Connect to Any Data Source and Deliver to Any Destination

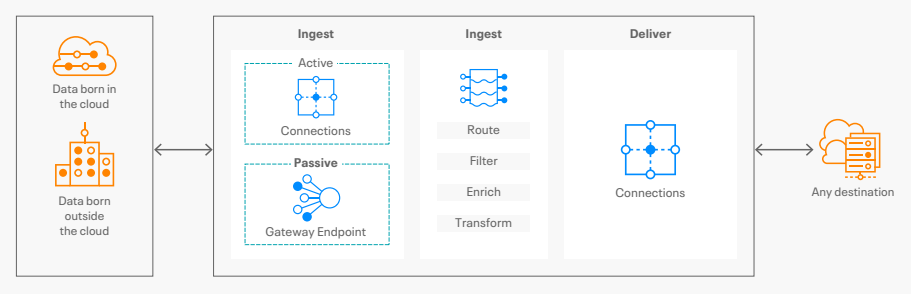
CLOUDERA DATAFLOW

Why Cloudera DataFlow?

- Ingest & move data in a hybrid world with an ecosystem of 450+ connectors that connect to and distribute data from the edge and on-premises data centers, to SaaS solutions, and public clouds
- Low-code developer tooling to simplify and accelerate onboarding and managing of new data sources with a low-code, extensible visual flow designer
- Two NiFi optimized runtimes — [1] for real-time, always running workloads with DataFlow deployments and [2] for event-driven, short-lived batch jobs with DataFlow Functions
- Built-in data provenance – only product in the market to offer out-of-the-box data lineage tracking and provenance for data in motion
- Enterprise-grade security & governance — deploy your data flow with confidence and trust
- CDF-PC is built on Apache NiFi — the proven, scalable open source data movement engine
- Maintain development velocity with a development canvas that offers self-service author-once-deploy anywhere capabilities

Powered by Apache NiFi, Cloudera DataFlow for the Public Cloud (CDF-PC) enables data professionals to connect to any data source anywhere with any structure, process it, and deliver to any destination using a low-code authoring experience.

Connect to Any Data Source Anywhere, Process, and Deliver to Any Destination

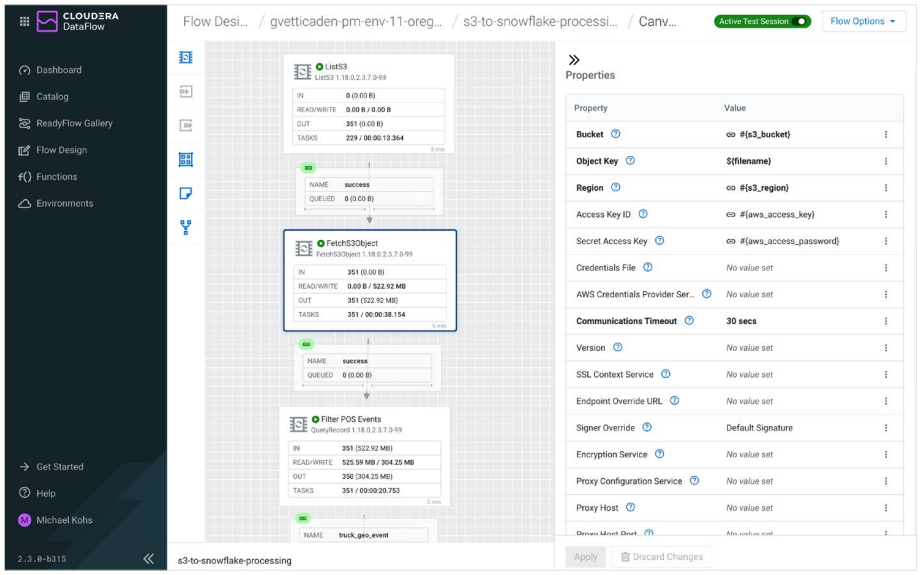


Design

CDF-PC offers a flow-based, low-code development paradigm that aligns best with how developers design, develop, and test data distribution pipelines.

The user interface allows developers to quickly build sophisticated data flow pipelines with drag-and-drop ease.

And with an ecosystem of 450+ connectors, enterprises can connect to a wide array of data sources and destinations, such as Confluent Cloud or Snowflake, and services offered by AWS, Azure, and Google Cloud Platform.



Key Features

DATAFLOW DESIGNER

DataFlow Designer accelerates the development and deployment of data pipelines, maximizing resource efficiency by enabling self service across the entire flow lifecycle and automatically provisioning infrastructure only as needed at each step.

SERVERLESS FLOW FUNCTIONS

DataFlow Functions provide an efficient, cost optimized, scalable way to run NiFi flows in a completely serverless fashion for event-driven use cases.

