	•	•	•
	Authentication with LDAP/RADIUS/AD/Kerberos	•	•	•	•	•	•
	BIND Views	•	•		•	•	•
	Built-In TFTP Server	•		•	•	•	•
	Built-In NTP Server	•	•	•	•	•	•
	Transaction Signature (TSIG) Support	•	•	•	•	•	•
	Configuration Error Checking	•		•	•	•	•
Wizard Driven Deployment	•	•	•	•	•	•	
Management Console	•	•	•	•	•	•	
Seamless Integration with Proteus IPAM	•	•	•	•	•	•	
Automated Software Updates	•	•	•	•	•	•	
REGULATORY & COMPLIANCE	Regulatory Approvals	UL/cUL, FCC, CE, TUV					
	Product Certifications	Electromagnetic Emissions: FCC Class B, EN 55022 Class B, EN 61000-3-2/-3-3, CISPR 22 Class B					
	Electromagnetic Immunity:	EN 55024/CISPR 24, (EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-8, EN 61000-4-11) 55024					

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Deloitte
Technology Fast 50
2008



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