

Reliable external DNS service

Easily manage cloud-hosted public DNS zone

Demand for reliable external DNS resolution

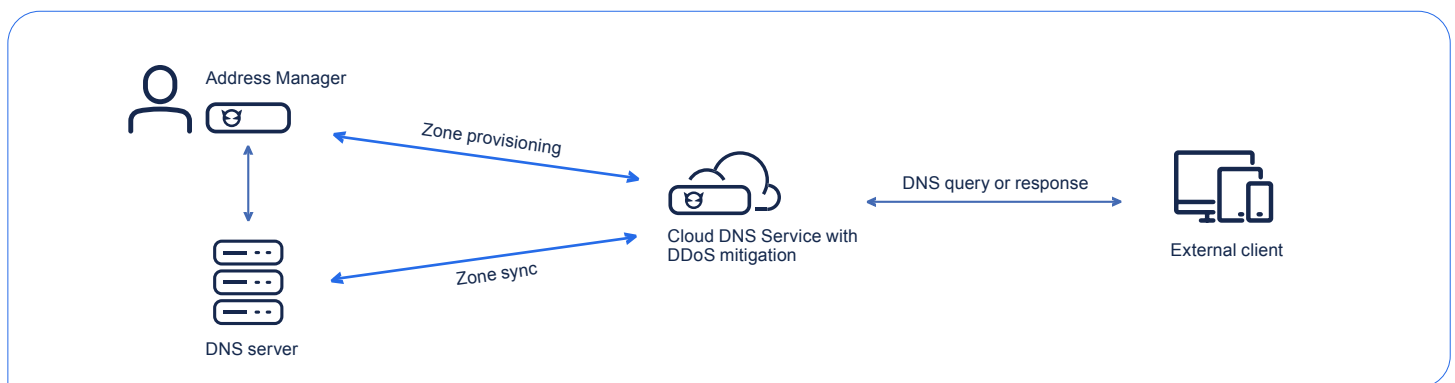
External DNS is essential for organizations that offer secure public services over the internet. It enables the resolution of public domain names to IP addresses, ensuring that clients can access public resources with ease.

However, some organizations lack a reliable external DNS provider or depend on a single provider for public services. In the event of an external DNS resolution failure, organizations risk revenue losses and damage to their reputation.

The solution: BlueCat Cloud DNS Service

For BlueCat Integrity users, BlueCat Cloud DNS Service is a cloud-hosted external authoritative DNS service integrated seamlessly with BlueCat Address Manager. Customers can host their public DNS zones in a reliable, low-latency, and distributed denial-of-service (DDoS) attack-resilient Anycast network to allow external clients to access them. It can be used on its own or in combination with existing DNS service providers or self-hosted external DNS servers. Cloud DNS Service ensures that external DNS is always resolvable, providing a dependable solution for organizations.

By using Address Manager and Cloud DNS Service, you can easily provision public DNS zones. Even better, you can manage public zones effortlessly by adding, removing, and updating all zones from a single source of truth. This centralized approach not only saves time and effort but also ensures accurate and consistent management of all public zones.



How Cloud DNS Service works

Benefits

- ✓ **Simplified management**
 Leveraging an integrated and centralized DDI management platform, you can provision or update public DNS zones right from Address Manager or via RESTful API.
- ✓ **Advanced security**
 With easy-to-use DNSSEC, the integrity of your DNS responses is secured against DNS spoofing, poisoning, and cache poisoning.
- ✓ **Improved performance**
 Lower your DNS response time across the globe and increase resiliency with an Anycast-enabled network backed by 285 points of presence in over 100 countries.



High availability

With out-of-the-box DDoS mitigation, your DNS responses are always guaranteed and you can increase the availability of your critical apps and services at no additional cost.

Features



Centralized control panel

With a single control panel in Address Manager, manage internal and external DNS zones for dynamic updates



Easy zone deployment

Deploy updates or create new public zones for DNS resolution right from Address Manager or via RESTful API



DDoS mitigation

Ensure service uptime when under DDoS attacks with mitigation techniques that allow for static and dynamic rules applied immediately upon detection



Secure DNS resolution using DNSSEC

Seamlessly automate the zone signing process with DNSSEC to authenticate the origin and integrity of responses



Authenticated and secure updates to Cloud DNS Service

Use TSIG for secure communication between primary and secondary DNS servers

BlueCat helps enterprises achieve their network modernization objectives by delivering innovative products and services that enable networking, security, and DevOps teams to deliver change-ready networks with improved flexibility, automation, resiliency, and security.

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Next steps

Get in touch with a BlueCat representative to get reliable external DNS service.

Contact us

