

Cloud resolution that delivers consistency

As network teams adopt hybrid cloud and private DNS-supported services, they must provide the most optimal resolution path to different zones across virtual networks. Traditionally, admins manually create an avalanche of conditional forwarders to help private endpoints access resources. Unfortunately, without automated zone discovery, admins cannot keep up because manual forwarders can't adapt to the resolution needs of private endpoints. Fortunately, a cloud-native and agnostic solution restores order by simplifying zone discovery and namespace management to tame complexity and improve service delivery.

The Solution - BlueCat Cloud Resolver

BlueCat Cloud Resolver is the first cloud-native DNS resolver that provides immediate resolution to and across any private virtual network. Once placed in a region, it becomes cloud-aware, discovering all DNS zones and creating a single BlueCat Edge namespace for any endpoint in the data center or cloud to resolve queries. The solution is also cloud-agnostic, allowing network teams to embrace any combination of private cloud vendors without getting buried in DNS forwarding rules.

Benefits



Easy Deployment

Rapidly deploy a cloud resolver to any region using popular automation tools like Terraform.



Cloud-Native

Optimized to live in any cloud and scale up or down based on workloads.



Cloud Aware

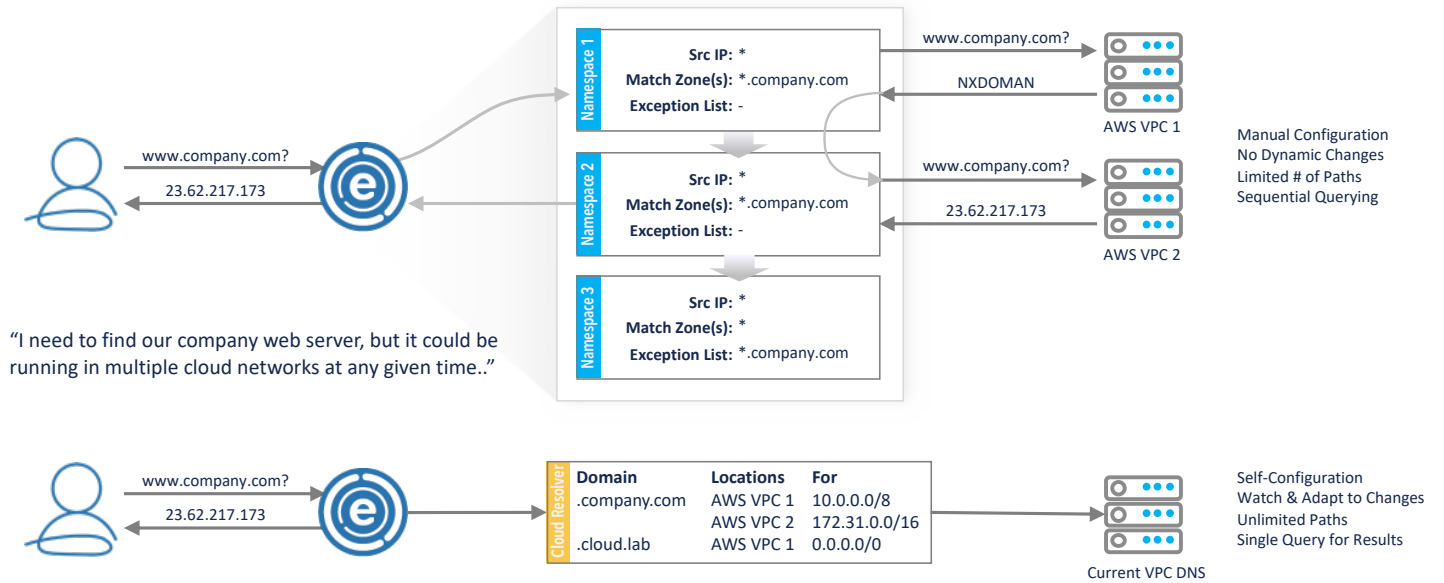
Discover all zones instantly with a direct path to resolution, even in any segmented or restricted private virtual network.



Cloud Agnostic

Perfect private endpoint resolution into AWS, Azure, and GCP without juggling multiple interfaces and DNS resolution frameworks.

Traditional Namespaces vs. Cloud Resolver for any cloud environment



Features



DNS resolution

Resolution for all queries made to the cloud namespace for discovered zones using any available connector.



Comprehensive discovery

Continuous role-based discovery of all DNS-related cloud information.



Auto-configuration

based on discovered cloud resources, Cloud Resolver configures Edge namespaces to direct appropriate queries to Cloud Resolver for resolution.



Cloud Native Deployment

Cloud Resolver is easily deployed using automation tools such as Terraform.

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Next Steps

Get in touch with a BlueCat representative to future proof your network.

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