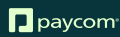
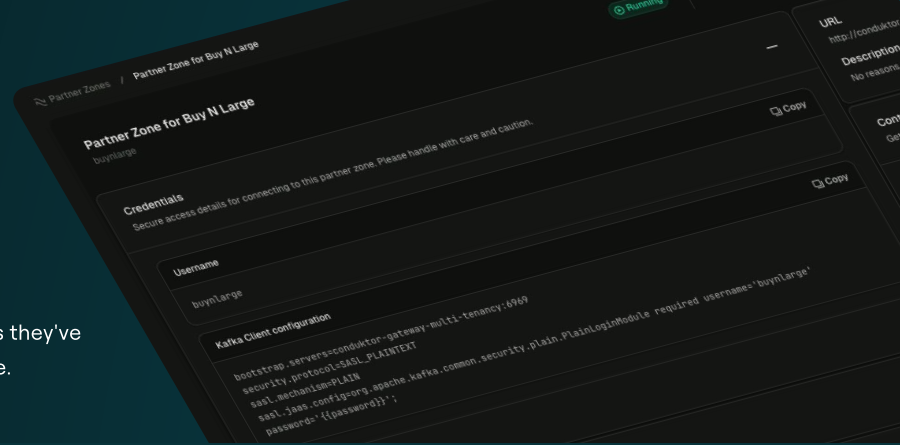




# Conduktor Gateway

Route. Protect. Transform.

An abstraction layer that gives platform teams the Kafka controls they've always wanted, without changing a single line of application code.



## Augment Your Infrastructure

Kafka is powerful, but it wasn't built for everything your organization needs. Gateway adds the capabilities that aren't there natively so you can tailor Kafka to your requirements, not the other way around.

+ User

Resource Type | Topic

+ Resource Name

AI Groups

SSO

Audit Log

Alerts

API Keys

Audit Log

admin@demo.dev bi-reports

admin@demo.dev order-rejected

admin@demo.dev order-validated

admin@demo.dev payment

### For Platform Teams

Scale Kafka across teams without multiplying infrastructure or complexity.

Customers.json

```
{customer_id:1003,"first_name":Paul,
{customer_id:1002,"first_name":John,
"first_name","*****"
"last_name","*****"
"email","*****"}}
```

### For Security & Compliance

Enforce encryption and data policies at the infrastructure layer, not in application code.

### KEY USE CASES

#### Disaster Recovery

Automated failover and chaos testing to validate recovery procedures safely.

#### Third-Party Data Sharing

Isolated Partner Zones for external access. Unlock new revenue streams.

#### Security & Data Protection

Centralized encryption, data quality, and compliance at the proxy layer.

#### Migration & Efficiency

Consolidate clusters and migrate to cloud with zero downtime or code changes.

## Routing, Resilience & Multi-tenancy

Core proxy capabilities that connect clients across networks, automate failover, and consolidate infrastructure.

### Client Routing & Access Control

Eliminate network barriers and centralize authentication across hybrid environments.

- Cross-network connectivity without client config changes
- Centralized schema management with per-subject authorization
- Simplified authentication across hybrid deployments

### Application Resilience

Maintain continuity during cluster migrations and failover without client-side changes.

- Zero-downtime migrations between any Kafka providers
- Seamless failover with unified state switching
- Test resilience by injecting broker failures, latency, and corruption

### Multi-tenancy & Virtualization

Deliver isolated Kafka environments to multiple teams without the cost of separate clusters.

- Lower infrastructure costs with isolated logical environments
- 90%+ partition reduction by concentrating low-volume topics
- Transparent topic renaming without client changes

### Performance & Efficiency

Reduce broker load and serve filtered views without duplicating data or adding infrastructure.

- Filtered views without duplication using SQL-based projections
- Faster high-frequency reads by caching messages in memory
- Transparent large payload offload to S3 or Azure Blob

## External Data Sharing

Share Kafka data with external partners without exposing infrastructure or duplicating pipelines.

### Partner Access & Data Sharing

# Data & Platform Protection

Prevent misconfigurations, enforce data quality, and protect sensitive data at the proxy layer.

## Platform Guardrails

Eliminate noisy neighbors with rate limits per tenant or virtual cluster

- ✔ Prevent production issues by enforcing naming, partition, and retention policies
- ✔ Enforce organizational standards before issues reach production
- ✔ Enforce best practices by requiring acks, compression, and idempotence
- ✔ Control metadata centrally by transforming headers without code changes

## Data Quality

Stop malformed data at the source, not after it breaks downstream systems

- ✔ Detect degradation early by validating against Avro, Protobuf, or JSON Schema
- ✔ Block bad data at the source with expression-based cross-field validation
- ✔ Protect downstream systems by routing invalid records to dead letter topics
- ✔ Flexible enforcement to block individual records or entire batches

## Data Confidentiality

Centralized encryption across all applications without per-team implementation.

- ✔ Protect fields selectively while keeping the rest of the message readable
- ✔ Prevent config drift with standardized connections to Vault, AWS, Azure, GCP, and Fortanix
- ✔ Enable analytics on protected data with format-preserving tokenization
- ✔ Delete data without touching messages via crypto shredding

## Data Integrity

Verify message authenticity and detect tampering for audit and chain-of-custody.

- ✔ Prove message authenticity with transparent cryptographic signing
- ✔ Detect tampering automatically with configurable drop or alert policies
- ✔ Manage signing keys centrally with versioned storage via Vault

# Measurable Impact

Real results from platform teams using Conductor.

UP TO

95%

Faster Recovery  
vs. manual failover

CUT BY

97%

Partner Onboarding  
From 6 months to 2 weeks

ACHIEVE

Zero

Config Drift  
Encryption & policies enforced  
uniformly across all apps

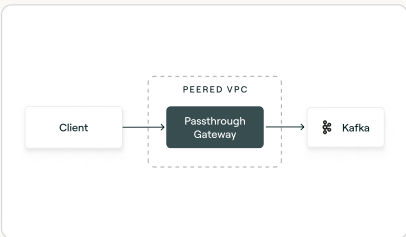
REDUCE

20-40%

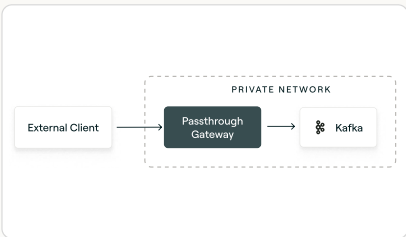
Infrastructure Costs  
Through consolidation & migration

# Conductor Passthrough Gateway

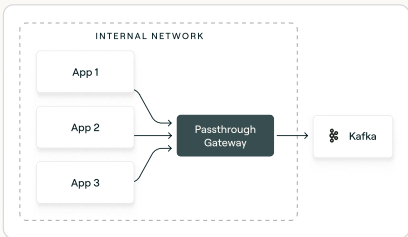
An Apache Kafka proxy that translates broker addresses across networks, without changing the brokers, credentials, or auth model. Scale beyond your cluster's peering cap, expose private clusters externally, or funnel many internal clients through one auditable egress.



Reach Kafka without extra peerings



Reach private clusters from outside



Single egress point



Request Your  
Passthrough License

Free to use. We'll send your license and install instructions by email within 1 business day.