AUTO-SCALING FLOW DEPLOYMENTS

NiFi Flow Deployments automatically scale up and down based on CPU utilization. Infrastructure costs can be controlled by setting minimum and maximum boundaries for auto-scaling.

EFFICIENT CONNECTIVITY & PRE-DEFINED FLOWS

Connect to any data source or sink with rich NiFi processor library and pre-built ready flows for quick configuration and deployment.

CENTRAL MONITORING DASHBOARD & KPIS

Monitor all your NiFI flow deployments in a single dashboard, no matter on which cloud they're running. Track important flow performance metrics by defining KPI alerts for your flow deployments.

SECURE INBOUND CONNECTIONS

Easily provision secure, stable, and scalable endpoints, making it easy for any application to send data to flow deployments.

CI/CD INTEGRATION

CDF-PC is built with automation in mind. Any action that is performed in the UI can be turned into a CLI statement for automation. Deploying a new NiFi flow is as easy as executing a single CLI command.

About Cloudera

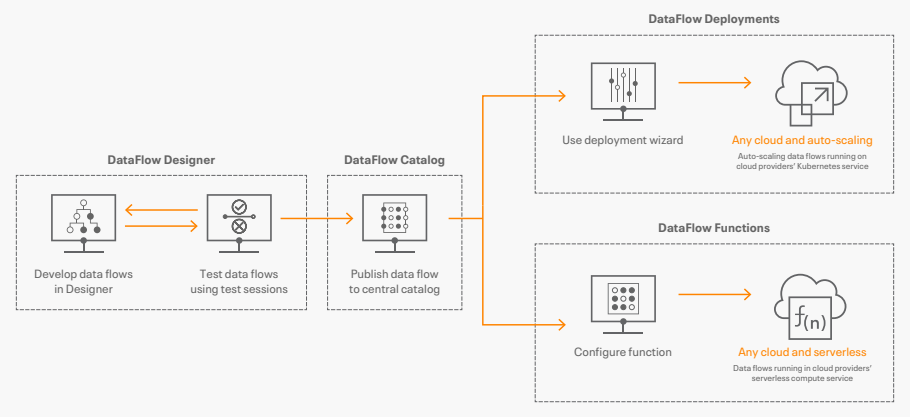
At Cloudera, we believe that data can make what is impossible today, possible tomorrow. We empower people to transform complex data into clear and actionable insights. Cloudera delivers an enterprise data cloud for any data, anywhere, from the Edge to AI. Powered by the relentless innovation of the open source community, Cloudera advances digital transformation for the world's largest enterprises.

Learn more at cloudera.com

Deploy

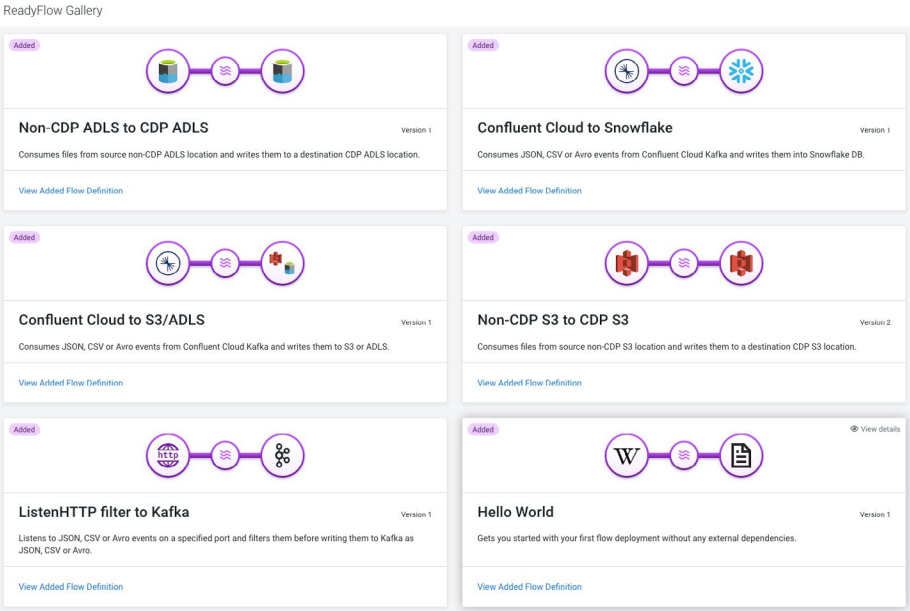
CDF-PC offers two ways to run Apache NiFi data flows: DataFlow deployments and DataFlow Functions:

- Deployments runtime is optimized for high-throughput, low-latency streaming use cases
- Functions runtime is best suited for event-driven, short-lived use cases



ReadyFlow Gallery

CDP-PC also includes pre-built flow templates for common use cases that can be easily customized in just minutes and deployed to production.



Learn more

Checkout **cloudera.com/products/dataflow** to learn more.

CLOUDERA

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