

Release Notes 3

## Release Notes

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# Contents

<b>Hortonworks DataFlow 3.3.1 Release Notes.....</b>	<b>3</b>
Component Support.....	3
Component Availability in HDF.....	3
What's New in HDF 3.3.1.....	4
Unsupported Features.....	4
Technical Preview Features.....	4
Community Driven Features.....	5
Unsupported HDP Components.....	7
Unsupported Customizations.....	7
Behavior Changes.....	7
Apache Patch Information.....	7
Kafka Patches.....	7
Knox Patches.....	7
NiFi Patches.....	7
Ranger Patches.....	8
Storm Patches.....	8
ZooKeeper Patches.....	8
HDF Repository Locations.....	8
HDF Repository Location for IBM Power Systems.....	13
Common Vulnerabilities and Exposures.....	14
Fixed Issues.....	14
Known Issues.....	14
Third-Party Licenses.....	16
Legal Information.....	16

## Hortonworks DataFlow 3.3.1 Release Notes

This document provides you with the latest information about the HDF 3.3.1 release and its product documentation.

### Component Support

HDF 3.3.1 includes the following components:

- Apache Ambari 2.7.3
- Apache Kafka 2.0.0
- Apache NiFi 1.8.0
- NiFi Registry 0.2.0
- Apache Ranger 1.2.0
- Apache Storm 1.2.1
- Apache ZooKeeper 3.4.6
- Apache MiNiFi Java Agent 0.6.0
- Apache MiNiFi C++ 0.6.0
- Hortonworks Schema Registry 0.5.4
- Hortonworks Streaming Analytics Manager 0.6.0
- Apache Knox 1.0.0
- SmartSense 1.5.0

### Component Availability in HDF

Previous HDF releases shipped with the following components versions.

	NiFi	Storm	Kafka	ZooKeeper	Ambari	Ranger	MiNiFi Java Agent	MiNiFi C++	Streaming Analytics Manager	Schema Registry	NiFi Registry	SmartSense
HDF 3.3.1	1.8.0	1.2.1	2.0.0	3.4.6	2.7.3	1.2.0	0.6.0	0.6.0	0.6.0	0.5.4	0.2.0	1.5.0
HDF 3.3.0	1.8.0	1.2.1	2.0.0	3.4.6	2.7.1	1.2.0	0.6.0	0.6.0	0.6.0	0.5.4	0.2.0	1.5.0
HDF 3.2.0	1.7.0	1.2.1	1.1.1	3.4.6	2.7.0	1.1.0	0.5.0	0.5.0	0.6.0	0.5.3	0.2.0	N/A
HDF 3.1.2	1.5.0	1.1.1	1.0.0	3.4.6	2.6.2	0.7.0	0.4.0	0.4.0	0.6.0	0.5.0	0.1.0	N/A
HDF 3.1.1	1.5.0	1.1.1	1.0.0	3.4.6	2.6.1	0.7.0	0.4.0	0.4.0	0.6.0	0.5.0	0.1.0	N/A
HDF 3.1.0	1.5.0	1.1.1	1.0.0	3.4.6	2.6.1	0.7.0	0.4.0	0.4.0	0.6.0	0.5.0	0.1.0	N/A
HDF 3.0.3 (IBM Power System only)	1.2.0	1.1.0	0.10.2.1	3.4.6	2.6.0	0.7.0	0.2.0	TP	0.5.0	0.3.0	N/A	N/A
HDF 3.0.2	1.2.0	1.1.0	0.10.2.1	3.4.6	2.6.0	0.7.0	0.2.0	TP	0.5.0	0.3.0	N/A	N/A
HDF 3.0.1	1.2.0	1.1.0	0.10.2.1	3.4.6	2.5.1	0.7.0	0.2.0	TP	0.5.0	0.3.0	N/A	N/A

	NiFi	Storm	Kafka	ZooKeeper	Ambari	Ranger	MiNiFi Java Agent	MiNiFi C++	Streaming Analytics Manager	Schema Registry	NiFi Registry	SmartSense
HDF 3.0.0	1.2.0	1.1.0	0.10.2.1	3.4.6	2.5.1	0.7.0	0.2.0	TP	0.5.0	0.3.0	N/A	N/A
HDF 2.1.4	1.1.0	1.0.2	1.10.1	3.4.6	2.4.2.0	0.6.2	0.1.0	TP	N/A	N/A	N/A	N/A
HDF 2.1.2	1.1.0	1.0.2	0.10.1	3.4.6	2.4.2.0	0.6.2	0.1.0	TP	N/A	N/A	N/A	N/A
HDF 2.1.1	1.1.0	1.0.2	0.10.1	3.4.6	2.4.2.0	0.6.2	0.1.0	TP	N/A	N/A	N/A	N/A
HDF 2.1.0	1.1.0	1.0.2	0.10.1	3.4.6	2.4.2.0	0.6.2	0.1.0	TP	N/A	N/A	N/A	N/A
HDF 2.0.2	1.0.0	1.0.1	0.10.0.1	3.4.6	2.4.1.0	0.6.0	0.0.1	TP	N/A	N/A	N/A	N/A
HDF 2.0.1	1.0.0	1.0.1	0.10.0.1	3.4.6	2.4.1.0	0.6.0	0.0.1	TP	N/A	N/A	N/A	N/A
HDF 2.0.0	1.0.0	1.0.1	0.10.0.1	3.4.6	2.4.0.1	0.6.0	0.0.1	TP	N/A	N/A	N/A	N/A
HDF 1.2.1	0.6.1	0.10.0	0.9.0.1	3.4.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HDF 1.2.0.1	0.6.1	0.10.0	0.9.0.1	3.4.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HDF 1.2.0	0.6.0	0.10.0	0.9.0.1	3.4.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HDF 1.1.0	0.4.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HDF 1.0	0.3.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

## What's New in HDF 3.3.1

HDF 3.3.1 is a maintenance release that includes the updated management pack to support HDP 3.1.0 version of the release.

