



Next Generation Firewall

Defend at Cloud Edge—with Built-In Visibility,
Control, and Intelligence

Secure every layer of your cloud with traffic inspection, app-aware policies, and real-time protection — powered by JioCloud Next Generation Firewall.

The Challenge

- Traditional firewalls weren't designed for today's threats, such as zero-day attacks, encrypted malware, and movement between workloads.
- Security teams often lack visibility into traffic flowing inside the cloud, not just to and from it.
- Without consistent controls across hybrid environments, enforcing policies becomes manual, reactive, and error-prone.
- Distributed logging and siloed tools make it harder to meet compliance and respond quickly when incidents happen.



The JioCloud Solution

JioCloud's Next Generation Firewall gives you a clearer view and stronger control over how traffic moves in your cloud.

It doesn't just check IPs or ports. It looks deeper, decrypting traffic if needed, understanding which apps are in use, and applying policies based on context, such as user, device, or workload. It blocks malware, flags suspicious patterns, and adapts to new threats in real time.

Whether you're protecting a single app or a large multi-tiered environment, you get a firewall that's built to match how cloud networks actually behave — with everything managed in one place.



Key Features

- **Layer 7 inspection**
Understand application behaviour — not just where traffic comes from.
- **Intrusion prevention**
Detect and block known attacks, scans, and suspicious behaviour inside your cloud.
- **SSL/TLS decryption**
Inspect encrypted traffic to catch hidden threats, then re-encrypt safely.
- **User- and app-aware policies**
Create rules based on real-world context, not static rules.
- **Built-in threat intelligence**
Get updated feeds to spot malware, harmful software, and automated malicious activity fast.
- **Centralised management**
Set policies, monitor traffic, and view alerts from one place.

What You Gain

- Stronger protection against advanced threats, including in encrypted traffic
- Clearer visibility into what's happening inside your cloud — not just at the edge
- Faster response to incidents, with centralised logging and alerting
- Easier compliance through auditable controls and consistent enforcement
- The flexibility to secure workloads without slowing them down



Use Cases in Action

Healthcare platform protection

A cloud-based EHR platform secures sensitive patient data across user access, app tiers, and databases. The firewall inspects encrypted traffic, detects policy violations, and blocks zero-day threats — helping meet HIPAA and data privacy standards.

Internal threat detection in financial services

Banks monitor east-west traffic between microservices using Layer 7 inspection. The NGFW detects suspicious behaviour, blocks lateral movement, and logs activity for audit trails, improving response time and compliance.

DevSecOps integration for telecom apps

Teams integrate the firewall into CI/CD pipelines, enforcing policies from dev to production. With API access and real-time alerts, they secure DNS, customer data flows, and third-party integrations — without slowing release cycles.

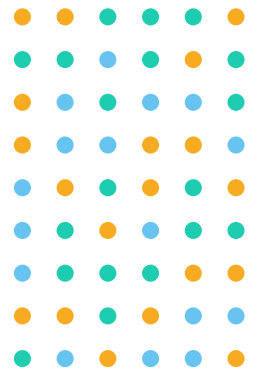
Who It's For

- **Cloud security architects**
design and implement segmentation and policy enforcement.
- **Security operations teams (SOC)**
monitor threats and respond in real time.
- **Network and firewall engineers**
manage traffic rules and troubleshoot flow issues.
- **CISOs and compliance leads**
ensure regulatory alignment across regions and workloads.
- **DevSecOps teams**
embed security into application delivery pipelines.



Why JioCloud

- **Cloud-native integration**
Seamlessly connects with virtual networks, offers identity management, and workload orchestration on JioCloud.
- **Localised threat intelligence**
Combines global insights with the Indian context to detect threats relevant to your region.
- **Regulatory readiness**
Deployed in-region to meet data residency requirements and national compliance mandates.
- **Enterprise support**
Backed by SLAs, dedicated support, and unified dashboards for control and visibility.



Secure Your Cloud Perimeter with Confidence

Visit ([website](#)) or to Contact us at jpl.cloudsales@ril.com or visit ([website](#)) to implement JioCloud Next Generation Firewall in your cloud setup.

