TAMING THE STORM OF CLOUD COMPLEXITY

How a DDI management platform can help



A STORM IS BREWING

of organizations cited **network complexity** as one of their biggest challenges to DDI management.

When enterprises migrate to **hybrid cloud** or **multi-cloud** environments, complexity compounds and DDI quickly becomes unmanageable.

which leads to...

The network team loses centralized control over DDI services,

POOR VISIBILITY
With cloud complexity, network teams can lose the ability to:

- manage IP address spaces and DNS services in cloud environments
 deploy and manage DNS services for cloud applications and networks
- deploy and manage DNS services for cloud applications and network

A common reason for poor visibility: shadow IT





shadow IT and adopted cloud services without IT involvement or support.

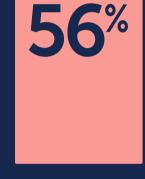
Cloud-native or other free DNS services are spun up on the fly with little regard for how they fit into the rest of the

network. The result? A jumbled mess of DNS management approaches.

said they try to extend their DNS

management solution to shadow cloud environments.

ERRORS, CONFLICTS, AND OUTAGES Cloud complexity can result in serious challenges for DDI.



say DNS

forwarding rule

complexity creates

Why DDI matters

DDI services are essential to routing traffic and establishing

on-premises, multi-cloud, and

hybrid cloud environments.

DNS, DHCP, and IP address management —together

known as **DDI**—provide the core services that enable

network communications.

network connections in

performance problems **33**"

on-premises networks create zone conflicts, errors, and outages

say DDI silos between

cloud and

say a lack of efficient workflows

and automation results in reduced service velocity

4.5% say they lack

network team

visibility and control



Ready to invest in a DDI management platform?

said **public cloud migration** or

investment in DDI technology.



transformation is the leading driver of their



so we need to include the cloud in DDI moving forward.

- Network engineer
Fortune 500 aerospace and defense company

We've been resisting the cloud,

but we can't anymore. Our

organization is starting to trust it,

ONLY 12%

of organizations that have implemented a commercial, integrated DDI

81%

Give your security a boost, too.

of organizations that have adopted cloud don't use

open-source or homegrown DDI solutions.

solution — have adopted cloud.

implementing DNS security solutions like DNS firewalls or DNS filtering.

of organizations with cloud infrastructure are

No.

of organizations with a DIY approach to DDI **are actively monitoring and analyzing** their DNS activity and logs.



Discover how a DDI management platform

Read the report

can reduce cloud complexity and enable

digital transformation at your organization.

Infographic courtesy of



This infographic is based on data found in the **2022 Enterprise Management Associates** report, **DDI Maturity Drives Multi-Cloud Automation and Security**. The report explores the state of DDI (DNS, DHCP, and IP address management) maturity in enterprises. It examines the drivers and benefits of DDI maturity, as well as best practices for implementing mature DDI solutions. Get your copy of the report by visiting **www.bluecat.com/ddi-maturity**.