## Unsupported Features

Some features exist within HDF 3.3.1, but Hortonworks does not currently support these capabilities.

## Technical Preview Features

The following features are available within HDF 3.1.1 but are not ready for production deployment. Hortonworks encourages you to explore these technical preview features in non-production environments and provide feedback on your experiences through the [Hortonworks Community Forums](#).

**Table 1: Technical Previews**

Component	Feature
MiNiFi	Android/iOS MiNiFi libraries for mobile integration

## Community Driven Features

The following features are developed and tested by the Hortonworks community but are not officially supported by Hortonworks. 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 Hortonworks best practices. Do not use these features in your production environments.

### Community Driven Kafka features

- Kafka Connect

### Community Driven NiFi Tools and Services

- Embedded ZooKeeper
- Sensitive key migration toolkit

### Community Driven NiFi Processors

- AttributeRollingWindow
- AWSCredentialsProviderControllerService
- CompareFuzzyHash
- ConsumeAzureEventHub
- ConsumeEWS
- ConsumeIMAP
- ConsumeKafka\_0\_11
- ConsumeKafkaRecord\_0\_11
- ConsumePOP3
- ConvertExcelToCSVProcessor
- CountText
- DebugFlow
- DeleteDynamoDB
- DeleteGCSObject
- DeleteHDFS
- DeleteMongo
- DeleteRethinkDB
- ExecuteSparkInteractive
- ExtractCCDAAttributes
- ExtractEmailAttachments
- ExtractEmailHeaders
- ExtractMediaMetadata
- ExtractTNEFAttachments
- ExecuteFlumeSink
- ExecuteFlumeSource
- FetchAzureBlobStorage
- FetchGCSObject
- FuzzyHashContent
- GetDynamoDB
- GetHDFSEvents
- GetMongo
- GetRethinkDB
- GetSNMP
- InvokeGRPC
- ISPErichIP
- InferAvroSchema
- ListenBeats

- ListenGRPC
- ListenLumberjack
- ListenSMTP
- ListAzureBlobStorage
- ListGCSBucket
- ListS3
- LogMessage
- ModifyBytes
- MoveHDFS
- ParseNetflowv5
- ParseSyslog5424
- PublishKafka\_0\_11
- PublishKafkaRecord\_0\_11
- PutCassandraRecord
- PutKudu
- PutMongoRecord
- PutRethinkDB
- OrcFormatConversion
- PutAzureBlobStorage
- PutDynamoDB
- PutGCSObject
- PutIgniteCache
- PutKinesisFirehose
- PutKinesisStream
- PutLambda
- PutMongo
- PutSlack
- PutTCP
- PutUDP
- QueryDNS
- RunMongoAggregation
- SetSNMP
- SpringContextProcessor
- StoreInKiteDataset

**Note:**

HDF 3.1.x does not support Hive 2. As a result, NiFi Processors working with Hive (PutHiveQL, PutHiveStreaming, SelectHiveQL) and the NiFi Controller Service HiveConnectionPool may not support Hive 2.

**Community Driven NiFi Controller Services**

- AWSCredentialsProviderControllerService
- ConfluentSchemaRegistry
- GCPCredentialsControllerService
- GraphiteMetricReporterService
- IPLookupService
- JettyWebSocketClient
- JettyWebSocketServer
- LivySessionController
- MongoDBControllerService
- MongoDBLookupService

- PropertiesFileLookupService
- RedisConnectionPoolService
- RedisDistributedMapCacheClientService
- SimpleCsvFileLookupService
- SimpleKeyValueLookupService
- XMLFileLookupService

#### Community Driven NiFi Reporting Tasks

- DataDogReportingTask
- MetricsReportingTask
- SiteToSiteBulletinReportingTask
- SiteToSiteStatusReportingTask
- StandardGangliaReporter

## Unsupported HDP Components

NiFi processors available in HDF 3.3.1 have been tested against the following HDP components:

- Hive 1.2.1000.2.6.5.0-292
- Hive3 3.1.0.3.0.0.0-1634
- Hadoop: 2.7.3
- HBase: 1.1.2

Using NiFi processors to interact with other configurations of Hive, Hadoop, and HBase is not covered by Hortonworks Support.

## Unsupported Customizations

Hortonworks cannot guarantee that default NiFi processors are compatible with proprietary protocol implementations or proprietary interface extensions. For example, we support interfaces like JMS and JDBC that are built around standards, specifications, or open protocols. But we do not support customizations of those interfaces, or proprietary extensions built on top of those interfaces.

## Behavior Changes

There are no behavioural changes in this release.

## Apache Patch Information

The following sections list patches in each HDF 3.3.1 component beyond what was fixed in the base version of the Apache component.

### Kafka Patches

This release provides Kafka 2.0.0 with no additional Apache patches.

### Knox Patches

This release provides Knox 1.0.0 with no Apache patches.

### NiFi Patches

This release provides NiFi 1.8.0 with no additional patches

## Ranger Patches

This release provides Ranger 1.2.0 and the listed Apache patches.

