**BLUECAT**™

Getting past DNS resolution latency issues

To achieve highly performant and available DNS, network teams need an automated way to configure the shortest and most secure resolution path. Without complete visibility and control at the first hop of any DNS query, administrators can't keep up with rapid changes to DNS configuration in multi-cloud or relieve data center bottlenecks to resolve queries for endpoints over wide and distributed networks.

The Solution - BlueCat Edge

Edge adds a much-needed layer of visibility, control, and detection for corporate DNS. Edge gives network and IT teams unprecedented access to DNS query data with which they can establish smarter network policies, optimize traffic and meet stringent compliance and logging requirements. Edge also plays a critical role in the overall security of corporate networks, enabling security teams to leverage the DNS data that Edge captures as yet another layer of intelligence and protection.
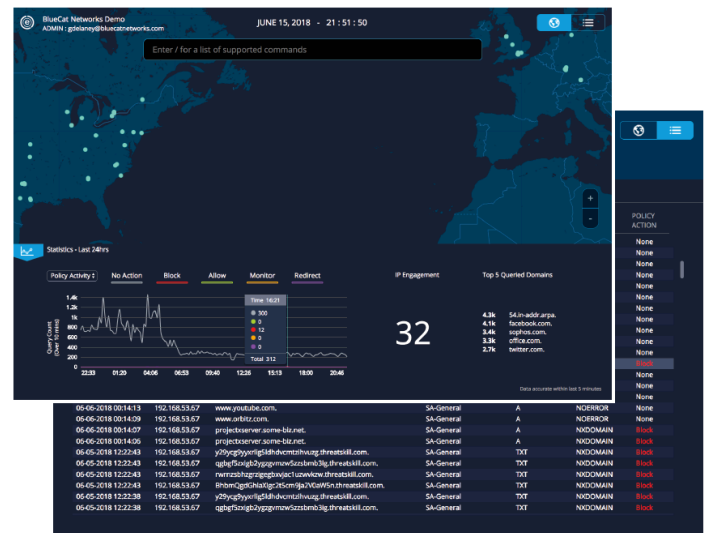
Benefits

Improve Performance - Provision multiple optimized resolution paths, simplify overlapping zones and DNS resolution paths to improve network performance.

Deploy Anywhere- Deploy service points on virtual or physical appliances, and any cloud environment to ensure DNS service availability.

Prevent Downtime - Increase the resilience of critical infrastructure by centralizing all DNS resolution under BlueCat Edge, or use cloud-native DNS with resolution failover to BlueCat.

Complete context - Consistently log and merge contextual data including policy description, action, and status, to all queries for resolution analysis and debugging.

Confident Migrations - Simplifies migration from legacy systems using BlueCat Edge intelligent forwarding to mitigate downtime risks.

