Confluent Platform for IBM Cloud Pak® for Integration

Develop modern apps with the leading enterprise platform for harnessing data in motion

Make smarter decisions with real-time data

Event-driven architecture and continuous analysis of streaming data allow modern enterprises to access all their data in real time. These event-driven services and applications are more important than ever, allowing organizations to move with agility and provide better customer experiences. However, finding the technical resources to support these continuous services remains a challenge.

IBM is partnering with the leading data-in-motion solution provider, Confluent, to support a broad range of integration styles and use cases. Confluent Platform is an enterprise-ready distribution of Apache Kafka that unifies real-time and historical events, enabling organizations to build modern, data-in-motion applications. The solution includes IBM support for Confluent software.

Highlights

– Use real-time data to make intelligent business decisions

– Build event-driven services and applications

– Support multiple styles of integration, such as API, application, messaging, file and events

Capabilities

Confluent Platform for IBM Cloud Pak for Integration is designed to help accelerate application development, enable digital transformation and simplify enterprise operations at scale. It delivers:

Hybrid cloud integration
Leverage multiple integration styles to connect applications and data across cloud and on-premises environments.

Real-time interactions
Act on events to enable ultra-responsive customer experiences that drive more engaging digital interactions.

Transactional integrity
Protect inflight data from being lost during outages with automated workload scaling.

Features and benefits

Features	Benefits
Pre-built connectors	**Support developer innovation** and simplify integrations.
Automated deployment	**Reduce costs** when deploying at scale.
Support for multiple styles of integration	**Enable choice and flexibility** when choosing integration vendors.
Real-time data capture	**Proactively push data** from your backend systems to your APIs before it's required.
Production-stage readiness	**Ensure compliance and security requirements are met** with RBAC, audit logs and secret protection.
Governance and compliance	**Detect abnormal behavior** and identify potential security threats with structured audit logs.
Incident resolution	**Reduce time and errors** when provisioning and configuring clusters with automated deployments.
Built-in cost optimization	**Minimize operational costs** while enabling high performance and scalability with features such as self-balancing clusters and tiered storage.
100+ pre-built conductors	**Accelerate availability** of existing data services and event streams.
ksqlDB purpose-built database for event streaming	**Build end-to-end event streaming applications quickly** with a purpose-built stream processing database for Apache Kafka.
Multi-region clusters	**Lower your risk** of downtime.

Summary

IBM offers an integrated suite that enables businesses to manage the entire lifecycle of their integrations— API, event-based, application and transactional. Together with the Confluent Platform, IBM enables event-driven patterns to get the right data to where it's needed, before it's needed. Confluent Platform for IBM Cloud Pak for Integration allows you to react to events in real time, create personalized customer experiences, and harness live insights about your business.

For more information

To learn more about Confluent Platform for IBM Cloud Pak for Integration, please contact your IBM representative or IBM Business Partner, or visit ibm.com/products/confluent.

Why IBM?

IBM provides the most comprehensive and consistent approach to development, security and operations across all of your cloud, on-premises and edge environments. Our full-stack cloud platform offers more than 170 products and services covering data, containers, AI, IoT, and blockchain. IBM also has a global services team that can help you adopt our technology, optimize your software development and delivery, and quickly develop and deliver reliable and secure software innovation.

IBM