- [RANGER-2297](#): getContentSummary validation failure.
- [RANGER-2276](#) Email Address should be verified when Add New User in Ranger Admin.
- [RANGER-2292](#) Test case fix for RANGER-2276.
- [RANGER-2244](#) Tomcat Security Vulnerability Alert. The version of the tomcat for ranger should upgrade to 7.0.91 or later.
- [RANGER-2049](#) Support doAs in Ranger Admin Portal / REST API.
- [RANGER-2267](#) Add a icon to differentiate the status of the service.
- [RANGER-2276](#) Email Address should be verified when Add New User in Ranger Admin.
- [RANGER-2277](#) Kylin repository config missing "Common Name for Certificate".
- [RANGER-2279](#) Reduce the time spent changing passwords during Ranger Admin install.
- [RANGER-2280](#) The emptyText of User Sync and Plugin Status should be reasonable.
- [RANGER-2283](#) User is getting total count of groups even if he is assigned to one group due to which pagination is breaking.
- [RANGER-2284](#) Unable to build image using docker.
- [RANGER-2286](#) Ranger install may be prevented by leftover DB entry.
- [RANGER-2288](#) Sqoop repository config missing "Common Name for Certificate".

## Storm Patches

This release provides Storm 1.2.1 with no additional Apache patches.

## ZooKeeper Patches

This release provides ZooKeeper 3.4.6 with no additional Apache patches.

## HDF Repository Locations

Use the following tables to identify the HDF 3.3.1 repository location for your operating system and operational objectives.



### Note:

You must have credentials to download HDF files. Your download credential is not the same as the credential you use to access the support portal.

You can get download credentials in the following ways:

- Contact your Cloudera sales representative.
- View the Welcome email for your Flow Management account.
- File a non-technical case within the [Cloudera support portal](#) for our Support team to assist you.

**Table 2: Amazon Linux 2 repositories & additional download locations**

OS	Format	Download location
Amazon Linux 2	HDF Build number	3.3.1.0-10
	HDF Base URL	<a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/amazonlinux2">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/amazonlinux2</a>
	HDF Repo	<a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/amazonlinux2/hdf.repo">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/amazonlinux2/hdf.repo</a>
	RPM tarball	<a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/amazonlinux2/HDF-3.3.1.0-amazonlinux2-rpm.tar.gz">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/amazonlinux2/HDF-3.3.1.0-amazonlinux2-rpm.tar.gz</a>
	Tars tarball	<a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/amazonlinux2/HDF-3.3.1.0-amazonlinux2-tars-tarball.tar.gz">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/amazonlinux2/HDF-3.3.1.0-amazonlinux2-tars-tarball.tar.gz</a>



OS	Format	Download location
	HDF Management Pack	<a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/amazonlinux2/tars/hdf_ambari_mp/hdf-ambari-mpack-3.3.1.0-10.tar.gz">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/amazonlinux2/tars/hdf_ambari_mp/hdf-ambari-mpack-3.3.1.0-10.tar.gz</a>
	HDP and Ambari Repositories	
	Ambari	See the Ambari 2.7.3 installation documentation for more information.
	HDP	See the HDP 3.1.0.0 installation documentation for more information.
	HDP-UTILS	See the HDP 3.1.0.0 installation documentation for more information.
	OS Agnostic Downloads	
	NiFi only	<ul style="list-style-type: none"> <li>Zip File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-1.8.0.3.3.1.0-10-bin.zip">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-1.8.0.3.3.1.0-10-bin.zip</a></li> <li>Tar.gz File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-1.8.0.3.3.1.0-10-bin.tar.gz">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-1.8.0.3.3.1.0-10-bin.tar.gz</a></li> </ul>
	NiFi Toolkit	<ul style="list-style-type: none"> <li>Zip File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-toolkit-1.8.0.3.3.1.0-10-bin.zip">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-toolkit-1.8.0.3.3.1.0-10-bin.zip</a></li> <li>Tar.gz File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-toolkit-1.8.0.3.3.1.0-10-bin.tar.gz">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-toolkit-1.8.0.3.3.1.0-10-bin.tar.gz</a></li> </ul>
	Docker Hub	<a href="https://hub.docker.com/r/hortonworks/nifi/">https://hub.docker.com/r/hortonworks/nifi/</a> Tags are latest and 3.3.1.0
	NiFi Registry	<ul style="list-style-type: none"> <li>Zip File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-registry-0.3.0.3.3.1.0-10-bin.zip">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-registry-0.3.0.3.3.1.0-10-bin.zip</a></li> <li>Tar.gz File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-registry-0.3.0.3.3.1.0-10-bin.tar.gz">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-registry-0.3.0.3.3.1.0-10-bin.tar.gz</a></li> </ul>
	MiNiFi Java Agent	<ul style="list-style-type: none"> <li>Zip File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/minifi-0.6.0.3.3.1.0-10-bin.zip">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/minifi-0.6.0.3.3.1.0-10-bin.zip</a></li> <li>Tar.gz File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/minifi-0.6.0.3.3.1.0-10-bin.tar.gz">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/minifi-0.6.0.3.3.1.0-10-bin.tar.gz</a></li> </ul>
	MiNiFi Toolkit	<ul style="list-style-type: none"> <li>Zip File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/minifi-toolkit-0.6.0.3.3.1.0-10-bin.zip">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/minifi-toolkit-0.6.0.3.3.1.0-10-bin.zip</a></li> <li>Tar.gz File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/minifi-toolkit-0.6.0.3.3.1.0-10-bin.tar.gz">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/minifi-toolkit-0.6.0.3.3.1.0-10-bin.tar.gz</a></li> </ul>
	iOS/Android Libraries	<ul style="list-style-type: none"> <li>Android – <a href="https://github.com/hortonworks/nifi-android-s2s">https://github.com/hortonworks/nifi-android-s2s</a></li> <li>iOS – <a href="https://github.com/hortonworks/nifi-ios-s2s">https://github.com/hortonworks/nifi-ios-s2s</a></li> </ul>

