

Installation 3

Download

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

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Downloading your Software

This section describes how to download HDF software artifacts through the Cloudera Downloads portal. To download HDF software artifacts, both trial and regular versions, authentication is now required. In order to access your software, you must obtain your login credentials for the Cloudera Downloads portal, select the type of installation experience you want, and specify an operating system.

About this task

Access to the HDF software artifacts for production purposes requires authentication. Prior to starting installation, you must download the HDF software artifacts from the Cloudera Downloads portal.

You must first have an active subscription agreement that provides you access to download and use HDF. You get the credentials from Cloudera sales representatives or from the Flow Management account welcome email. The entitlement to HDF is connected to your MyCloudera account which you can use to access the HDF downloads page.

**Note:**

The download credentials contained in your welcome email are not the same as the credentials you use to access the support portal.

Before you begin

Make sure that you are logged in to your MyCloudera account at cloudera.com or my.cloudera.com.

Procedure

1. Go to [Cloudera DataFlow Downloads](#) page.

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Why Cloudera

Products

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Cloudera DataFlow (Ambari)

Cloudera DataFlow (Ambari)—formerly Hortonworks DataFlow (HDF)—is a scalable, real-time streaming analytics platform that ingests, curates and analyzes data for key insights and immediate actionable intelligence. DataFlow addresses the key challenges enterprises face with data-in-motion—real-time stream processing of data at high volume and high scale, data provenance and ingestion from IoT devices, edge applications and streaming sources.

2. Choose **Automated** from the **Choose Installation Type** drop-down menu.

You can also choose any of the following options based on your requirement:

- Automated
- NiFi Only
- NiFi Toolkit
- NiFi Docker image (Docker hub)
- NiFi Registry
- MiNiFi C++
- MiNiFi Java agent
- MiNiFi Toolkit

3. Click the **LET'S GO!** -> button.
4. Read and accept the terms of services, and click **Submit**.

The HDF Automated page appears.

If you selected any option other than Automated, the related download page appears.

- a) If you selected Automated, click the **HDF 3.5.1 Automated** option.

It redirects you to the documentation with the repo links that needs to be used in Ambari.

- b) If you selected NiFi Only from the **Choose Installation Type** drop-down, the HDF NiFi only page appears. The page displays TAR and ZIP file links. Click the required link to download the file.
- c) If you selected NiFi Toolkit from the **Choose Installation Type** drop-down, the HDF NiFi Toolkit page appears. The page displays TAR and ZIP file links. Click the required link to download the file.
- d) If you selected NiFi Docker image (Docker hub) from the **Choose Installation Type** drop-down, the HDF NiFi Docker image (Docker hub) page appears. Click the **HDF NiFi Docker image** link.
- e) If you selected NiFi Registry from the **Choose Installation Type** drop-down, the HDF NiFi Registry page appears. The page displays TAR and ZIP file links. Click the required link to download the file.
- f) If you selected MiNiFi C++ from the **Choose Installation Type** drop-down, the HDF MiNiFi C++ <hdf-version> page appears. The page displays TAR file links for different operating systems. Click the required link to download the file.
- g) If you selected MiNiFi Java Agent from the **Choose Installation Type** drop-down, the HDF MiNiFi Java Agent <hdf-version> page appears. The page displays TAR, ZIP, and MSI file links. Click the required link to download the file.
- h) If you selected MiNiFi Toolkit from the **Choose Installation Type** drop-down, the HDF MiNiFi Toolkit page appears. The page displays TAR and ZIP file links. Click the required link to download the file.

Results

You have obtained the required software artifacts for installation.

HDF Repository Locations

Use the following tables to identify the HDF 3.5.0 repository location for your operating system and operational objectives.

Access to the HDF software artifacts for production purposes requires authentication. Prior to starting installation, you must download the HDF software artifacts from the Cloudera Downloads portal.

You must first have an active subscription agreement that provides you access to download and use HDF. You get the credentials from Cloudera sales representatives or from the Flow Management account welcome email. The entitlement to HDF is connected to your MyCloudera account which you can use to access the HDF downloads page.



Note:

The download credentials contained in your welcome email are not the same as the credentials you use to access the support portal.

