

Intelligent Networking

Modern networks are getting more complex. Managing DNS pathways across multiple clouds and data centers, SD-WAN deployments, and remote office locations are quickly becoming a significant headache for network administrators.

Do any of these sound familiar?

- ▶ **You build and manage** a patchwork of complex routing rules, forwarding schemes, and duplicative DNS controls to ensure that data gets where it's supposed to go.

But then... All of these rules and controls require constant adjustment as asset locations shift. Managing this patchwork across growing network complexity simply doesn't scale, particularly during a cloud migration.

- ▶ **You force all network traffic** to route back through a central location to simplify routing schemes.

But then... This ends up being costly, particularly for remote locations connected through MPLS lines. It also impacts performance by introducing additional latency.

- ▶ **You copy data** from on-prem locations into the cloud so it can be accessed reliably by cloud-based apps and microservices.

But then... You have to constantly sync the data to make sure both sources are providing the same information in real-time.



With assets and compute constantly on the move, administrators need a flexible and adaptable DNS infrastructure which doesn't require constant management.

BlueCat's Intelligent DNS controls the pathway of DNS queries through the use of client-facing service points.



Conditional forwarding

cuts through complexity by linking assets dynamically across environments



Internet breakout

reduces latency and MPLS costs through direct connections to trusted services



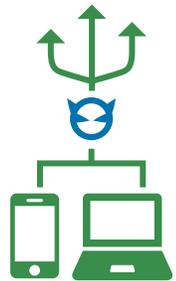
Automated management

eliminates the need for constant adjustment of pathways by maintaining links to cloud instances and SD-WAN controllers



Migration failover

applies a user defined logic to queries, attempting multiple DNS paths to ensure that data can always be located.



How it works

BlueCat Intelligent DNS leverages the core centralized, automated DNS infrastructure provided by the core BlueCat platform to dynamically control routing across the enterprise using client-facing service points. Routing is controlled through a central management portal, empowering network administrators to optimize traffic across the enterprise.



Unleash Your DNS

Stop counting boxes. Stop paying for unused capacity. Get the capabilities you need, when you need them. DNS Flex is a subscription-based offering which delivers the capabilities you want at the scale you require.