

2026 IDC DNS MODERNIZATION SPOTLIGHT

Enhancing Hybrid Multicloud Resilience, Performance, and Security



Why DNS Modernization Can't Wait

 **90%** orgs have Hybrid Cloud

The Consequence: **multiple** DNS tools, APIs, and control planes, creating **silos** and **governance gaps**.

Change Management

Namespace Complexity

Configuration Drift

Challenges

Policy Enforcement

Blindspots

Security Risks



3 Core Elements of a Modern DNS

A modern DNS infrastructure reduces operational complexity while enabling support of business-critical apps and services at scale.

1
Architecture, Performance, and Management

2
Security and Trust Foundations

3
Data, Observability, and Automation

DNS Modernization Business Case

Modernization of DNS architectures delivers strategic and operational advantages in several areas:

Business Continuity

User Experience

Operational Efficiency

Governance & Compliance

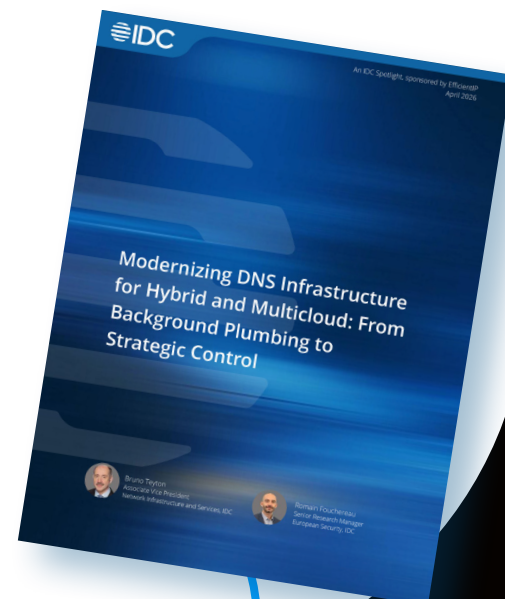
Threat Mitigation

AI-Driven Automation



5 Best Practices

- 1** Separate authoritative from recursive DNS
- 2** Use overlay management for multi-vendor DNS
- 3** Maintain a Network Source of Truth (NSoT)
- 4** Automate configuration, discovery, and policies
- 5** Adopt a DDI platform across on-prem and cloud



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