

# Turn Kafka Outages from Hours of Revenue Loss into Minutes of Recovery

When your Kafka infrastructure fails, every hour costs six figures. Reduce recovery time by 95% with single-command failover that requires zero application changes.

## Enterprise Kafka has become mission-critical infrastructure.

Organizations running multiple clusters with hundreds of dependent applications face a harsh reality: manual failover that worked at small scale becomes impossible to coordinate when it matters most. Across financial services, airlines, and retail, we see teams with sophisticated Kafka deployments but recovery plans that require app-by-app reconfiguration, cross-team coordination, and risk data loss and security gaps during cutover.

01

### Manual failover requires massive coordination

Outages cost \$300-500k+ per hour while MTTA/I/R stretches from minutes into hours.

Achieving resilience requires updating configs across hundreds of apps and coordinating dozens of teams.

Unclear ownership and limited visibility make high-stakes recovery decisions nearly impossible.

02

### DR procedures can't be safely tested or validated

DR investment becomes unvalidated insurance with no proof it will work when needed.

Testing requires production risk, so drills happen rarely and runbooks go stale.

Teams discover procedure gaps during real incidents, turning recovery into guesswork.

03

### Invisible data, duplicated everywhere

Compliance blind spots during failover trigger audit findings and regulatory penalties.

Encryption and RBAC policies may be inconsistent across primary and backup clusters.

Post-incident scrambles to prove security was maintained throughout the event.

#### With Conduktor

Gateway routes traffic transparently, enabling single-command failover in minutes with zero app changes.

#### With Conduktor

Chaos testing validates application and infrastructure resilience without production risk.

#### With Conduktor

Encryption, RBAC, and audit logs enforced across both clusters automatically.

## IMPACT WITH CONDUKTOR

UP TO

**95%**

**Faster Recovery**  
vs. manual failover

STARTING AT

**\$250k**

**Annual Savings**  
From prevented kafka outages

AVERAGE OF

**60hrs**

**Saved Per Year**  
In incident response & coordination time

AVERAGE OF

**<2min**

**Ack to Resolution**  
From trigger to failover completion

## Major European Airline

### Disaster Recovery Across Mission-Critical Infrastructure

A major European airline running 15+ Kafka clusters across flight operations, payment processing, and customer-facing systems needed to dramatically reduce their failover time. Manual recovery procedures required 4+ hours of coordination across dozens of application teams, an unacceptable risk for systems where every minute of downtime impacts thousands of passengers and millions in revenue.

Using Conduktor Gateway, they reduced failover to a single call that routes traffic to backup clusters transparently with no application changes, team coordination, or manual runbook execution. The platform team now runs monthly DR drills with confidence, validating procedures without production risk.

<b>99.99%</b>	<b>4hrs → 5min</b>	<b>\$500k+</b>	<b>Tested</b>
Uptime achieved	MTTR reduction	Loss avoided annually	Failover procedures

## How We Do It

Conduktor Gateway sits between your applications and Kafka clusters, enabling instant failover without touching application code.

### Transparent Cluster Switching

- Applications connect to Gateway instead of directly to Kafka, so when you need to fail over, Gateway routes traffic to your backup cluster instantly.
- No servers changes, no app restarts, no team coordination.

### Chaos Testing

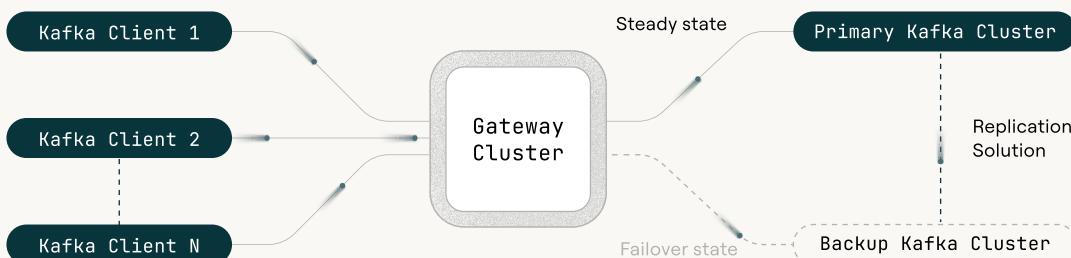
- Validate your DR procedures without production risk. Inject broker failures, simulate outages, and prove your recovery process works.
- Monthly drills become routine, not annual fire drills.

### Unified State Switching

- Gateway switches topic mappings, interceptor configs, consumer groups, and virtual cluster definitions to the backup cluster in a single operation.
- No manual reconfiguration, no drift between clusters.

### Consistent Security During Failover

- Encryption, RBAC policies, and audit logs stay enforced across both clusters, so auditors see continuous protection with no compliance gaps during disaster scenarios.
- Failover becomes a non-event for your compliance team.



Ready to automate  
Kafka failover?

Watch a 5 minute demo to see how  
Conduktor reduces infrastructure  
costs and accelerates migration.



See it in action now