BlueCat Introduction

October 12, 2017

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The CIO’s promising future

Security

Cloud

Network Virtualization

ITaaS

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there are cracks in the foundation

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Underlying it all: DNS

The ‘network before the network’

A service that all devices, computers and applications use to access compute on a network.

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DNS 101

We see:
Domain Names

www.google.com

Devices see:
IP Address

76.68.116.158

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It’s messy

80% of outages are caused by people and process issues

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It’s outdated

64% of people say the pace of technology change in their organizations is too slow.

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It’s vulnerable

91% of malware uses DNS in attacks

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The Solution is Enterprise DNS

A network strategy and that enables businesses to pursue their migration to the cloud, virtualize their networks, deliver more value to the organization.

Securely.

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It’s DNS. But smarter

- Pure software
- Unconstrained by old world models
- Easy to configure, deploy, upgrade, scale

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Enterprise DNS *transforms* organizations

SAP

200 manual changes per day are now *6,000 automated API calls per hour*.

ZURICH

Provides security and connectivity for *300,000 personal devices*.

NetApp

Spins up and take down *tens of thousands of VMs* per hour.

Telefonica

Connects *24 million IoT devices* – one of the largest smart metering projects in the world.

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BlueCat’s Enterprise DNS platform

CENTRALIZE

Consolidate server end points, normalize DNS data, increase resilience.

AUTOMATE

Instantly deliver DNS as a service, automate updates, detect anomalies and enforce policies.

LEVERAGE

Analyze DNS data to deliver powerful insights and mitigate cyber security threats.

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For Network Teams

DNS INTEGRITY

Provides the service

For Security Teams

DNS EDGE

Enforces the policy

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Our Enterprise DNS architecture

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Three specific use cases

Use Case #1:
The Insider Threat

Use Case #2:
The Compromised IoT Device

Use Case #3:
Malware Lateral Movement

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We know DNS

“Same knowledgeable people every time, who already know our demands and meet are needs, in our expected timeframe.”

fiserv.

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