BLUECAT™

Out-of-the-box visibility and control over DNS traffic

With room for adding networking, cloud, DNS GSLB, and security capabilities

About BlueCat Edge

BlueCat Edge is our intelligent DNS resolver and caching layer that provides unprecedented visibility and control over DNS traffic. You can quickly and easily deploy Edge in any hybrid cloud environment. As the first hop of any DNS query, Edge intelligently directs DNS traffic, tames conditional forwarding rules, blocks malicious DNS queries, and helps monitor and collect all DNS query and response data for diagnostics and investigations.

Benefits

- **Networking:** Intelligently optimize DNS to increase resolution performance and reliability, all with complete visibility and control at the first hop of any DNS query.

- **Cloud:** Extend provider-agnostic DNS discovery and resolution for resources across multicloud environments, accelerating the development of critical applications and services.

- **DNS GSLB:** Improve the reliability of DNS by utilizing customizable rules and health checks to optimize DNS traffic distribution and support disaster recovery for critical apps and services.

- **Security:** Provide another layer of intelligence and protection that security teams can use to enhance the overall security stack and protect enterprises from DNS-based attacks.

Overview of Edge offerings

BlueCat's standard Edge offering starts with an intelligent caching layer called Smart Cache. You can also unlock advanced capabilities by activating add-ons on top of Smart Cache for security, networking, and cloud. Data retention options for lengths of up to one year are also available. Pricing varies based on the number of active IP addresses in use.
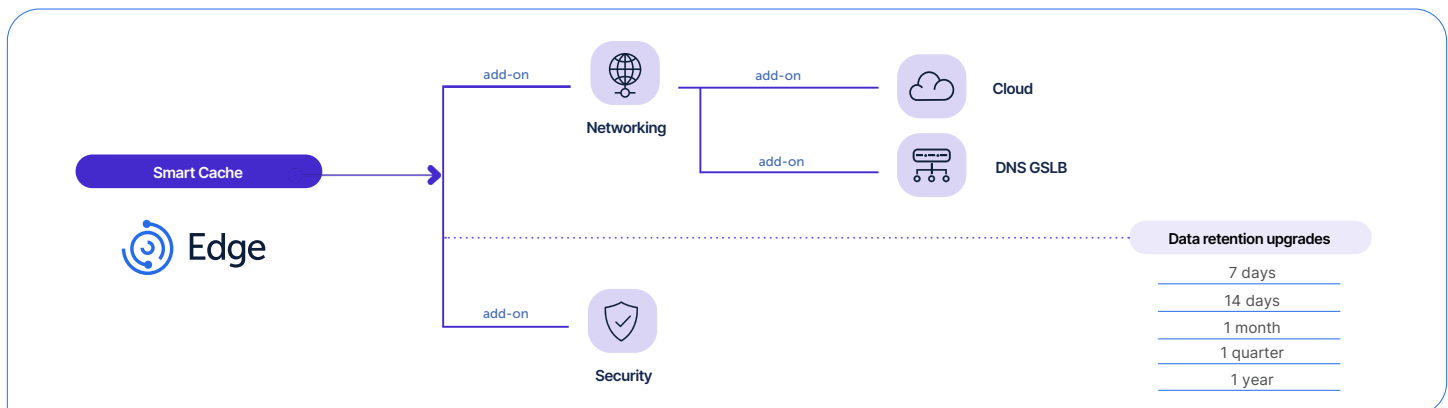
Edge offerings start with Smart Cache, with add-ons for networking, cloud, DNS GSLB, and security.

Features of Edge's standard and add-on offerings

Smart Cache, BlueCat's standard Edge offering, is a first hop caching layer that allows you to resolve DNS requests for clients recursively or by replying from cache for faster responses. It includes basic production environments, standard

weekly reports, and two namespaces to support most data migrations. One namespace is used for internal queries and the other for external queries, dramatically reducing the amount of recursion and authoritative DNS query activity. Data retention is not included.

Networking add-on: The networking add-on features unlimited DNS namespaces, supported by seven days of DNS log data stored in the cloud.

Cloud add-on: BlueCat Edge Resolver, Edge's cloud add-on, allows Edge to perform discovery and resolution of cloud DNS data across major cloud service providers. The networking add-on is a pre-requisite for the cloud add-on.

DNS GSLB add-on: Dynamically prioritize answers based on real-time health status against network topology. The networking add-on is a prerequisite for the DNS GSLB add-on.

Security add-on: The security add-on features BlueCat's Threat Intelligence feed for DNS request monitoring, redirecting and blocking policies, and 14 days of DNS log data stored in the cloud. Additionally, you get:

- DNS identity integration to capture user identity information in DNS log data
- Advanced analytics
- SIEM integration

Frequently asked questions about the benefits of Edge

How will my security team benefit from Edge?

DNS query and response data offers a trove of intelligence for security teams, resulting in:

- Improved visibility of devices and traffic
- Identification of attack sources, their source IPs, and user identities
- Discovery of unsecured entry points on the network used during an attack
- Faster threat hunting during a security incident

How will my network team benefit from Edge?

Network teams are often blamed when DNS is not rapidly accessible the moment cloud resources need to resolve to or within the data center. This is especially the case when using a combination of cloud vendors and their native DNS services. BlueCat Edge expands your visibility and control over what's happening with DNS in the cloud, restoring order and authority. You can reduce congestion, improve reliability, and enhance your network's performance with multiple optimized resolution paths and fewer overlapping zones.

How will my cloud team benefit from Edge?

As cloud networks become more complex—with multiple clouds, regions, and private virtual networks—the compounding effect on manual forwarding rules becomes unmanageable. BlueCat Edge Resolver tames cloud DNS by simplifying zone discovery and conditional forwarding rule management.

Can I still benefit from Edge even if my organization does not use the cloud?

Most organizations already use a variety of cloud-based applications (e.g., Microsoft 365, Salesforce). Edge conforms to the same security and compliance requirements as these applications. However, for some cases of strict cloud constraints, there are options available for on-premises configurations. Contact your BlueCat sales representative for more information.

BlueCat's Intelligent Network Operations (NetOps) solutions provide the analytics and intelligence needed to enable, optimize, and secure the network to achieve business goals. With an Intelligent NetOps suite, organizations can more easily change and modernize the network as business requirements demand.

Headquarters
4100 Yonge St. 3rd Floor, Toronto, ON, M2P 2B5
Phone: 1-416-646-8400 I 1-866-895-6931

bluecat.com

Next steps

Learn how you can get unprecedented visibility and control over your DNS traffic.

Contact us

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