

# Confluent Control Center Installation

This topic offers instruction for installing Control Center.

## Single-node manual installation

Use these steps for single-node manual installation of Control Center with Confluent Platform.

### Archive

Install Control Center and Confluent Platform using archives on a single node.

#### Considerations:

- Control Center introduces a new directory structure that differs from the directory structure used with Control Center (Legacy).
- In earlier versions of the Confluent Platform, there was a single main directory, commonly referenced as CONFLUENT\_HOME and all components, including Control Center (Legacy), were inside this main directory (i.e. CONFLUENT\_HOME/control-center).
- Control Center now has its own top-level directory, CONTROL\_CENTER\_HOME.
- CONTROL\_CENTER\_HOME is placed at the same hierarchical level as CONFLUENT\_HOME, not inside it.
- The steps below offer the optimal order in which to install Confluent Platform with Control Center.

#### Prerequisites:

- Provision a new virtual machine (VM) for Control Center on the same network as the Confluent Platform clusters that you want to monitor.
- Install the same version of openjdk that is on your existing Control Center (Legacy) (openjdk-8-jdk, openjdk-11-jdk, or openjdk-17-jdk).
- On the Control Center VM, open ports 9090 (Control Center) and 9021 (Control Center user interface).
- On every broker or KRaft controller, ensure that you can send outgoing http traffic to port 9090 on the Control Center VM.

## KRaft

Confluent Platform 8.1

### Considerations:

- With local installations, the default port settings are as follows: Alertmanager uses port 9098 and controllers in KRaft mode use port 9093.
- Download the Confluent Platform archive 8.1 and run these commands:
  - `wget https://packages.confluent.io/archive/8.1/confluent-8.1.0.tar.gz`
  - `tar -xvf confluent-8.1.0.tar.gz`
  - `cd confluent-8.1.0`
  - `export CONFLUENT_HOME=`pwd``
  - Download the Control Center archive and run these commands:
  - `wget https://packages.confluent.io/confluent-control-center-next-gen/archive/confluent-control-center-next-gen-2.3.0.tar.gz`
  - `tar -xvf confluent-control-center-next-gen-2.3.0.tar.gz`
  - `cd confluent-control-center-next-gen-2.3.0`
  - `export CONTROL_CENTER_HOME=`pwd``
  - Change directory to the `$CONFLUENT_HOME/bin` directory:
  - `export PATH=$PATH:$CONFLUENT_HOME/bin`
  - Use the Confluent CLI to run the following command:
  - `confluent local services start`

### Verify Control Center is running

After the installation is complete, visit `http(s)://<c3-url>:9021` and wait for the metrics to start showing up in Control Center. It may take a couple of minutes. Control Center looks exactly like Control Center (Legacy).

To confirm Control Center is running, use the following steps:

- Open the network tab in Control Center.
- Reload Control Center.
- Locate the following API call: `/2.0/feature/flags`

4. Verify the following key is present in the response:  
response: confluent.controlcenter.prometheus.enable: true