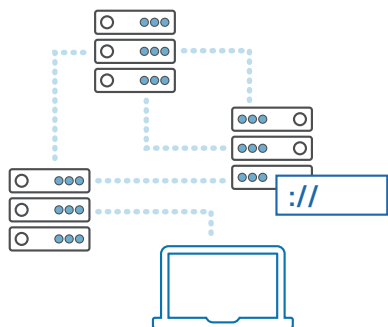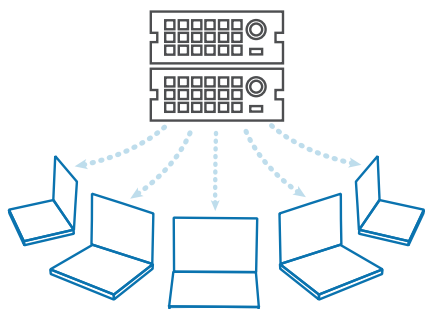# BLUECAT™

(i) DNS INTEGRITY

SOFTWARE-CENTERED SOLUTIONS PROVIDING THE FOUNDATION FOR FLEXIBLE, OPEN AND ADAPTIVE NETWORKS

Large enterprises often use inadequate and limited DNS implementations, forcing them to maintain an environment that relies on manual processes. This often results in errors, complexity, poor visibility, and an insecure environment that is almost impossible to properly service or grow. BlueCat DNS Integrity™ represents a design philosophy centered on best practices network architectures that are centralized and automated, delivering core DNS, DHCP and IPAM services rapidly and without compromise.
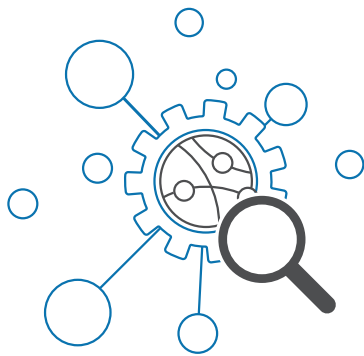
BlueCat DNS

BlueCat DNS is a software-based solution that provides the foundation for centralized, robust and scalable network systems that are designed and architected to accommodate the dynamic needs of your business. When DNS services fail, business stops; websites are unreachable, network-dependent applications including email, ERP and CRM cannot function and users cannot locate network resources or cloud services. BlueCat DNS ensures that your critical network infrastructure and business-critical core services are reliable, resilient and highly available and that no configuration change can cause an outage or leave stale or inconsistent DNS records.
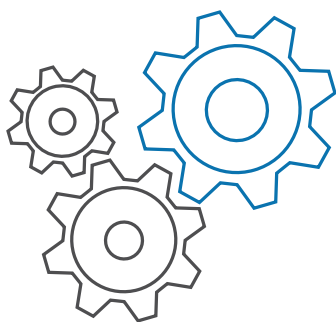
BlueCat DHCP

Enterprise IT initiatives demand centralized governance and control to securely connect and on-board devices in increasingly agile networks. As a core network service, DHCP manages the allocation of IP addresses and must meet the highest standards of reliability and scalability. BlueCat DHCP allows you to make the most of your limited IPv4 address space, and cohesively manage IPv6 and dual-stacked IPv4/IPv6 environments.

www.bluecatnetworks.com

BlueCat Address Manager (IPAM)

BlueCat Address Manager offers a powerful IP Address Management (IPAM) solution that lets you take control of your dynamic network. With integrated core services, centralized management, and interoperability across the network ecosystem, our software-based solution provides an authoritative source of intelligence and insight into the relationship between devices, users and IP addresses on your network from a single Web-based interface. An enterprise-class, scalable and fully automated solution, BlueCat Address Manager replaces frustrating legacy IPAM solutions including spreadsheets, enabling an automated environment that operates efficiently and reliably. Error-prone manual processes are left behind and IT resources are liberated by delegating network configuration activities and workflows with flexible role-based access control, approvals and auditing.
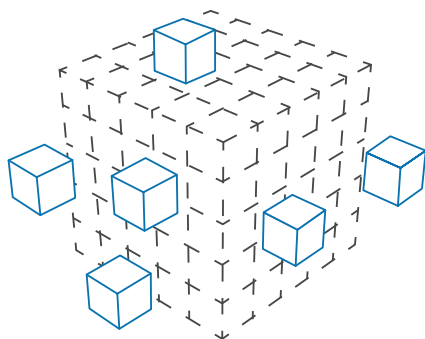
BlueCat DNS Integrity Gateway

Automation is an essential part of Enterprise DNS. It improves organizational efficiency and productivity, and establishes an environment that is designed to meet the dynamic needs of your enterprise. As critical business requirements and resources that impact the data center are automated, DNS must work in orchestration with those workflows to ensure network availability, change control and compliance. BlueCat DNS Integrity Gateway is an extensible platform that empowers you to take complex, resource-intensive, automated tasks and build cleaner and lighter implementations while enabling a simplified and self-service focused environment.

BlueCat Threat Protection

The growth in the number and type of new devices connecting to the network has exposed holes in typical enterprise security. Traditional security solutions tend to focus on particular devices or protocols and cannot provide a broad-based solution that covers all devices and applications. BlueCat Threat Protection leverages the pervasiveness of DNS to stop malicious activities before they can reach your business-critical applications or data. DNS is the starting point for connectivity and is used by all devices to connect to applications and sites. BlueCat Threat Protection creates a DNS firewall that provides an additional layer of defense against malicious Internet content and infected devices.

BlueCat APIs

BlueCat offers a rich set of APIs that enable dynamic interaction with your network ecosystem. All features including IPAM, DNS and DHCP elements are accessible through a unified, standards-based API. BlueCat APIs offer integrations with leading commercial vendors to deliver orchestrated network creation, monitoring, security and provisioning solutions for data center and cloud environments.