**Table 3: RHEL/Oracle Linux/CentOS 7 HDF repository & additional download locations**

OS	Format	Download location
RHEL/Oracle Linux/CentOS 7 (64-bit):	HDF Build Number	3.3.1.0-10
	HDF Base URL	<a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/centos7">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/centos7</a>
	HDF Repo	<a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/centos7/hdf.repo">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/centos7/hdf.repo</a>
	RPM tarball	<a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/centos7/HDF-3.3.1.0-centos7-rpm.tar.gz">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/centos7/HDF-3.3.1.0-centos7-rpm.tar.gz</a>
	Tars tarball	<a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/centos7/HDF-3.3.1.0-centos7-tars-tarball.tar.gz">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/centos7/HDF-3.3.1.0-centos7-tars-tarball.tar.gz</a>
	HDF Management Pack	<a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/centos7/tars/hdf_ambari_mp/hdf-ambari-mpack-3.3.1.0-10.tar.gz">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/centos7/tars/hdf_ambari_mp/hdf-ambari-mpack-3.3.1.0-10.tar.gz</a>
	MiNiFi C++ Agent	<a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/centos7/tars/nifi-minifi-cpp/nifi-minifi-cpp-0.6.0-bin.tar.gz">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/centos7/tars/nifi-minifi-cpp/nifi-minifi-cpp-0.6.0-bin.tar.gz</a>
	HDP and Ambari Repositories	
	Ambari	See the Ambari 2.7.3 installation documentation for more information.
	HDP	See the HDP 3.1.0.0 installation documentation for more information.
	HDP-UTILS	See the HDP 3.1.0.0 installation documentation for more information.

OS	Format	Download location
	OS Agnostic Downloads	
	NiFi only	<ul style="list-style-type: none"> <li>Zip File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-1.8.0.3.3.1.0-10-bin.zip">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-1.8.0.3.3.1.0-10-bin.zip</a></li> <li>Tar.gz File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-1.8.0.3.3.1.0-10-bin.tar.gz">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-1.8.0.3.3.1.0-10-bin.tar.gz</a></li> </ul>
	NiFi Toolkit	<ul style="list-style-type: none"> <li>Zip File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-toolkit-1.8.0.3.3.1.0-10-bin.zip">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-toolkit-1.8.0.3.3.1.0-10-bin.zip</a></li> <li>Tar.gz File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-toolkit-1.8.0.3.3.1.0-10-bin.tar.gz">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-toolkit-1.8.0.3.3.1.0-10-bin.tar.gz</a></li> </ul>
	Docker Hub	<a href="https://hub.docker.com/r/hortonworks/nifi/">https://hub.docker.com/r/hortonworks/nifi/</a> Tags are latest and 3.3.1.0
	NiFi Registry	<ul style="list-style-type: none"> <li>Zip File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-registry-0.3.0.3.3.1.0-10-bin.zip">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-registry-0.3.0.3.3.1.0-10-bin.zip</a></li> <li>Tar.gz File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-registry-0.3.0.3.3.1.0-10-bin.tar.gz">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-registry-0.3.0.3.3.1.0-10-bin.tar.gz</a></li> </ul>
	MiNiFi Java Agent	<ul style="list-style-type: none"> <li>Zip File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/minifi-0.6.0.3.3.1.0-10-bin.zip">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/minifi-0.6.0.3.3.1.0-10-bin.zip</a></li> <li>Tar.gz File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/minifi-0.6.0.3.3.1.0-10-bin.tar.gz">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/minifi-0.6.0.3.3.1.0-10-bin.tar.gz</a></li> </ul>
	MiNiFi Toolkit	<ul style="list-style-type: none"> <li>Zip File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/minifi-toolkit-0.6.0.3.3.1.0-10-bin.zip">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/minifi-toolkit-0.6.0.3.3.1.0-10-bin.zip</a></li> <li>Tar.gz File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/minifi-toolkit-0.6.0.3.3.1.0-10-bin.tar.gz">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/minifi-toolkit-0.6.0.3.3.1.0-10-bin.tar.gz</a></li> </ul>
	iOS/Android Libraries	<ul style="list-style-type: none"> <li>Android – <a href="https://github.com/hortonworks/nifi-android-s2s">https://github.com/hortonworks/nifi-android-s2s</a></li> <li>iOS – <a href="https://github.com/hortonworks/nifi-ios-s2s">https://github.com/hortonworks/nifi-ios-s2s</a></li> </ul>

