

Cloudera Flow Management 1

# Cloudera Flow Management Release Notes

**Date of Publish:** 2019-04-15



<https://docs.hortonworks.com/>

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## What's New in This Release?

Cloudera Flow Management (CFM) is a no-code data ingestion and management solution powered by Apache NiFi. With NiFi's intuitive graphical interface and processors, CFM delivers highly scalable data movement, transformation, and management capabilities to the enterprise.

CFM includes two primary components:

- Apache NiFi – the core data ingestion engine that has a no-code graphical user interface and supports processors for connectivity, transformation, and content routing.
- Apache NiFi Registry – The companion to NiFi that enables DevOps style development and deployment of flow files. It also supports flow versioning, promoting flows from one environment into another, and flow deployment.

## Unsupported Features

The following features are developed and tested by the Cloudera community but are not officially supported by Cloudera. These features are excluded for a variety of reasons, including insufficient reliability or incomplete test case coverage, declaration of non-production readiness by the community at large, and feature deviation from Cloudera best practices. Do not use these features in your production environments.

### Unsupported NiFi Processors

- InferAvroSchema
- ISPErichIP
- ListenBeats
- ListenLumberjack
- ListenSMTP
- ModifyBytes
- MoveHDFS
- ParseNetflowv5
- ParseSyslog5424
- PublishKafka\_0\_10
- PublishKafka\_0\_11
- PutCassandraRecord
- PutDynamoDB
- PutIgniteCache
- PutMongo
- PutMongoRecord
- PutSlack
- PutTCP
- PutUDP
- QueryDNS
- RunMongoAggregation
- SetSNMP
- SpringContextProcessor
- StoreInKiteDataset

## Apache Patches

The following sections list patches in each CFM 1.0.0 component beyond what was fixed in the base version of the Apache component.

### NiFi Patches

This release includes Apache NiFi 1.9.0 and the following patches.

- [NIFI-6040](#): ExecuteSQL can't perform batch loading with an input file
- [NIFI-6055](#): Improve error handling during auto-loading of NARs
- [NIFI-6056](#): Cassandra services NAR incorrectly bundles nifi-mock jar
- [NIFI-6059](#): GCS processors throw NullPointerException if Project ID property is not specified
- [NIFI-6065](#): Root Group Ports "waiting" too long
- [NIFI-6068](#): StandardFunnel looping excessively
- [NIFI-6069](#): Incorrect sorting of connection relationships during flow fingerprinting
- [NIFI-6088](#): JSON Record Readers sometimes infer types too narrow for the values, leading to truncation
- [NIFI-6105](#): Arrays of records/maps not handled correctly in Record processors
- [NIFI-6108](#): Port names in nested PGs get changed when importing from Registry
- [NIFI-6110](#): FlowFile Repository can fail to update
- [NIFI-6111](#): View Status History not showing proper values for cluster aggregate values
- [NIFI-6150](#): Content Repo not getting cleaned up
- [NIFI-6155](#): Framework task that checks if a component should run is not protected by try/catch

### NiFi Registry Patches

This release includes Apache NiFi Registry 0.3.0 and the following patches.

- [NIFIREG-229](#): Handle error in LDAP sync background thread.
- [NIFIREG-225](#): NPE when an access policy contains a deleted group.
- [NIFIREG-217](#): In NiFi user identities can be forced to upper or lower case, can that functionality be implemented in NiFi Registry.
- [NIFIREG-210](#): Document-links are incorrect in documentation.jsp.
- [NIFIREG-209](#): Support rebuilding metadata DB from Git repo.
- [NIFIREG-205](#): NiFi Registry DB gets out of sync with git repository, no apparent remediation.

## Known Issues

Summarizes known issues for this release.

Issue: TLS properties were not set as default properties for NiFi Registry in CM.

Workaround: To work around this issue, you can use the Safety Valve entry for the following properties:

```
xml.identityProviders.provider.ldap-provider.property.TLS - Keystore
xml.identityProviders.provider.ldap-provider.property.TLS - Keystore
  Password
xml.identityProviders.provider.ldap-provider.property.TLS - Keystore Type
xml.identityProviders.provider.ldap-provider.property.TLS - Truststore
```

```
xml.identityProviders.provider.ldap-provider.property.TLS - Truststore
Password
xml.identityProviders.provider.ldap-provider.property.TLS - Truststore Type
xml.identityProviders.provider.ldap-provider.property.TLS - Client Auth
xml.identityProviders.provider.ldap-provider.property.TLS - Protocol
xml.identityProviders.provider.ldap-provider.property.TLS - Shutdown
Gracefully
```

## Software Download Locations

Use the following tables to identify the Cloudera Flow Management (CFM) repository location for your operating system and operational objectives.

**Table 1: CentOS 7**

File	Location
Public repository for parcel downloads	<a href="http://archive.cloudera.com/CFM/parcels/1.0.0.0">http://archive.cloudera.com/CFM/parcels/1.0.0.0</a>
Parcel	<a href="http://archive.cloudera.com/CFM/parcels/1.0.0.0/CFM-1.0.0.0-el7.parcel">http://archive.cloudera.com/CFM/parcels/1.0.0.0/CFM-1.0.0.0-el7.parcel</a>
Sha File	<a href="http://archive.cloudera.com/CFM/parcels/1.0.0.0/CFM-1.0.0.0-el7.parcel.sha1">http://archive.cloudera.com/CFM/parcels/1.0.0.0/CFM-1.0.0.0-el7.parcel.sha1</a>

