Managed DNS

Overview

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.

Benefits

- 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 Case

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

- **Multi-network applications**
  Resolve names seamlessly across development, test, and production environments.

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

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