



Verified Integration Program

Verification and Submission Checklist:

Sources and Sinks using Kafka Connect



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Revision History

Versions	Date	Author	Description
0.1	May 16 2019	jwfbean@confluent.io	Merged content from prior integration verification guide, partner developer guide for connectors, and connector development process guide.
0.2	Jun 4 2019	jwfbean@confluent.io	Separation of checklist from verification guide.

Overview

This document defines the criteria Confluent employs to verify a connector with at the **gold** level.

Development Resources

- Kafka Connect [overview](#), [concepts](#) and [architecture](#)
- [Kafka Connect developer guide](#)
- Sample sink connector: [S3](#)
- Sample sink connector: [Elasticsearch](#)
- Sample source connector: [JDBC](#)
- Sample source and sink connector: [Couchbase](#)
- Questions? Email vip@confluent.io

Verification Process

The verified integration program is broken up into the following phases. This details the meaning of each phase and the criteria for exiting it.

Initiated

A connector initiative has been identified and the partner and Confluent have agreed to work together on it.

Deliverable: A 2 page product brief describing the connector and the partner information.

Guidance

The connector is actively being developed. Confluent can provide both development (Q&A) support as well as process support.

Deliverable: A connector for verification with the checklist below.

Submitted

The connector is being evaluated by Confluent. There may be some revision and further discussion in this process.



Deliverable: A completed verification report including a filled out checklist of verification criteria.

Verified

The connector has been verified by Confluent.

Deliverable(s): A card on the Confluent hub. An entry in the Confluent internal repository for field enablement. Blogs, co-marketing, etc.



Submission Checklist

Integrations for verification can be submitted via email to vip@confluent.io

Software Package	
Link to github, maven repo, dropbox URL, etc	
Documentation	
Product Brief	
Quickstart / Tutorial	
Additional Guides	
Test Results	
Scheduled Demonstration with Confluent	

Verification Criteria (* = required)

Overall		Documentation	
Implement the Kafka Connect API*		Connect API version used*	
Source or Sink*		Confluent platform supported versions*	
Fully supported*		Partner product supported versions*	
Technical and Business Contacts*		Supported data types*	
License*		Schema evolution compatibility policies	
Functionality		Configurations*	
Usable with Avro or JSON converters		Quickstart guide / Tutorial	
Uses or supports Single Message Transforms			
Exactly-once support			
Configurable*			
Internals and Supportability			
Error handling*			
Logging*			
Metrics			
Graceful back-off			
Packaging*			
Testing*			
Unit tests			
System tests			
Confluent Platform integration tests			
Performance tests			