**Table 4: SLES 12 HDF repository & additional download locations**

OS	Format	Download location
SUSE Linux Enterprise Server (SLES) v12 SP1	HDF Build Number	3.3.1.0-10
	HDF Base URL	<a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/sles12">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/sles12</a>
	Repo	<a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/sles12/hdf.repo">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/sles12/hdf.repo</a>
	RPM tarball	<a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/sles12/HDF-3.3.1.0-sles12-rpm.tar.gz">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/sles12/HDF-3.3.1.0-sles12-rpm.tar.gz</a>
	Tars tarball	<a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/sles12/HDF-3.3.1.0-sles12-tars-tarball.tar.gz">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/sles12/HDF-3.3.1.0-sles12-tars-tarball.tar.gz</a>
	HDF Management Pack	<a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/sles12/tars/hdf_ambari_mp/hdf-ambari-mpack-3.3.1.0-10.tar.gz">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/sles12/tars/hdf_ambari_mp/hdf-ambari-mpack-3.3.1.0-10.tar.gz</a>
	HDP and Ambari Repositories	
	Ambari	See the Ambari 2.7.3 installation documentation for more information.
	HDP	See the HDP 3.1.0.0 installation documentation for more information.
	HDP-UTILS	See the HDP 3.1.0.0 installation documentation for more information.
	OS Agnostic Downloads	
	NiFi only	<ul style="list-style-type: none"> <li>Zip File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-1.8.0.3.3.1.0-10-bin.zip">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-1.8.0.3.3.1.0-10-bin.zip</a></li> <li>Tar.gz File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-1.8.0.3.3.1.0-10-bin.tar.gz">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-1.8.0.3.3.1.0-10-bin.tar.gz</a></li> </ul>
	NiFi Toolkit	<ul style="list-style-type: none"> <li>Zip File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-toolkit-1.8.0.3.3.1.0-10-bin.zip">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-toolkit-1.8.0.3.3.1.0-10-bin.zip</a></li> <li>Tar.gz File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-toolkit-1.8.0.3.3.1.0-10-bin.tar.gz">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-toolkit-1.8.0.3.3.1.0-10-bin.tar.gz</a></li> </ul>
	Docker Hub	<a href="https://hub.docker.com/r/hortonworks/nifi/">https://hub.docker.com/r/hortonworks/nifi/</a> Tags are latest and 3.3.1.0

OS	Format	Download location
	NiFi Registry	<ul style="list-style-type: none"> <li>Zip File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-registry-0.3.0.3.3.1.0-10-bin.zip">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-registry-0.3.0.3.3.1.0-10-bin.zip</a></li> <li>Tar.gz File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-registry-0.3.0.3.3.1.0-10-bin.tar.gz">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-registry-0.3.0.3.3.1.0-10-bin.tar.gz</a></li> </ul>
	MiNiFi Java Agent	<ul style="list-style-type: none"> <li>Zip File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/minifi-0.6.0.3.3.1.0-10-bin.zip">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/minifi-0.6.0.3.3.1.0-10-bin.zip</a></li> <li>Tar.gz File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/minifi-0.6.0.3.3.1.0-10-bin.tar.gz">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/minifi-0.6.0.3.3.1.0-10-bin.tar.gz</a></li> </ul>
	MiNiFi Toolkit	<ul style="list-style-type: none"> <li>Zip File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/minifi-toolkit-0.6.0.3.3.1.0-10-bin.zip">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/minifi-toolkit-0.6.0.3.3.1.0-10-bin.zip</a></li> <li>Tar.gz File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/minifi-toolkit-0.6.0.3.3.1.0-10-bin.tar.gz">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/minifi-toolkit-0.6.0.3.3.1.0-10-bin.tar.gz</a></li> </ul>
	iOS/Android Libraries	<ul style="list-style-type: none"> <li>Android – <a href="https://github.com/hortonworks/nifi-android-s2s">https://github.com/hortonworks/nifi-android-s2s</a></li> <li>iOS – <a href="https://github.com/hortonworks/nifi-ios-s2s">https://github.com/hortonworks/nifi-ios-s2s</a></li> </ul>

**Table 5: Ubuntu 14 HDF repository & additional download locations**

OS	Format	Download location	
Ubuntu Trusty (14.04) (64-bit)	HDF Build Number	3.3.1.0-10	
	HDF Base URL	<a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/ubuntu14">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/ubuntu14</a>	
	Repo	<a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/ubuntu14/hdf.list">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/ubuntu14/hdf.list</a>	
	Deb tarball	<a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/ubuntu14/HDF-3.3.1.0-ubuntu14-deb.tar.gz">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/ubuntu14/HDF-3.3.1.0-ubuntu14-deb.tar.gz</a>	
	Tars tarball	<a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/ubuntu14/HDF-3.3.1.0-ubuntu14-tars-tarball.tar.gz">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/ubuntu14/HDF-3.3.1.0-ubuntu14-tars-tarball.tar.gz</a>	
	HDF Management Pack	<a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/ubuntu14/tars/hdf_ambari_mp/hdf-ambari-mpack-3.3.1.0-10.tar.gz">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/ubuntu14/tars/hdf_ambari_mp/hdf-ambari-mpack-3.3.1.0-10.tar.gz</a>	
	HDP and Ambari Repositories		
	Ambari	See the Ambari 2.7.3 installation documentation for more information.	
	HDP	See the HDP 3.1.0.0 installation documentation for more information.	
	HDP-UTILS	See the HDP 3.1.0.0 installation documentation for more information.	
	OS Agnostic Downloads		
	NiFi only	<ul style="list-style-type: none"> <li>Zip File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-1.8.0.3.3.1.0-10-bin.zip">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-1.8.0.3.3.1.0-10-bin.zip</a></li> <li>Tar.gz File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-1.8.0.3.3.1.0-10-bin.tar.gz">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-1.8.0.3.3.1.0-10-bin.tar.gz</a></li> </ul>	
	NiFi Toolkit	<ul style="list-style-type: none"> <li>Zip File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-toolkit-1.8.0.3.3.1.0-10-bin.zip">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-toolkit-1.8.0.3.3.1.0-10-bin.zip</a></li> <li>Tar.gz File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-toolkit-1.8.0.3.3.1.0-10-bin.tar.gz">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-toolkit-1.8.0.3.3.1.0-10-bin.tar.gz</a></li> </ul>	
	Docker Hub	<a href="https://hub.docker.com/r/hortonworks/nifi/">https://hub.docker.com/r/hortonworks/nifi/</a> Tags are latest and 3.3.1.0	
	NiFi Registry	<ul style="list-style-type: none"> <li>Zip File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-registry-0.3.0.3.3.1.0-10-bin.zip">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-registry-0.3.0.3.3.1.0-10-bin.zip</a></li> <li>Tar.gz File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-registry-0.3.0.3.3.1.0-10-bin.tar.gz">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-registry-0.3.0.3.3.1.0-10-bin.tar.gz</a></li> </ul>	
	MiNiFi Java Agent	<ul style="list-style-type: none"> <li>Zip File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/minifi-0.6.0.3.3.1.0-10-bin.zip">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/minifi-0.6.0.3.3.1.0-10-bin.zip</a></li> <li>Tar.gz File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/minifi-0.6.0.3.3.1.0-10-bin.tar.gz">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/minifi-0.6.0.3.3.1.0-10-bin.tar.gz</a></li> </ul>	
	MiNiFi Toolkit	<ul style="list-style-type: none"> <li>Zip File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/minifi-toolkit-0.6.0.3.3.1.0-10-bin.zip">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/minifi-toolkit-0.6.0.3.3.1.0-10-bin.zip</a></li> <li>Tar.gz File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/minifi-toolkit-0.6.0.3.3.1.0-10-bin.tar.gz">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/minifi-toolkit-0.6.0.3.3.1.0-10-bin.tar.gz</a></li> </ul>	