Table 1: Amazon Linux 2 repositories & additional download locations

OS	Format	Download location
Amazon Linux 2	HDF Build number	3.5.1.0-17
	HDF Base URL	https://archive.cloudera.com/p/HDF/amazonlinux2/3.x/updates/3.5.1.0
	HDF Repo	https://archive.cloudera.com/p/HDF/amazonlinux2/3.x/updates/3.5.1.0/hdf.repo
	RPM tarball	https://archive.cloudera.com/p/HDF/amazonlinux2/3.x/updates/3.5.1.0/HDF-3.5.1.0-amazonlinux2-rpm.tar.gz
	Tars tarball	https://archive.cloudera.com/p/HDF/amazonlinux2/3.x/updates/3.5.1.0/HDF-3.5.1.0-amazonlinux2-tars-tarball.tar.gz
	HDF Management Pack	https://archive.cloudera.com/p/HDF/amazonlinux2/3.x/updates/3.5.1.0/tars/hdf_ambari_mp/hdf-ambari-mpack-3.5.1.0-17.tar.gz
	HDP and Ambari Repositories	
Ambari	https://archive.cloudera.com/p/ambari/amazonlinux2/2.x/updates/2.7.5.0/ambari.repo	

OS	Format	Download location
	HDP	https://archive.cloudera.com/p/HDP/amazonlinux2/3.x/updates/3.1.5.0/hdp.repo
	HDP-UTILS	https://archive.cloudera.com/p/HDP-UTILS/1.1.0.22/repos/amazonlinux2
	OS Agnostic Downloads	
	NiFi only	<ul style="list-style-type: none"> Zip File – https://archive.cloudera.com/p/HDF/3.5.1.0/nifi-1.11.4.3.5.1.0-17-bin.zip Tar.gz File – https://archive.cloudera.com/p/HDF/3.5.1.0/nifi-1.11.4.3.5.1.0-17-bin.tar.gz
	NiFi Toolkit	<ul style="list-style-type: none"> Zip File – https://archive.cloudera.com/p/HDF/3.5.1.0/nifi-toolkit-1.11.4.3.5.1.0-17-bin.zip Tar.gz File – https://archive.cloudera.com/p/HDF/3.5.1.0/nifi-toolkit-1.11.4.3.5.1.0-17-bin.tar.gz
	Docker Hub	https://hub.docker.com/r/hortonworks/nifi/ Tags are latest and 3.5.1.0
	NiFi Registry	<ul style="list-style-type: none"> Zip File – https://archive.cloudera.com/p/HDF/3.5.1.0/nifi-registry-0.6.0.3.5.1.0-17-bin.zip Tar.gz File – https://archive.cloudera.com/p/HDF/3.5.1.0/nifi-registry-0.6.0.3.5.1.0-17-bin.tar.gz
	MiNiFi Java Agent	<ul style="list-style-type: none"> Zip File – https://archive.cloudera.com/p/HDF/3.5.1.0/minifi-0.6.0.3.5.1.0-17-bin.zip Tar.gz File – https://archive.cloudera.com/p/HDF/3.5.1.0/minifi-0.6.0.3.5.1.0-17-bin.tar.gz
	MiNiFi Toolkit	<ul style="list-style-type: none"> Zip File – https://archive.cloudera.com/p/HDF/3.5.1.0/minifi-toolkit-0.6.0.3.5.1.0-17-bin.zip Tar.gz File – https://archive.cloudera.com/p/HDF/3.5.1.0/minifi-toolkit-0.6.0.3.5.1.0-17-bin.tar.gz
	iOS/Android Libraries	<ul style="list-style-type: none"> Android – https://github.com/hortonworks/nifi-android-s2s iOS – https://github.com/hortonworks/nifi-ios-s2s

Table 2: RHEL/Oracle Linux/CentOS 7 HDF repository & additional download locations

