

Specifications

Appliance-Based Solutions: IPAM, DNS and DHCP

BlueCat Networks' appliance-based software solutions provide a purpose-built platform for business-critical IP Address Management (IPAM), DNS and DHCP. With a hardened operating system and extensive failover and disaster recovery capabilities, BlueCat Networks appliances ensure that your network services are secure, scalable and highly reliable.

Proteus – IP Address Management

BlueCat Networks' Proteus provides organizations with a powerful and scalable platform to centrally manage their ever-growing IP infrastructure. With tightly integrated IP Address Management (IPAM), DNS and DHCP, Proteus gives organization the ability to easily manage "everything IP" in their network from a single pane of glass. Proteus reduces management time, effort and costs by eliminating the need for frustrating spreadsheets, manual processes and homegrown solutions to track IP addresses. Proteus also allows organization to manage change and growth with unsurpassed scalability and future-ready support for IPv6 and DNSSEC.

Adonis – DNS and DHCP Core Services

BlueCat Networks' Adonis delivers reliable and resilient DNS and DHCP core services. Purpose-built to provide the highest levels of performance, scalability and availability, Adonis is a powerful DNS and DHCP solution that is easy to deploy and simple to manage. With advanced features and functionality, as well as support for IPv6 and DNSSEC, Adonis is designed to meet the business-critical DNS and DHCP needs of any organization.

Flexible Deployment Options

Both BlueCat Networks' Proteus and Adonis software solutions are available as physical or virtual appliances, so you can choose the deployment option that best suits your environment and business needs. Physical and virtual appliances can co-exist and operate under a unique centralized management model. Multi-version support ensures that you can build on your IPAM investment by adding Adonis appliances without having to make disruptive global upgrades to your entire infrastructure. Upgrades to new features and functionality can be completed at your own pace using a phased approach.

Solution Benefits

Reduce IT Costs

BlueCat Networks physical appliances include highly secure software that is updated regularly to address new vulnerabilities. With BlueCat Networks appliances, there is no need to spend time and effort monitoring CERT vulnerability and OS patches.

Right-size your technology investment by choosing from a range of appliances tailored for branch offices, enterprises, large data centers or service providers.

Future-proof your investment with high performance physical appliances featuring the latest hardware specifications to ensure adequate scalability for today and tomorrow.

Accelerate the Rollout of New Services

Accelerate the rollout of new IP-dependent services like VoIP and WLANs by deploying a purpose-built, appliance-based IPAM, DNS and DHCP solution.

Transition to IPv6

BlueCat Networks' future-proof, 64-bit-ready appliances provide full support for IPv6 environments. Implement a scalable and secure infrastructure to ease the transition to IPv6 and simplify the management of mixed IPv4 and IPv6 networks.

Improve the Reliability of Core Services

Ensure resilient core services delivery with built-in hardware redundancy and lights-out management. Implement BlueCat Networks' proprietary XHA and failover configuration for enhanced high availability and peace-of-mind.

BlueCat Networks offers five-hour on-site hardware repair seven days a week in major markets. By adding on-site repair service, you gain the peace-of-mind that, should a hardware issue occur, a technician can be on-site within 5 hours to repair your appliance and help restore service.

Optimize Core Services at the Edge

Choose a physical appliance with the appropriate scale and performance to cost-effectively support your requirements for local delivery of DNS and DHCP core services. Support lean branch office initiatives with purpose-built, low-TCO DNS/DHCP physical appliances, and get the best of both worlds with centralized management of "everything IP" including IP addresses, DNS and DHCP.

Replace Legacy IPAM Solutions

Replace inefficient legacy IPAM solutions such as homegrown software or spreadsheets with a scalable, purpose built, appliance-based solution that allows you to manage IP addresses, DNS and DHCP from a single pane of glass.



The IPAM Intelligence Company
www.bluecatnetworks.com

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Proteus – Centralized IP Address Management (IPAM)						
		Proteus 5500™	Proteus 3300™			
Functionality	Application	Large organizations and enterprises	Small to mid-sized organizations			
	DNS/DHCP Servers Supported	Unlimited	50			
Hardware	Hardware Redundancy	Hot-swappable, redundant power supplies and hard drives	Hot-swappable, redundant power supplies and hard drives			
	Form Factor	1U	1U			
	Dimensions (mm)	42.6 x 424 x 772	42.6 x 424 x 772			
	Weight (Kg)	17.69	17.69			
	Power Consumption (per PSU)	90-264V (47-63 Hz) 502 W	90-264V (47-63 Hz) 502 W			
	Heat Output	1712.9 BTU/HR	1712.9 BTU/HR			
	Operating Temperature	50 °F to 95 °F 10 °C to 35 °C	50 °F to 95 °F 10 °C to 35 °C			
	Certifications	Safety: BSMI, C-Tick, CCC, CE, EEA, FCC, GOST, ICES-003, IRAM, KCC, NEMKO, TUV-GS, UL/cUL, VCCI Environmental: RoHS, WEEE				
MTBCF (Est. in Hours)	105,000	115,000		115,000		
Adonis – DNS and DHCP Core Services						
		Adonis 1950™	Adonis 1900™	Adonis 1200™	Adonis 800™	Adonis XMB2
Functionality	DNS Authoritative	•	•	•	•	•
	DNS Recursive	•	•	•	•	•
	DHCP	•	•	•	•	•
Capacity	DNS Performance	Up to 110,000 QPS	Up to 60,000 QPS	Up to 40,000 QPS	Up to 20,000 QPS	Up to 8,000 QPS
	DHCP Performance					
	Ping check ON	Up to 300 LPS	Up to 250 LPS	Up to 250 LPS	Up to 200 LPS	Up to 100 LPS
	Ping check OFF	Up to 650 LPS	Up to 550 LPS	Up to 500 LPS	Up to 400 LPS	Up to 150 LPS
Hardware	Hardware redundancy	HDD & PSU	HDD & PSU	N/A	N/A	N/A
	Form Factor	1U	1U	1U	1U	Custom 1U
	Dimensions (mm)	42.6 x 424 x 772	42.6 x 424 x 772	42.6 x 431 x 393.7	42.6 x 431 x 393.7	42 x 190 x 155
	Weight (Kg)	17.69	17.69	8	8	1.4
	Power Consumption	90-264V (47-63 Hz) 502 W	90-264V (47-63 Hz) 502 W	90-264V (47-63 Hz) 250 W	90-264V (47-63Hz) 250 W	5V-5A (Power Adaptor)
	Heat Output	1712.9 BTU/HR	1712.9 BTU/HR	1039 BTU/HR	1039 BTU/HR	157 BTU/HR
	Operating Temperature	50 °F to 95 °F 10 °C to 35 °C	50 °F to 95 °F 10 °C to 35 °C	50 °F to 95 °F 10 °C to 35 °C	50 °F to 95 °F 10 °C to 35 °C	32 °F to 95 °F 0 °C to 35 °C
	Certifications	Safety: BSMI, C-Tick, CCC, CE, EEA, FCC, GOST, ICES-003, IRAM, KCC, NEMKO, TUV-GS, UL/cUL, VCCI Environmental: RoHS, WEEE				
MTBCF (Est. in Hours)	105,000	115,000	45,000	45,000	55,000	



The IPAM Intelligence Company
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