

Changing Java version of Flow Management clusters

Date published: 2019-12-16

Date modified: 2024-12-11

The Cloudera logo is displayed in a bold, orange, sans-serif font. The word "CLOUDERA" is written in all caps, with a stylized 'E' that has a horizontal bar extending to the right.

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Changing the Java version of Flow Management Data Hub clusters

Java 8 and 11 are installed on Cloudera Data Hub nodes in Cloudera on cloud by default. When you create a new cluster, Java 8 is used as the default JDK. However, it is possible to switch to Java 11 after provisioning a new cluster or after upgrading your cluster to version 7.2.17.

About this task

Procedure

1. Open the Cloudera Manager UI and click the Clusters tab in the left-hand navigation.
2. Click NiFi in the list of services to display the NiFi service page.
3. Click Configuration and update the `nifi.jdk.home` property.

Paths:

- Java 8: `/usr/lib/jvm/java`
- Java 11: `/usr/lib/jvm/java-11`

The screenshot shows the Cloudera Manager Configuration page for the `nifi-NIFI-BASE` service. The search bar contains `java`. The configuration table shows the `nifi.jdk.home` property under the `nifi.jdk.home` group, with a value of `/usr/lib/jvm/java-11` highlighted in an orange box. The `nifi.jdk.home` group is expanded to show `nifi.jdk.home` and `nifi.jdk.home` properties.

4. Repeat the same steps for the NiFi Registry service as well.

The screenshot shows the Cloudera Manager Configuration page for the `nifiregistry` service. The search bar contains `java`. The configuration table shows the `nifi.registry.jdk.home` property under the `nifi.registry.jdk.home` group, with a value of `/usr/lib/jvm/java-11` highlighted in an orange box. The `nifi.registry.jdk.home` group is expanded to show `nifi.registry.jdk.home` and `nifi.registry.jdk.home` properties.

5. Restart NiFi and NiFi Registry.

6. When the services are restarted, you can confirm the Java version used by NiFi.
 - a) Open the NiFi UI and click the Global menu in the top right corner.
 - b) Click Cluster Versions

NiFi Cluster



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Node Address	NiFi Version	Java Vendor	Java Version	OS Name	OS Version	OS Architecture
nifi-cluster-nifi1.p...	1.21.0.2.2.7.0-263	Red Hat, Inc.	11.0.19	Linux	3.10.0-1160.90.1.el7.x86...	amd64
nifi-cluster-nifi2.p...	1.21.0.2.2.7.0-263	Red Hat, Inc.	11.0.19	Linux	3.10.0-1160.90.1.el7.x86...	amd64
nifi-cluster-nifi0.p...	1.21.0.2.2.7.0-263	Red Hat, Inc.	11.0.19	Linux	3.10.0-1160.90.1.el7.x86...	amd64