JioCloud

Kafka

Stream Events at Scale —Without Managing Kafka

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Run Kafka the enterprise way — high-throughput, always-on, and fully managed on JioCloud. No cluster headaches, no missed messages.

The Challenge

- Running Kafka in production at scale is a real challenge. Teams face real-time pressure to manage traffic spikes, lag, and failures — without slowing down delivery.

- Ensuring resilience with proper replication, monitoring, and recovery requires significant time, advanced tools, and deep expertise — resources most teams can't spare.

- For many, Kafka becomes a blocker instead of an enabler — when uptime, data integrity, and integration matter most.

The JioCloud Solution

JioCloud Kafka gives you a production-ready Kafka environment that scales with your data and doesn't distract your team. You get fast, reliable event streaming without the operational burden of managing brokers, partitions, or failover.

Provision clusters in minutes, stream data across apps and platforms, and let JioCloud take care of the behind-the-scenes operations — scaling, security, upgrades, and all.

Key Features

- **Fully managed Kafka setup**
  Launch Kafka clusters with best-practice configs — no setup hassles.

- **Scaling without downtime**
  The platform support partition growth request and throughput spikes seemlessly - so you don't have to restart anything.

- **High availability that just works**
  Traffic stays live during outages, thanks to built-in replication and configurable failover.

- **Built-in schema registry and connect**
  Keep your data structured and integrated across platforms — without building connectors from scratch.

- **Security built In**
  Protect data in motion and at rest with encryption, access control, and audit logging.

- **See what's happening, in real time**
  Track consumer lag, broker health, and topic metrics through simple, built-in dashboards.

- **Use Kafka as you know It**
  Compatible with existing workloads without rewrites.

- **No-impact upgrades**
  Updates and patches handled by the platform — with no downtime or deployment pauses.

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What You Gain

- **Faster builds, cleaner pipelines**
  Spend less time managing Kafka and more time building with it.

- **No surprise downtime**
  Resilient design, replication, and configurable failover keep your streams steady.

- **Smarter cost control**
  Scale based on actual traffic — avoid over-provisioning for peak

- **Peace of mind on security**
  Meet enterprise and regulatory standards with built-in data protections.

Use Cases in Action

Analytics that run in real time

Stream data from apps and systems straight into your data lake or warehouse — no delays.

Connected microservices

Let services talk to each other reliably with Kafka as the central message backbone.

IoT at scale

Ingest telemetry from sensors, devices, and machines across geographies.

Event-driven applications

Power instant notifications, actions, and workflows with responsive event flow.

Unified log processing

Collect and route logs from across your stack — with structure, order, and visibility.

Who It's For

CTOs and enterprise architects - Needing reliable, real-time data flows across systems.

Data platform and Infra teams - Wanting to simplify Kafka without giving up control.

App developers - Needing low-latency, API-driven event streaming.

DevOps and SREs - Tired of babysitting partitions and patching brokers.

Security and compliance leads - Focused on encryption, audit, and access policies.

Why JioCloud

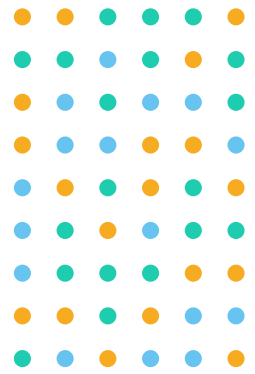**Kafka that fits your stack**
Works with your applications - no rewrites or lock-in.

Operated in India, customisable for all
Hosted in-region, built to meet local regulations and data policies - can be configured for regional regulations as per the installation.

SLA-backed uptime and support
Enterprise-grade SLAs and support that responds when it matters.

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Stream Smarter Kafka - Without the Ops Burden

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