

PROFESSIONAL SERVICES

Confluent Cloud – Architecture Workshop

Engagement Objectives

Confluent Cloud removes a lot of the operational complexity involved in architecting and designing an event streaming platform, however, there are still a number of topics to consider to ensure your investment is a success. By having a Confluent Professional Services expert work directly with your team during this critical early stage, you can greatly increase the chance of success, and make sure that you are following established best practices and design patterns.

Workshop concept: This workshop is the foundation of your journey with Confluent, where we work with your team to assess your business and technical goals, working with you to iterate on a streaming platform design that you then develop and implement. Calling on knowledge gained from hundreds of previous customer engagements, the Confluent Professional Services will advise on how best to use each product component, share best practices and flag potential pitfalls.

Benefits

- Confluent validation that architecture is appropriate for your use case
- Knowledge transfer specific to your team's level of understanding
- Targeted recommendations specific to your business and use case
- Acceleration of design phase and time to value

Prerequisites

- Upcoming or an active Confluent Cloud project
- One or more staff having completed the Confluent Operations & Developer training

Who should attend?

- Software developers
- Operations staff responsible for an upcoming application deployment
- Architects
- Product/project owner

Engagement Location

This engagement is typically delivered on-site, in a room with a whiteboard and a screen, or projector. May be conducted via remote sessions upon request.

Engagement Activities

Pre-engagement survey and kick-off call

- Align on the engagement expectations and goals
- Preparation of the final agenda
- Confirm logistics

On-site workshop (sample agenda):

- Use case walkthrough
- Hardware sizing for KSQL, Kafka Streams, Confluent Replicator, Kafka Connect, Confluent Control center
- Data ingestion/exposure
- Hybrid Cloud cluster strategy
- Data modeling
- Transformation: data quality assessment, streaming transformation, enrichment
- Networking for public cloud a hybrid cloud
- Monitoring (non-Confluent Cloud-hosted components, infrastructure, end-to-end)
- Application design
- Governance design
- Discuss Data lineage
- Connecting self-hosted CP components to Confluent Cloud
- Connector tab enhancement

Discussion of considerations & recommendations, including the following:

- Patterns to guarantee data delivery and processing
- Integration with surrounding systems
- Approaches and tradeoffs in designing real-time stream processing applications

Post-engagement report delivery

- Survey and a follow-up call

Knowledge Transfer and Documentation

Post-workshop, the Confluent expert will provide a peer-reviewed report with a written summary of their recommendations, which may include:

1. An architecture design for your use case
2. Findings and best-practice recommendations
3. Design patterns for integrations, delivery, and processing
4. Scalability and high availability recommendations
5. Potential testing recommendations

Outcomes

- Agenda specific to your requirements
- On-site workshop
- Confluent peer-reviewed best practice recommendations report
- Follow up call to walk through the report

Out of Scope

- Self-managed cloud discussion (self-managed Confluent Platform architecture workshop can be purchased separately, we also offer consulting modules covering cloud migration and hybrid cloud deployments)
- Deep dive of topics. The workshop is designed to be broad, not deep. Additional modules are available for any specific topics that need to be covered in depth.

Terms & Conditions

This engagement is governed by the terms and conditions specified in your order with Confluent.

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