OS	Format	Download location
RHEL/Oracle Linux/CentOS 7 (64-bit):	HDF Build Number	3.5.1.0-17
	HDF Base URL	https://archive.cloudera.com/p/HDF/centos7/3.x/updates/3.5.1.0
	HDF Repo	https://archive.cloudera.com/p/HDF/centos7/3.x/updates/3.5.1.0/hdf.repo
	RPM tarball	https://archive.cloudera.com/p/HDF/centos7/3.x/updates/3.5.1.0/HDF-3.5.1.0-centos7-rpm.tar.gz
	Tars tarball	https://archive.cloudera.com/p/HDF/centos7/3.x/updates/3.5.1.0/HDF-3.5.1.0-centos7-tars-tarball.tar.gz
	HDF Management Pack	https://archive.cloudera.com/p/HDF/centos7/3.x/updates/3.5.1.0/tars/hdf_ambari_mp/hdf-ambari-mpack-3.5.1.0-17.tar.gz
	MiNiFi C++ Agent	https://archive.cloudera.com/p/HDF/centos7/3.x/updates/3.5.1.0/tars/nifi-minifi-cpp/nifi-minifi-cpp-0.6.0-bin.tar.gz
	HDP and Ambari Repositories	
	Ambari	https://archive.cloudera.com/p/ambari/centos7/2.x/updates/2.7.5.0/ambari.repo
	HDP	https://archive.cloudera.com/p/HDP/centos7/3.x/updates/3.1.5.0/hdp.repo
	HDP-UTILS	https://archive.cloudera.com/p/HDP-UTILS/1.1.0.22/repos/centos7
	OS Agnostic Downloads	
	NiFi only	<ul style="list-style-type: none"> Zip File – https://archive.cloudera.com/p/HDF/3.5.1.0/nifi-1.11.4.3.5.1.0-17-bin.zip Tar.gz File – https://archive.cloudera.com/p/HDF/3.5.1.0/nifi-1.11.4.3.5.1.0-17-bin.tar.gz
	NiFi Toolkit	<ul style="list-style-type: none"> Zip File – https://archive.cloudera.com/p/HDF/3.5.1.0/nifi-toolkit-1.11.4.3.5.1.0-17-bin.zip Tar.gz File – https://archive.cloudera.com/p/HDF/3.5.1.0/nifi-toolkit-1.11.4.3.5.1.0-17-bin.tar.gz

OS	Format	Download location
	Docker Hub	https://hub.docker.com/r/hortonworks/nifi/ Tags are latest and 3.5.1.0
	NiFi Registry	<ul style="list-style-type: none"> Zip File – https://archive.cloudera.com/p/HDF/3.5.1.0/nifi-registry-0.6.0.3.5.1.0-17-bin.zip Tar.gz File – https://archive.cloudera.com/p/HDF/3.5.1.0/nifi-registry-0.6.0.3.5.1.0-17-bin.tar.gz
	MiNiFi Java Agent	<ul style="list-style-type: none"> Zip File – https://archive.cloudera.com/p/HDF/3.5.1.0/minifi-0.6.0.3.5.1.0-17-bin.zip Tar.gz File – https://archive.cloudera.com/p/HDF/3.5.1.0/minifi-0.6.0.3.5.1.0-17-bin.tar.gz
	MiNiFi Toolkit	<ul style="list-style-type: none"> Zip File – https://archive.cloudera.com/p/HDF/3.5.1.0/minifi-toolkit-0.6.0.3.5.1.0-17-bin.zip Tar.gz File – https://archive.cloudera.com/p/HDF/3.5.1.0/minifi-toolkit-0.6.0.3.5.1.0-17-bin.tar.gz
	iOS/Android Libraries	<ul style="list-style-type: none"> Android – https://github.com/hortonworks/nifi-android-s2s iOS – https://github.com/hortonworks/nifi-ios-s2s