OS	Format	Download location
	iOS/Android Libraries	<ul style="list-style-type: none"> <li>Android – <a href="https://github.com/hortonworks/nifi-android-s2s">https://github.com/hortonworks/nifi-android-s2s</a></li> <li>iOS – <a href="https://github.com/hortonworks/nifi-ios-s2s">https://github.com/hortonworks/nifi-ios-s2s</a></li> </ul>

**Table 6: Ubuntu 16 HDF repository & additional download locations**

OS	Format	Download location	
Ubuntu Trusty 16 (64-bit)	HDF Build Number	3.3.1.0-10	
	HDF Base URL	<a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/ubuntu16">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/ubuntu16</a>	
	Repo	<a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/ubuntu16/hdf.list">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/ubuntu16/hdf.list</a>	
	Deb tarball	<a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/ubuntu16/HDF-3.3.1.0-ubuntu16-deb.tar.gz">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/ubuntu16/HDF-3.3.1.0-ubuntu16-deb.tar.gz</a>	
	Tars tarball	<a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/ubuntu16/HDF-3.3.1.0-ubuntu16-tars-tarball.tar.gz">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/ubuntu16/HDF-3.3.1.0-ubuntu16-tars-tarball.tar.gz</a>	
	HDF Management Pack	<a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/ubuntu16/tars/hdf_ambari_mp/hdf-ambari-mpack-3.3.1.0-10.tar.gz">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/ubuntu16/tars/hdf_ambari_mp/hdf-ambari-mpack-3.3.1.0-10.tar.gz</a>	
	MiNiFi C++ Agent	<a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/ubuntu16/tars/nifi-minifi-cpp/nifi-minifi-cpp-0.6.0-bin.tar.gz">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/ubuntu16/tars/nifi-minifi-cpp/nifi-minifi-cpp-0.6.0-bin.tar.gz</a>	
	HDP and Ambari Repositories		
	Ambari	See the Ambari 2.7.3 installation documentation for more information.	
	HDP	See the HDP 3.1.0.0 installation documentation for more information.	
	HDP-UTILS	See the HDP 3.1.0.0 installation documentation for more information.	
	OS Agnostic Downloads		
	NiFi only	<ul style="list-style-type: none"> <li>Zip File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-1.8.0.3.3.1.0-10-bin.zip">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-1.8.0.3.3.1.0-10-bin.zip</a></li> <li>Tar.gz File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-1.8.0.3.3.1.0-10-bin.tar.gz">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-1.8.0.3.3.1.0-10-bin.tar.gz</a></li> </ul>	
	NiFi Toolkit	<ul style="list-style-type: none"> <li>Zip File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-toolkit-1.8.0.3.3.1.0-10-bin.zip">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-toolkit-1.8.0.3.3.1.0-10-bin.zip</a></li> <li>Tar.gz File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-toolkit-1.8.0.3.3.1.0-10-bin.tar.gz">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-toolkit-1.8.0.3.3.1.0-10-bin.tar.gz</a></li> </ul>	
	Docker Hub	<a href="https://hub.docker.com/r/hortonworks/nifi/">https://hub.docker.com/r/hortonworks/nifi/</a> Tags are latest and 3.3.1.0	
	NiFi Registry	<ul style="list-style-type: none"> <li>Zip File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-registry-0.3.0.3.3.1.0-10-bin.zip">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-registry-0.3.0.3.3.1.0-10-bin.zip</a></li> <li>Tar.gz File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-registry-0.3.0.3.3.1.0-10-bin.tar.gz">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-registry-0.3.0.3.3.1.0-10-bin.tar.gz</a></li> </ul>	
	MiNiFi Java Agent	<ul style="list-style-type: none"> <li>Zip File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/minifi-0.6.0.3.3.1.0-10-bin.zip">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/minifi-0.6.0.3.3.1.0-10-bin.zip</a></li> <li>Tar.gz File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/minifi-0.6.0.3.3.1.0-10-bin.tar.gz">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/minifi-0.6.0.3.3.1.0-10-bin.tar.gz</a></li> </ul>	
	MiNiFi Toolkit	<ul style="list-style-type: none"> <li>Zip File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/minifi-toolkit-0.6.0.3.3.1.0-10-bin.zip">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/minifi-toolkit-0.6.0.3.3.1.0-10-bin.zip</a></li> <li>Tar.gz File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/minifi-toolkit-0.6.0.3.3.1.0-10-bin.tar.gz">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/minifi-toolkit-0.6.0.3.3.1.0-10-bin.tar.gz</a></li> </ul>	
	iOS/Android Libraries	<ul style="list-style-type: none"> <li>Android – <a href="https://github.com/hortonworks/nifi-android-s2s">https://github.com/hortonworks/nifi-android-s2s</a></li> <li>iOS – <a href="https://github.com/hortonworks/nifi-ios-s2s">https://github.com/hortonworks/nifi-ios-s2s</a></li> </ul>	

