JioCloud

Managed DNS

Reliable Domain Name System (DNS) with Faster Resolution, Stronger Security, and Higher Availability

Eliminate manual errors, cut outages, and simplify service discovery with JioCloud Managed DNS.

The Challenge

Modern cloud environments are dynamic, with workloads scaling up and down across regions and networks.

Without a managed Domain Name System (DNS) service, teams face:

- Inconsistencies in service discovery
- Slower resolution times
- Security risks from spoofing or misconfigurations
- No central control, leading to outages and delayed troubleshooting

The JioCloud Solution

JioCloud Managed DNS gives you a secure, fully managed internal DNS service built for cloud-native environments.

It automates service discovery, traffic routing, and DNS record updates across your virtual networks.

With integration into JioCloud networking, you get fine-grained access controls and zone isolation for reliable resolution of internal resources. No DNS servers to deploy or maintain - the platform manages it for you, while your teams stay focused on building and scaling applications.

Key Features

- **Managed private zones**
  Create DNS zones for internal domains with full control.

- **Multi-VNet support**
  Resolve names across connected networks without complex setups.

- **Access control policies**
  Decide who can view, modify, or query zones.

- **Secure and isolated**
  Internal DNS traffic stays private and never touches the public internet.

- **Built-in monitoring**
  Logs and metrics to detect and fix resolution issues.

- **Automated records**
  DNS updates automatically as services scale or redeploy.

- Simplified service discovery across your private cloud.

- Fewer outages from manual misconfigurations.

- Stronger security through isolated, internal-only DNS traffic.

- Faster lookups with lower latency.

- Lower overhead with a fully managed service.

Use Cases in Action

Microservices at scale
Keep services connected even as IPs change during scaling or redeployments.

Secure internal tools
Protect DNS traffic for internal apps, APIs, and services.

Multi-network ppplications
Resolve names seamlessly across dev, test, and prod environments.

Compliance workloads
Ensure traceable, policy-driven resolution in regulated environments.

Who It's For

Cloud Infrastructure and Networking Teams

DevOps and Platform Engineers

Microservices and Application Developers

IT Security and Governance Teams

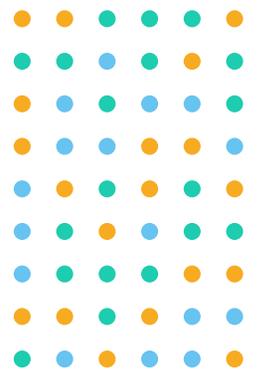Enterprises running internal tools, APIs, and services in the cloud

Why JioCloud

Integrated into the JioCloud ecosystem for smooth deployment

Backed by enterprise-grade support and SLA guarantees

Built to meet India's compliance and security needs

Deep integration with JioCloud networking and compute

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Ready to Simplify Internal DNS?

Reach us at **jpl.cloudsales@ril.com** or visit **(website))** to get started with JioCloud Managed DNS.

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