

Confluent credential: Serialization

How to setup confluent Kafka.

1. [Account Setup](#)
2. [Cluster Setup](#)
3. [Kafka Topic](#)
4. [Obtain Cloud secrets](#)
5. [Obtain Schema secrets](#)

What to get?

- API KEY and Secret (download needed)

The screenshot shows the 'Create key' page in the Confluent Cloud interface. It has two main sections: '1. Access control' and '2. Get your API key'. Under '2. Get your API key', there is a note: 'Use this API key to connect with the cluster. Store the API key and secret below somewhere safe. This is the only time you'll see the secret.' Below this are 'Key' and 'Secret' fields, both highlighted with red boxes. A note says 'These credentials can take up to one minute to propagate.' There is also a 'Description' input field and a large red box around the 'Download and continue' button at the bottom.

- ENDPOINT API URL

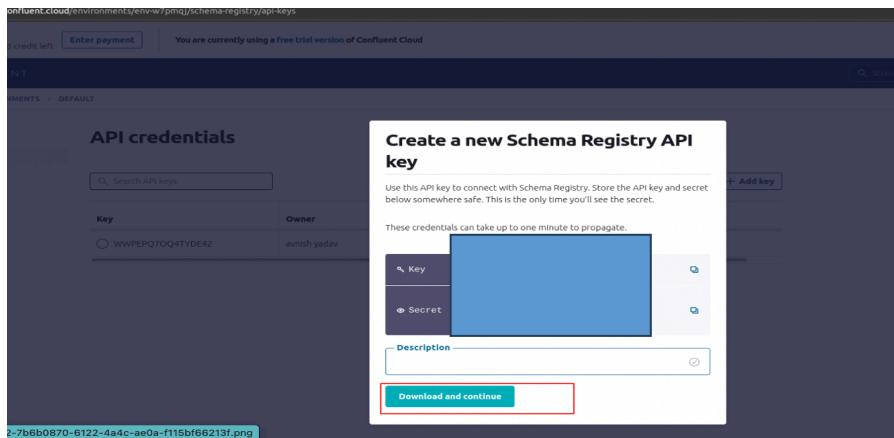
The screenshot shows the 'Clusters' page in the Confluent Cloud interface. It lists a single cluster named 'cluster_0'. On the right side, under 'Stream Governance package', it shows 'Essentials' and 'Google Cloud Platform (on-prem)'. Below this is a section for 'Stream Governance API' with an 'Endpoint' field containing the value 'lrc-vfjgq0', which is also highlighted with a red box. A note at the bottom says 'If you're just getting started, see [use cases and examples](#)'.

- **BOOTSTRAP SERVER:**

The screenshot shows the Confluent Cloud Cluster Settings page. On the left, there's a sidebar with options like Cluster Overview, Networking, API Keys, Cluster Settings (which is selected), Stream Lineage, Stream Designer, Topics, ksqlDB, Connectors, and Clients. The main area has tabs for General and Capacity. Under General, there's a section for Identification (Name: cluster_0, Cluster ID: lkc-0358vq) and Endpoints (Bootstrap server, REST endpoint). A red box highlights the REST endpoint. Below that is a section for Cloud details (Provider: GCP, Region: us-west4, Availability: Single zone). At the bottom, there's a Cluster type section with Basic (Includes 10 free partitions) and Advanced (Includes 100 partitions) options, and a note about upgrading to a licensed cluster for production-ready features.

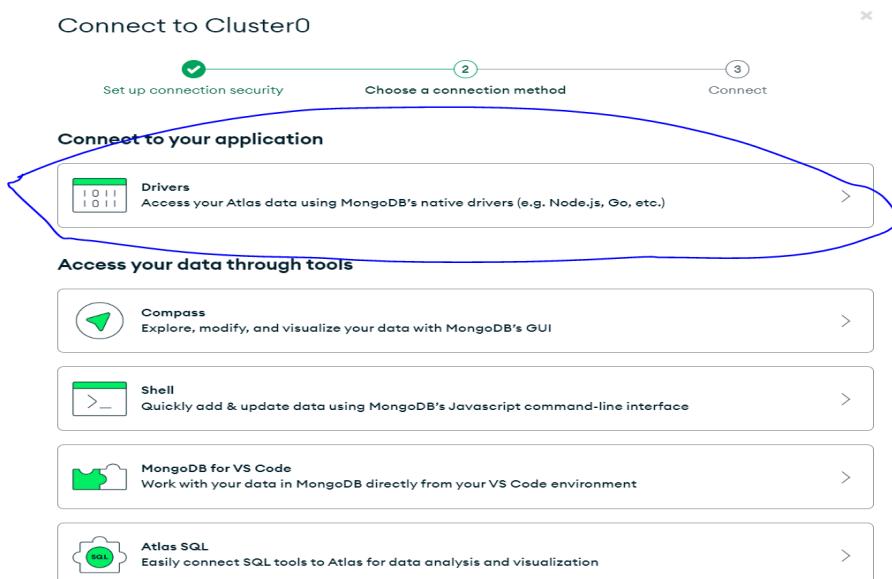
- **Schema Registry API KEY and Secret**