**Table 7: Debian 9 HDF repository & additional download locations**

OS	Format	Download location
Debian 9	HDF Build Number	3.3.1.0-10

OS	Format	Download location
	HDF Base URL	<a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/debian9">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/debian9</a>
	Repo	<a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/debian9/hdf.list">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/debian9/hdf.list</a>
	Deb tarball	<a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/debian9/HDF-3.3.1.0-debian9-deb.tar.gz">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/debian9/HDF-3.3.1.0-debian9-deb.tar.gz</a>
	Tars tarball	<a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/debian9/HDF-3.3.1.0-debian9-tars-tarball.tar.gz">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/debian9/HDF-3.3.1.0-debian9-tars-tarball.tar.gz</a>
	HDF Management Pack	<a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/debian9/tars/hdf_ambari_mp/hdf-ambari-mpack-3.3.1.0-10.tar.gz">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/debian9/tars/hdf_ambari_mp/hdf-ambari-mpack-3.3.1.0-10.tar.gz</a>
	HDP and Ambari Repositories	
	Ambari	See the Ambari 2.7.3 installation documentation for more information.
	HDP	See the HDP 3.1.0.0 installation documentation for more information.
	HDP-UTILS	See the HDP 3.1.0.0 installation documentation for more information.
	OS Agnostic Downloads	
	NiFi only	<ul style="list-style-type: none"> <li>Zip File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-1.8.0.3.3.1.0-10-bin.zip">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-1.8.0.3.3.1.0-10-bin.zip</a></li> <li>Tar.gz File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-1.8.0.3.3.1.0-10-bin.tar.gz">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-1.8.0.3.3.1.0-10-bin.tar.gz</a></li> </ul>
	NiFi Toolkit	<ul style="list-style-type: none"> <li>Zip File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-toolkit-1.8.0.3.3.1.0-10-bin.zip">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-toolkit-1.8.0.3.3.1.0-10-bin.zip</a></li> <li>Tar.gz File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-toolkit-1.8.0.3.3.1.0-10-bin.tar.gz">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-toolkit-1.8.0.3.3.1.0-10-bin.tar.gz</a></li> </ul>
	Docker Hub	<a href="https://hub.docker.com/r/hortonworks/nifi/">https://hub.docker.com/r/hortonworks/nifi/</a> Tags are latest and 3.3.1.0
	NiFi Registry	<ul style="list-style-type: none"> <li>Zip File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-registry-0.3.0.3.3.1.0-10-bin.zip">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-registry-0.3.0.3.3.1.0-10-bin.zip</a></li> <li>Tar.gz File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-registry-0.3.0.3.3.1.0-10-bin.tar.gz">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/nifi-registry-0.3.0.3.3.1.0-10-bin.tar.gz</a></li> </ul>
	MiNiFi Java Agent	<ul style="list-style-type: none"> <li>Zip File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/minifi-0.6.0.3.3.1.0-10-bin.zip">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/minifi-0.6.0.3.3.1.0-10-bin.zip</a></li> <li>Tar.gz File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/minifi-0.6.0.3.3.1.0-10-bin.tar.gz">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/minifi-0.6.0.3.3.1.0-10-bin.tar.gz</a></li> </ul>
	MiNiFi Toolkit	<ul style="list-style-type: none"> <li>Zip File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/minifi-toolkit-0.6.0.3.3.1.0-10-bin.zip">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/minifi-toolkit-0.6.0.3.3.1.0-10-bin.zip</a></li> <li>Tar.gz File – <a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/minifi-toolkit-0.6.0.3.3.1.0-10-bin.tar.gz">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/minifi-toolkit-0.6.0.3.3.1.0-10-bin.tar.gz</a></li> </ul>
	iOS/Android Libraries	<ul style="list-style-type: none"> <li>Android – <a href="https://github.com/hortonworks/nifi-android-s2s">https://github.com/hortonworks/nifi-android-s2s</a></li> <li>iOS – <a href="https://github.com/hortonworks/nifi-ios-s2s">https://github.com/hortonworks/nifi-ios-s2s</a></li> </ul>

**Table 8: NiFi and MiNiFi MSI files**

File	Location
NiFi MSI	<a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/windows">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/windows</a>
MiNiFi MSI	<a href="https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/windows/minifi-3.3.1.0-10.msi">https://archive.cloudera.com/p/HDF/3.x/3.3.1.0/windows/minifi-3.3.1.0-10.msi</a>