Table 3: SLES 12 HDF repository & additional download locations

OS	Format	Download location	
SUSE Linux Enterprise Server (SLES) v12	HDF Build Number	3.5.1.0-17	
	HDF Base URL	https://archive.cloudera.com/p/HDF/sles12/3.x/updates/3.5.1.0	
	Repo	https://archive.cloudera.com/p/HDF/sles12/3.x/updates/3.5.1.0/hdf.repo	
	RPM tarball	https://archive.cloudera.com/p/HDF/sles12/3.x/updates/3.5.1.0/HDF-3.5.1.0-sles12-rpm.tar.gz	
	Tars tarball	https://archive.cloudera.com/p/HDF/sles12/3.x/updates/3.5.1.0/HDF-3.5.1.0-sles12-tars-tarball.tar.gz	
	HDF Management Pack	https://archive.cloudera.com/p/HDF/sles12/3.x/updates/3.5.1.0/tars/hdf_ambari_mp/hdf-ambari-mpack-3.5.1.0-17.tar.gz	
	HDP and Ambari Repositories		
	Ambari	https://archive.cloudera.com/p/ambari/sles12/2.x/updates/2.7.5.0/ambari.repo	
	HDP	https://archive.cloudera.com/p/HDP/sles12/3.x/updates/3.1.5.0/hdp.repo	
	HDP-UTILS	https://archive.cloudera.com/p/HDP-UTILS/1.1.0.22/repos/sles12	
	OS Agnostic Downloads		
	NiFi only	<ul style="list-style-type: none"> Zip File – https://archive.cloudera.com/p/HDF/3.5.1.0/nifi-1.11.4.3.5.1.0-17-bin.zip Tar.gz File – https://archive.cloudera.com/p/HDF/3.5.1.0/nifi-1.11.4.3.5.1.0-17-bin.tar.gz 	
	NiFi Toolkit	<ul style="list-style-type: none"> Zip File – https://archive.cloudera.com/p/HDF/3.5.1.0/nifi-toolkit-1.11.4.3.5.1.0-17-bin.zip Tar.gz File – https://archive.cloudera.com/p/HDF/3.5.1.0/nifi-toolkit-1.11.4.3.5.1.0-17-bin.tar.gz 	
	Docker Hub	https://hub.docker.com/r/hortonworks/nifi/ Tags are latest and 3.5.1.0	
	NiFi Registry	<ul style="list-style-type: none"> Zip File – https://archive.cloudera.com/p/HDF/3.5.1.0/nifi-registry-0.6.0.3.5.1.0-17-bin.zip Tar.gz File – https://archive.cloudera.com/p/HDF/3.5.1.0/nifi-registry-0.6.0.3.5.1.0-17-bin.tar.gz 	
	MiNiFi Java Agent	<ul style="list-style-type: none"> Zip File – https://archive.cloudera.com/p/HDF/3.5.1.0/minifi-0.6.0.3.5.1.0-17-bin.zip Tar.gz File – https://archive.cloudera.com/p/HDF/3.5.1.0/minifi-0.6.0.3.5.1.0-17-bin.tar.gz 	
	MiNiFi Toolkit	<ul style="list-style-type: none"> Zip File – https://archive.cloudera.com/p/HDF/3.5.1.0/minifi-toolkit-0.6.0.3.5.1.0-17-bin.zip Tar.gz File – https://archive.cloudera.com/p/HDF/3.5.1.0/minifi-toolkit-0.6.0.3.5.1.0-17-bin.tar.gz 	
iOS/Android Libraries	<ul style="list-style-type: none"> Android – https://github.com/hortonworks/nifi-android-s2s iOS – https://github.com/hortonworks/nifi-ios-s2s 		

