Cloudera Flow Management 1.1.0

Support Matrix

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CLOUDERA

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Review System Requirements

Before getting started with the Cloudera Flow Management (CFM) installation, it is helpful to review the system requirements.

System requirements

- JDK 8 – If your cluster is already configured with JDK 8, you may skip this step. If not, install JDK 8 before proceeding.

  Note:

  If you are using Java 8, do not use JDK 8u271. JDK 8u271 may cause socket leak issues in NiFi due to JDK-8245417.
- ZooKeeper – You may add the ZooKeeper service available with your CDH cluster.
- CFM supports Cloudera Manager and CDH versions 6.x and 5.x. This documentation assumes you already have a CDH cluster installed. If you do not, see the Cloudera Manager installation documentation.

Supported operating systems

CFM supports the following operating systems:

Operating system	Versions
CentOS/RHEL	- 7.2 - 7.3 - 7.4 - 7.5 - 7.6 - 7.7 - 7.8
SLES	- 12 SP3 - 12 SP5
Ubuntu	- 16.04 - 18.04

Cloudera services support

The following tables include information about which Cloudera services are supported in CFM.

Table 1: Data stores

Cloudera Service	Supported?	CDH Version	Apache Version
HBase	Yes	5.5.6 +	1.0.0 +
HDFS	Yes	5.5.6 +	2.6.0 +
Hive	Yes	5.12 +; No 6.x support	1.1 +
Impala	Yes	5.5.6 +	2.3.0 +
Kudu	Yes	5.13.0 +	1.5.0 +
Solr	Yes	5.5.6 +	4.10.3

Table 2: Data movement and processing

Cloudera Service	Supported?	CDH Version	Apache Version
Kafka	Yes	5.5.6 +	0.10.0 +
Spark	Yes	5.5.6 +	1.5.0 +
Flume	Yes	5.5.6 +	1.6.0 +
Sqoop	No	N/A	N/A
Pig	No	N/A	N/A

Table 3: Storage formats

Cloudera Service	Supported?	CDH Version	Apache Version
Avro	Yes	5.5.6 +	1.7.6 +
Kite (SDK)	Yes	5.5.6 +	1.0.0 + (not ASF)
Parquet	Yes	5.5.6 +	1.5.0 +

Table 4: Enterprise services

Cloudera Service	Supported?	CDH Versions
Cloudera Manager	Yes	5.5.6 +
Sentry	No	N/A
Navigator	No	N/A
HUE	N/A	N/A