## HDF Repository Location for IBM Power Systems

**Table 9: RHEL 7 HDF repository & additional download locations**

OS	Format	Download location
RHEL 7 (64-bit):	HDF Build Number	3.3.1.0-10

OS	Format	Download location
	HDF Base URL	<a href="http://public-repo-1.hortonworks.com/HDF/centos7-ppc/3.x/updates/3.3.1.0">http://public-repo-1.hortonworks.com/HDF/centos7-ppc/3.x/updates/3.3.1.0</a>
	HDF Repo	<a href="http://public-repo-1.hortonworks.com/HDF/centos7-ppc/3.x/updates/3.3.1.0/hdf.repo">http://public-repo-1.hortonworks.com/HDF/centos7-ppc/3.x/updates/3.3.1.0/hdf.repo</a>
	RPM tarball	<a href="http://public-repo-1.hortonworks.com/HDF/centos7-ppc/3.x/updates/3.3.1.0/HDF-3.3.1.0-centos7-ppc-rpm.tar.gz">http://public-repo-1.hortonworks.com/HDF/centos7-ppc/3.x/updates/3.3.1.0/HDF-3.3.1.0-centos7-ppc-rpm.tar.gz</a>
	Tars tarball	<a href="http://public-repo-1.hortonworks.com/HDF/centos7-ppc/3.x/updates/3.3.1.0/HDF-3.3.1.0-centos7-ppc-tars-tarball.tar.gz">http://public-repo-1.hortonworks.com/HDF/centos7-ppc/3.x/updates/3.3.1.0/HDF-3.3.1.0-centos7-ppc-tars-tarball.tar.gz</a>
	HDF Management Pack	<a href="http://public-repo-1.hortonworks.com/HDF/centos7-ppc/3.x/updates/3.3.1.0/tars/hdf_ambari_mp/hdf-ambari-mpack-3.3.1.0-10.tar.gz">http://public-repo-1.hortonworks.com/HDF/centos7-ppc/3.x/updates/3.3.1.0/tars/hdf_ambari_mp/hdf-ambari-mpack-3.3.1.0-10.tar.gz</a>
	HDP and Ambari Repositories	
	Ambari	<a href="http://public-repo-1.hortonworks.com/ambari/centos7-ppc/2.x/updates/2.7.3.0/ambari.repo">http://public-repo-1.hortonworks.com/ambari/centos7-ppc/2.x/updates/2.7.3.0/ambari.repo</a>
	HDP	<a href="http://public-repo-1.hortonworks.com/HDP/centos7-ppc/3.x/updates/3.1.0.0/hdp.repo">http://public-repo-1.hortonworks.com/HDP/centos7-ppc/3.x/updates/3.1.0.0/hdp.repo</a>
	HDP-UTILS	<a href="http://public-repo-1.hortonworks.com/HDP-UTILS-1.1.0.22/repos/centos7-ppc/hdp-utils.repo">http://public-repo-1.hortonworks.com/HDP-UTILS-1.1.0.22/repos/centos7-ppc/hdp-utils.repo</a>

## Common Vulnerabilities and Exposures

The following CVEs have been fixed in HDF 3.3.1:

None.

For information about CVEs fixed in HDF 3.3.0, see the [HDF 3.3.0 Release Notes](#).

## Fixed Issues

Fixed issues represents selected issues that were previously logged via Hortonworks Support, but are now addressed in the current release. These issues may have been reported in previous versions within the Known Issues section; meaning they were reported by customers or identified by Hortonworks Quality Engineering team.

**Table 10: Fixed Issues**

Hortonworks Bug ID	Apache JIRA	Summary
BUG-114909		For an empty input avro file, PutHive3Streaming processor throws RecordReaderFactoryException and keeps on retrying.
BUG-109609		When Upgrading to HDF 3.2 with NiFi Registry installed, NiFi install will fail if Ranger is being used for Authorization.

## Known Issues

Summary of known issues for this release.

**Table 11: Known Issues**

Hortonworks Bug ID	Apache JIRA	Apache Component	Summary
N/A	N/A	NiFi	<p>JDK 8u242 and newer versions cause Site-to-Site failure</p> <p>When you use JDK 8u242 or a newer version, the RAW transport protocol in Site-to-Site fails with the following exception:</p> <pre> 2018-12-19 16:19:26,811 ERROR [Site-to-Site Listener] org.apache.nifi.NiFi java.nio.channels.IllegalBlockingModeException: null at java.base/sun.nio.ch.ServerSocketAdaptor.accept(SocketChannel) at org.apache.nifi.remote.SiteListener.run(SocketRemoteSiteListener) at java.base/java.lang.Thread.run(Thread)                     </pre> <p>Workarounds: Choose one of the following options before upgrading to JDK 8u242 or a newer JDK version:</p> <ul style="list-style-type: none"> <li>• Upgrade to HDF 3.51 or a newer version. Cloudera recommends this option.</li> <li>• Change all the Remote Process Groups and Site-to-Site based reporting tasks to use HTTP transport protocol instead of RAW transport protocol.</li> </ul> <p>If neither of these options work for you, contact <a href="#">Cloudera Support</a> for other options.</p>
BUG-108848	N/A	Kafka	<p>Kafka 1.1.1 producer cannot produce messages with snappy compression on IBM Power.</p>

**Table 12: Technical Service Bulletin**

Technical Service Bulletin	Apache JIRA	Apache component	Summary
TSB-497	N/A	Solr	<p>CVE-2021-27905: Apache Solr SSRF vulnerability with the Replication handler</p> <p>The Apache Solr ReplicationHandler (normally registered at "/replication" under a Solr core) has a "masterUrl" (also "leaderUrl" alias) parameter. The "masterUrl" parameter is used to designate another ReplicationHandler on another Solr core to replicate index data into the local core. To help prevent the CVE-2021-27905 SSRF vulnerability, Solr should check these parameters against a similar configuration used for the "shards" parameter.</p> <p>For the latest update on this issue, see the corresponding Knowledge article: <a href="#">TSB 2021-497: CVE-2021-27905: Apache Solr SSRF vulnerability with the Replication handler</a></p>

## Third-Party Licenses

HDF 3.3.1 deploys numerous third-party licenses and dependencies, all of which are compatible with the Apache software license. For complete third-party license information, see the licenses and notice files contained within the distribution.

## Legal Information

Hortonworks DataFlow 3.3.1

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