Table 4: Ubuntu 16 HDF repository & additional download locations

OS	Format	Download location
Ubuntu Trusty 16 (64-bit)	HDF Build Number	3.5.1.0-17
	HDF Base URL	https://archive.cloudera.com/p/HDF/ubuntu16/3.x/updates/3.5.1.0
	Repo	https://archive.cloudera.com/p/HDF/ubuntu16/3.x/updates/3.5.1.0/hdf.list
	Deb tarball	https://archive.cloudera.com/p/HDF/ubuntu16/3.x/updates/3.5.1.0/HDF-3.5.1.0-ubuntu16-deb.tar.gz
	Tars tarball	https://archive.cloudera.com/p/HDF/ubuntu16/3.x/updates/3.5.1.0/HDF-3.5.1.0-ubuntu16-tars-tarball.tar.gz
	HDF Management Pack	https://archive.cloudera.com/p/HDF/ubuntu16/3.x/updates/3.5.1.0/tars/hdf_ambari_mp/hdf-ambari-mpack-3.5.1.0-17.tar.gz
	MiNiFi C++ Agent	https://archive.cloudera.com/p/HDF/ubuntu16/3.x/updates/3.5.1.0/tars/nifi-minifi-cpp/nifi-minifi-cpp-0.6.0-bin.tar.gz
	HDP and Ambari Repositories	
	Ambari	https://archive.cloudera.com/p/ambari/ubuntu16/2.x/updates/2.7.5.0/ambari.list
	HDP	https://archive.cloudera.com/p/HDP/ubuntu16/3.x/updates/3.1.5.0/hdp.list
	HDP-UTILS	https://archive.cloudera.com/p/HDP-UTILS/1.1.0.22/repos/ubuntu16
	OS Agnostic Downloads	
	NiFi only	<ul style="list-style-type: none"> Zip File – https://archive.cloudera.com/p/HDF/3.5.1.0/nifi-1.11.4.3.5.1.0-17-bin.zip Tar.gz File – https://archive.cloudera.com/p/HDF/3.5.1.0/nifi-1.11.4.3.5.1.0-17-bin.tar.gz
	NiFi Toolkit	<ul style="list-style-type: none"> Zip File – https://archive.cloudera.com/p/HDF/3.5.1.0/nifi-toolkit-1.11.4.3.5.1.0-17-bin.zip Tar.gz File – https://archive.cloudera.com/p/HDF/3.5.1.0/nifi-toolkit-1.11.4.3.5.1.0-17-bin.tar.gz
	Docker Hub	https://hub.docker.com/r/hortonworks/nifi/ Tags are latest and 3.5.1.0
	NiFi Registry	<ul style="list-style-type: none"> Zip File – https://archive.cloudera.com/p/HDF/3.5.1.0/nifi-registry-0.6.0.3.5.1.0-17-bin.zip Tar.gz File – https://archive.cloudera.com/p/HDF/3.5.1.0/nifi-registry-0.6.0.3.5.1.0-17-bin.tar.gz
	MiNiFi Java Agent	<ul style="list-style-type: none"> Zip File – https://archive.cloudera.com/p/HDF/3.5.1.0/minifi-0.6.0.3.5.1.0-17-bin.zip Tar.gz File – https://archive.cloudera.com/p/HDF/3.5.1.0/minifi-0.6.0.3.5.1.0-17-bin.tar.gz
	MiNiFi Toolkit	<ul style="list-style-type: none"> Zip File – https://archive.cloudera.com/p/HDF/3.5.1.0/minifi-toolkit-0.6.0.3.5.1.0-17-bin.zip Tar.gz File – https://archive.cloudera.com/p/HDF/3.5.1.0/minifi-toolkit-0.6.0.3.5.1.0-17-bin.tar.gz
	iOS/Android Libraries	<ul style="list-style-type: none"> Android – https://github.com/hortonworks/nifi-android-s2s iOS – https://github.com/hortonworks/nifi-ios-s2s

Table 5: Debian 9 HDF repository & additional download locations

OS	Format	Download location
Debian 9	HDF Build Number	3.5.1.0-17
	HDF Base URL	https://archive.cloudera.com/p/HDF/debian9/3.x/updates/3.5.1.0
	Repo	https://archive.cloudera.com/p/HDF/debian9/3.x/updates/3.5.1.0/hdf.list
	Deb tarball	https://archive.cloudera.com/p/HDF/debian9/3.x/updates/3.5.1.0/HDF-3.5.1.0-debian9-deb.tar.gz
	Tars tarball	https://archive.cloudera.com/p/HDF/debian9/3.x/updates/3.5.1.0/HDF-3.5.1.0-debian9-tars-tarball.tar.gz