The screenshot shows the Confluent Cloud Cluster Overview page. On the left, there's a sidebar with Data portal, Cluster links, Stream shares, and Support. The main area shows a cluster named "cluster_0" with "Live (1)" status. It displays Metrics (Production: 0B/s, Consumption: 0B/s, Storage: 94.48MB), Resources (ksqlDB: 0, Connectors: 0, Clients: 2), and an Overview (ID: lkc-0358vq, Type: Basic, Provider & region: GCP | us-west4). To the right, there's a Stream Governance package section with Essentials (Stream Governance API, Schema Registry and Stream Catalog API) and a note about upgrading to a licensed cluster for production-ready features. At the bottom, there's a Stream Governance API section with an ID (lkc-0358vq0), an Endpoint (redacted), and a Credentials section with a "1 key View & Generate" button. A red box highlights this button.



Deserialization

Connect to MongoDb Atlas:



Connecting with MongoDB Driver

- Select your driver and version**

We recommend installing and using the latest driver version.

Driver	Version
Python	3.6 or later

- Install your driver**

Run the following on the command line
Note: Use appropriate Python 3 executable

```
python -m pip install "pymongo[srv]==3.6"
```

[View MongoDB Python Driver installation instructions](#)

- Add your connection string into your application code**

View full code sample

```
mongodb+srv://gulhanerasika:<password>@cluster0.yk2gnsm.mongodb.net/?retryWrites=true&w=majority
```

Replace <password> with the password for the **gulhanerasika** user. Ensure any option params are URL encoded

RESOURCES

- [Get started with the Python Driver](#)
- [Access your Database Users](#)
- [Python Starter Sample App](#)
- [Troubleshoot Connections](#)

[Go Back](#) [Close](#)

All Clusters Get Help

Edit Config

Load sample dataset

FREE

Data Size 0.0 B / 512.0 MB Last 7 minutes 512.0 MB

ATLAS SEARCH Create Index

Mondb Compass

cluster0.yk2gns... RG_MongoDB.car

Documents Aggregations Schema Indexes Validation

Filter Type a query: { field: 'value' } or [Generate query](#) Explain Re

[ADD DATA](#) [EXPORT DATA](#) [UPDATE](#) [DELETE](#)

1 – 20 of 3000

```
_id: ObjectId('65bfff4a62eb94685288b9406')
class: "pos"
aa_000: "912384"
ab_000: "na"
ac_000: "na"
ad_000: "na"
ae_000: "na"
af_000: "na"
ag_000: "na"
ag_001: "na"
ag_002: "na"
ag_003: "na"
ag_004: "12410"
ag_005: "3444142"
ag_006: "46023314"
ag_007: "16217464"
ag_008: "522104"
ag_009: "9322"
ah_000: "25738014"
ai_000: "25152"
aj_000: "88"
ak_000: "na"
al_000: "na"
am_0: "0"
an_000: "48265972"
```

[SHOW 147 MORE FIELDS](#)

Connecting with MongoDB D

- Select your driver and version**

We recommend installing and using the latest driver version.

Driver	Version
Python	3.6 or later

- Install your driver**

Run the following on the command line
Note: Use appropriate Python 3 executable

```
python -m pip install "pymong
```

[View MongoDB Python Driver installation](#)

- Add your connection string info**

View full code sample

```
mongodb+srv://gulhanerasika:<password>@cluster0.yk2gnsm.mongodb.net/?retryWrites=true&w=majority
```

Replace <password> with the password for the **gulhanerasika** user. Ensure any option params are URL encoded

RESOURCES

- [Get started with the Python Driver](#)
- [Access your Database Users](#)

[Go Back](#)

Deleted:

MongoDB Compass – cluster0.odlnyycj.mongodb.net/MaheshDB.car

Connect Edit View Collection Help

cluster0.odlnyycj... Documents MaheshDB.car

My Queries Databases

Search

RG_MongoDB car admin local

Documents Aggregations Schema

Filter Type a query: { field: 'value' } Explain Re

[ADD DATA](#) [EXPORT DATA](#)

```
_id ObjectId class String
1 ObjectId('654940c530e998aa1d5d5...'). "pos"
2 ObjectId('654940c2b9e998aa1d5d6..."). "pos"
3 ObjectId('654940c2b9e998aa1d5d5..."). "pos"
4 ObjectId('654940c2b9e998aa1d5d6..."). "pos"
5 ObjectId('654940c2b9e998aa1d5d5..."). "pos"
6 ObjectId('654940c2b9e998aa1d5d6..."). "pos"
7 ObjectId('654940c2b9e998aa1d5d5..."). "pos"
8 ObjectId('654940c2b9e998aa1d5d6..."). "pos"
9 ObjectId('654940c2b9e998aa1d5d5..."). "pos"
10 ObjectId('654940c2b9e998aa1d5d5..."). "pos"
11 ObjectId('654940c2b9e998aa1d5d6..."). "pos"
12 ObjectId('654940c2b9e998aa1d5d5..."). "pos"
13 ObjectId('654940c2b9e998aa1d5d6..."). "pos"
```

[Deleted:](#)