Unprecedented Visibility & Control

As the first hop of any DNS query, Edge works to intelligently direct DNS traffic, tame conditional forwarding rules, block DNS queries based on network and security policies, and help monitor/collect all DNS query and response information for diagnostic and investigative purposes.
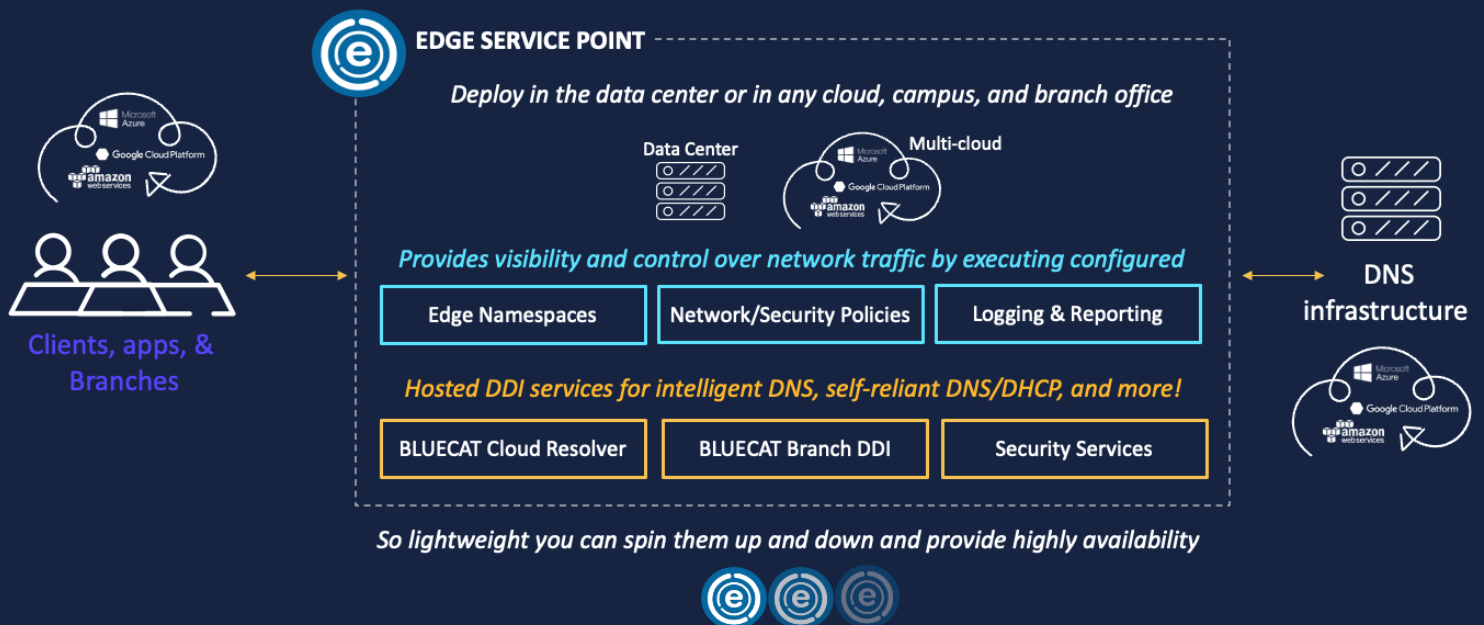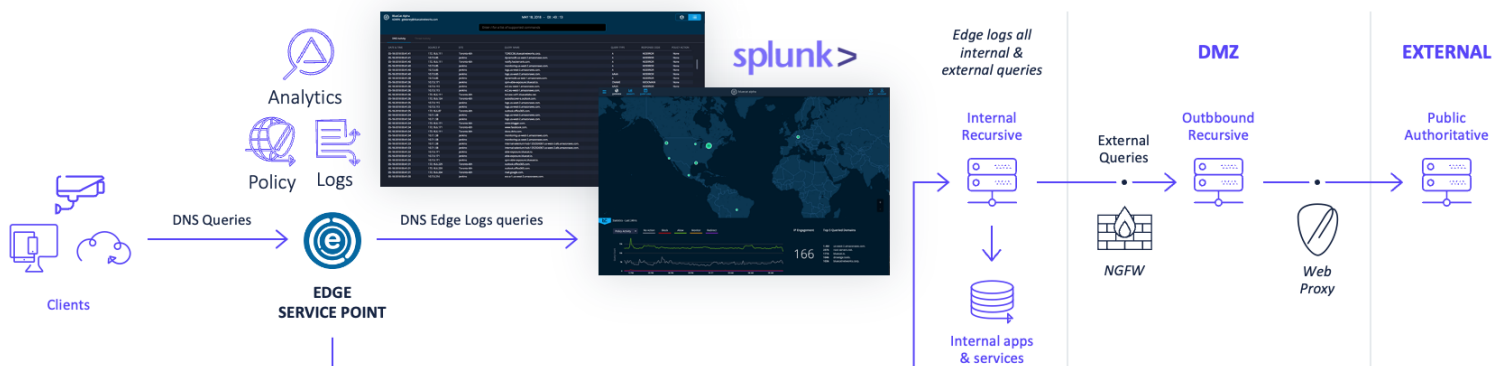
Intelligent Forwarding using Namespaces - route remote office or client traffic by match and exception domain lists with the most appropriate resolution path.

Cloud Resolver - tames cloud DNS by simplifying zone discovery and namespace management to improve service delivery.

Branch DDI - deploys secure and compliant DNS and DHCP on existing brick-and-mortar network infrastructure to protect against business disruption.

Logging and Reporting - tames big data problems with powerful query log filters, graphical analysis, and exporting DNS data to popular SIEMs.

Policy Configuration - Allow admins to apply policies to block, redirect, or monitor DNS requests based on clients and resources being accessed or detected security issues.

Zero-Touch Deployment - Deploy unlimited numbers of virtual service points with hosted services and without making changes to your existing DNS infrastructure – at no extra cost.

Next Steps

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

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