OS	Format	Download location
	HDF Management Pack	https://archive.cloudera.com/p/HDF/debian9/3.x/updates/3.5.1.0/tars/hdf_ambari_mp/hdf-ambari-mpack-3.5.1.0-17.tar.gz
	HDP and Ambari Repositories	
	Ambari	https://archive.cloudera.com/p/ambari/debian9/2.x/updates/2.7.5.0/ambari.list
	HDP	https://archive.cloudera.com/p/HDP/debian9/3.x/updates/3.1.5.0/hdp.list
	HDP-UTILS Base URL	https://archive.cloudera.com/p/HDP-UTILS/1.1.0.22/repos/debian9
	OS Agnostic Downloads	
	NiFi only	<ul style="list-style-type: none"> Zip File – https://archive.cloudera.com/p/HDF/3.5.1.0/nifi-1.11.4.3.5.1.0-17-bin.zip Tar.gz File – https://archive.cloudera.com/p/HDF/3.5.1.0/nifi-1.11.4.3.5.1.0-17-bin.tar.gz
	NiFi Toolkit	<ul style="list-style-type: none"> Zip File – https://archive.cloudera.com/p/HDF/3.5.1.0/nifi-toolkit-1.11.4.3.5.1.0-17-bin.zip Tar.gz File – https://archive.cloudera.com/p/HDF/3.5.1.0/nifi-toolkit-1.11.4.3.5.1.0-17-bin.tar.gz
	Docker Hub	https://hub.docker.com/r/hortonworks/nifi/ Tags are latest and 3.5.1.0
	NiFi Registry	<ul style="list-style-type: none"> Zip File – https://archive.cloudera.com/p/HDF/3.5.1.0/nifi-registry-0.6.0.3.5.1.0-17-bin.zip Tar.gz File – https://archive.cloudera.com/p/HDF/3.5.1.0/nifi-registry-0.6.0.3.5.1.0-17-bin.tar.gz
	MiNiFi Java Agent	<ul style="list-style-type: none"> Zip File – https://archive.cloudera.com/p/HDF/3.5.1.0/minifi-0.6.0.3.5.1.0-17-bin.zip Tar.gz File – https://archive.cloudera.com/p/HDF/3.5.1.0/minifi-0.6.0.3.5.1.0-17-bin.tar.gz
	MiNiFi Toolkit	<ul style="list-style-type: none"> Zip File – https://archive.cloudera.com/p/HDF/3.5.1.0/minifi-toolkit-0.6.0.3.5.1.0-17-bin.zip Tar.gz File – https://archive.cloudera.com/p/HDF/3.5.1.0/minifi-toolkit-0.6.0.3.5.1.0-17-bin.tar.gz
	iOS/Android Libraries	<ul style="list-style-type: none"> Android – https://github.com/hortonworks/nifi-android-s2s iOS – https://github.com/hortonworks/nifi-ios-s2s

Table 6: NiFi and MiNiFi MSI files

File	Location
NiFi MSI	https://archive.cloudera.com/p/HDF/windows/3.x/updates/3.5.1.0/nifi-3.5.1.0-17.msi
MiNiFi MSI	https://archive.cloudera.com/p/HDF/windows/3.x/updates/3.5.1.0/minifi-3.5.1.0-17.msi

HDF Repository Location for IBM Power Systems

Use the following table to identify the HDF 3.5.0 repository location for IBM power systems and operational objectives.

Table 7: RHEL 7 HDF repository & additional download locations

OS	Format	Download location
RHEL 7 (64-bit):	HDF Build Number	3.5.1.0-17
	HDF Base URL	https://archive.cloudera.com/p/HDF/centos7-ppc/3.x/updates/3.5.1.0
	HDF Repo	https://archive.cloudera.com/p/HDF/centos7-ppc/3.x/updates/3.5.1.0/hdf.repo
	RPM tarball	https://archive.cloudera.com/p/HDF/centos7-ppc/3.x/updates/3.5.1.0/HDF-3.5.1.0-centos7-ppc-rpm.tar.gz

OS	Format	Download location
	Tars tarball	https://archive.cloudera.com/p/HDF/centos7-ppc/3.x/updates/3.5.1.0/HDF-3.5.1.0-centos7-ppc-tars-tarball.tar.gz
	HDF Management Pack	https://archive.cloudera.com/p/HDF/centos7-ppc/3.x/updates/3.5.1.0/tars/hdf_ambari_mp/hdf-ambari-mpack-3.5.1.0-17.tar.gz
	HDP and Ambari Repositories	
	Ambari	https://archive.cloudera.com/p/ambari/centos7-ppc/2.x/updates/2.7.5.0/ambari.repo
	HDP	https://archive.cloudera.com/p/HDP/centos7-ppc/3.x/updates/3.1.5.0/hdp.repo
	HDP-UTILS	https://archive.cloudera.com/p/HDP-UTILS/1.1.0.22/repos/centos7-ppc