**Table 2: SLES 12**

File	Location
Public repository for parcel downloads	<a href="http://archive.cloudera.com/CFM/parcels/1.0.0.0">http://archive.cloudera.com/CFM/parcels/1.0.0.0</a>
Parcel	<a href="http://archive.cloudera.com/CFM/parcels/1.0.0.0/CFM-1.0.0.0-sles12.parcel">http://archive.cloudera.com/CFM/parcels/1.0.0.0/CFM-1.0.0.0-sles12.parcel</a>
Sha File	<a href="http://archive.cloudera.com/CFM/parcels/1.0.0.0/CFM-1.0.0.0-sles12.parcel.sha1">http://archive.cloudera.com/CFM/parcels/1.0.0.0/CFM-1.0.0.0-sles12.parcel.sha1</a>

**Table 3: Ubuntu 14**

File	Location
Public repository for parcel downloads	<a href="http://archive.cloudera.com/CFM/parcels/1.0.0.0">http://archive.cloudera.com/CFM/parcels/1.0.0.0</a>
Parcel	<a href="http://archive.cloudera.com/CFM/parcels/1.0.0.0/CFM-1.0.0.0-trusty.parcel">http://archive.cloudera.com/CFM/parcels/1.0.0.0/CFM-1.0.0.0-trusty.parcel</a>
Sha File	<a href="http://archive.cloudera.com/CFM/parcels/1.0.0.0/CFM-1.0.0.0-trusty.parcel.sha1">http://archive.cloudera.com/CFM/parcels/1.0.0.0/CFM-1.0.0.0-trusty.parcel.sha1</a>

**Table 4: Ubuntu 16**

File	Location
Public repository for parcel downloads	<a href="http://archive.cloudera.com/CFM/parcels/1.0.0.0">http://archive.cloudera.com/CFM/parcels/1.0.0.0</a>
Parcel	<a href="http://archive.cloudera.com/CFM/parcels/1.0.0.0/CFM-1.0.0.0-xenial.parcel">http://archive.cloudera.com/CFM/parcels/1.0.0.0/CFM-1.0.0.0-xenial.parcel</a>
Sha File	<a href="http://archive.cloudera.com/CFM/parcels/1.0.0.0/CFM-1.0.0.0-xenial.parcel.sha1">http://archive.cloudera.com/CFM/parcels/1.0.0.0/CFM-1.0.0.0-xenial.parcel.sha1</a>

**Table 5: CSD & Manifest Files**

File	Location
Manifest	<a href="http://archive.cloudera.com/CFM/parcels/1.0.0.0/manifest.json">http://archive.cloudera.com/CFM/parcels/1.0.0.0/manifest.json</a>
NiFi CSD File	<a href="http://archive.cloudera.com/CFM/csd/1.0.0.0/NIFI-1.9.0.1.0.0.0-90.jar">http://archive.cloudera.com/CFM/csd/1.0.0.0/NIFI-1.9.0.1.0.0.0-90.jar</a>

File	Location
NiFi Toolkit CSD File	<a href="http://archive.cloudera.com/CFM/csd/1.0.0.0/NIFICA-1.9.0.1.0.0.0-90.jar">http://archive.cloudera.com/CFM/csd/1.0.0.0/NIFICA-1.9.0.1.0.0.0-90.jar</a>
NiFi Registry CSD	<a href="http://archive.cloudera.com/CFM/csd/1.0.0.0/NIFIREGISTRY-0.3.0.1.0.0.0-90.jar">http://archive.cloudera.com/CFM/csd/1.0.0.0/NIFIREGISTRY-0.3.0.1.0.0.0-90.jar</a>

**Table 6: Tar and Zip Files**

File	Location
NiFi	<ul style="list-style-type: none"> <li>Zip File – <a href="http://archive.cloudera.com/CFM/centos7/1.x/updates/1.0.0.0/tars/nifi/nifi-1.9.0.1.0.0.0-90-bin.zip">http://archive.cloudera.com/CFM/centos7/1.x/updates/1.0.0.0/tars/nifi/nifi-1.9.0.1.0.0.0-90-bin.zip</a></li> <li><a href="http://archive.cloudera.com/CFM/centos7/1.x/updates/1.0.0.0/tars/nifi/nifi-1.9.0.1.0.0.0-90-bin.tar.gz">http://archive.cloudera.com/CFM/centos7/1.x/updates/1.0.0.0/tars/nifi/nifi-1.9.0.1.0.0.0-90-bin.tar.gz</a></li> </ul>
NiFi Toolkit	<ul style="list-style-type: none"> <li><a href="http://archive.cloudera.com/CFM/centos7/1.x/updates/1.0.0.0/tars/nifi/nifi-toolkit-1.9.0.1.0.0.0-90-bin.zip">http://archive.cloudera.com/CFM/centos7/1.x/updates/1.0.0.0/tars/nifi/nifi-toolkit-1.9.0.1.0.0.0-90-bin.zip</a></li> <li><a href="http://archive.cloudera.com/CFM/centos7/1.x/updates/1.0.0.0/tars/nifi/nifi-toolkit-1.9.0.1.0.0.0-90-bin.tar.gz">http://archive.cloudera.com/CFM/centos7/1.x/updates/1.0.0.0/tars/nifi/nifi-toolkit-1.9.0.1.0.0.0-90-bin.tar.gz</a></li> </ul>
NiFi Registry	<a href="http://archive.cloudera.com/CFM/centos7/1.x/updates/1.0.0.0/tars/nifi_registry/nifi-registry-0.3.0.1.0.0.0-90-bin.tar.gz">http://archive.cloudera.com/CFM/centos7/1.x/updates/1.0.0.0/tars/nifi_registry/nifi-registry-0.3.0.1.0.0.0-90-bin.tar.gz</a>

## Legal Information