

Subnet



Overview

JioCloud Subnet helps you securely segment cloud workloads by function, environment, or business need. Each subnet defines a clear boundary for communication, reducing lateral risk and improving access control. With easy provisioning, policy enforcement, and real-time monitoring, you get scalable network hygiene without the manual effort.

Key Features

- **Intelligent network segmentation**
Divide your virtual network into subnets for secure workload isolation, application tiering, and zone-based control.
- **Custom IP range allocation**
Assign distinct IP ranges to each subnet to prevent overlaps and simplify resource grouping.
- **Workload satellite creation**
Create isolated subnet clusters with tailored access for high-performance, high-security use cases.

Benefits

- **Limit lateral threat movement**
Keep development, test, and production workloads isolated to reduce risks from internal threats.
- **Enforce access at the subnet level**
Apply precise controls across applications and environments — supporting zero trust principles.
- **Simplify network management**
Monitor and manage subnet traffic, configurations, and segmentation policies with ease.
- **Accelerate deployment**
Use templates and automation to create secure subnet environments faster and with fewer errors.
- **Stay audit-ready**
Maintain strong network hygiene with logging, visibility, and traceability across all subnets.

Use Case

National Bank – Securing Digital Channels through Subnet Isolation

- To protect its internet banking, UPI APIs, and mobile apps, a national bank uses JioCloud Subnet to segment workloads by environment and function.
- Each environment sits in its own subnet, protected by custom access policies. Monitoring tools track all east-west traffic, while automation ensures every team follows consistent security rules.
- With JioCloud Subnet, the bank keeps its development, staging, and production environments fully isolated.
- This setup strengthens defenses, speeds up delivery, and simplifies compliance.