

Release Notes 3

Release Notes

Date of Publish: 2019-05-15



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

Contents

Hortonworks DataFlow 3.4.1.1 Release Notes.....	3
Component Support.....	3
Component Availability in HDF.....	3
What's New in HDF 3.4.1.1.....	4
Unsupported Features.....	4
Technical Preview Features.....	4
Community Driven Features.....	5
Unsupported HDP Components.....	6
Unsupported Customizations.....	7
Behavior Changes.....	7
Apache Patch Information.....	7
NiFi Patches.....	7
HDF Repository Locations.....	7
HDF Repository Location for IBM Power Systems.....	13
Common Vulnerabilities and Exposures.....	13
Fixed Issues.....	13
Known Issues.....	14
Third-Party Licenses.....	16
Legal Information.....	16

Hortonworks DataFlow 3.4.1.1 Release Notes

This document provides you with the latest information about the HDF 3.4.1.1 release and its product documentation.

Component Support

HDF 3.4.1.1 includes the following components:

- Apache Ambari 2.7.3
- Apache Kafka 2.1.0
- Apache NiFi 1.9.0
- NiFi Registry 0.3.0
- 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 0.7.0
- 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 3.4.0	1.9.0	1.2.1	2.1.0	3.4.6	2.7.3	1.2.0	0.6.0	0.6.0	0.6.0	0.7.0	0.3.0	1.5.0
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

	NiFi	Storm	Kafka	ZooKeeper	Ambari	Ranger	MiNiFi Java Agent	MiNiFi C++	Streaming Analytics Manager	Schema Registry	NiFi Registry	SmartSense
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
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 3.4.1.1

HDF 3.4.1.1 is a maintenance release that includes mainly bug fixes. There are no new features introduced in this release.

For information on the fixed bugs, see *Fixed Issues*.

Related Information

[Fixed Issues](#)

Unsupported Features

Some features exist within HDF 3.4.1.1, but Hortonworks does not currently support these capabilities.

Technical Preview Features

The following features are available within 3.4.1.1 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
- CompareFuzzyHash
- ConsumeIMAP
- ConsumeKafka_0_11
- ConsumeKafkaRecord_0_11
- ConsumePOP3
- ConvertExcelToCSVProcessor
- CountText
- DebugFlow
- DeleteMongo
- DeleteRethinkDB
- ExecuteSparkInteractive
- ExtractCCDAAtributes
- ExtractEmailAttachments
- ExtractEmailHeaders
- ExtractMediaMetadata
- ExtractTNEFAttachments
- ExecuteFlumeSink
- ExecuteFlumeSource
- FuzzyHashContent
- GetDynamoDB
- GetHDFSEvents
- GetMongo
- GetRethinkDB
- GetSNMP
- InvokeGRPC
- ISPErichIP
- InferAvroSchema
- ListenBeats
- ListenGRPC
- ListenLumberjack
- ListenSMTP

- ModifyBytes
- MoveHDFS
- OrcFormatConversion
- ParseNetflowv5
- ParseSyslog5424
- PublishKafka_0_11
- PublishKafkaRecord_0_11
- PutCassandraRecord
- PutMongoRecord
- PutRethinkDB
- PutIgniteCache
- PutMongo
- PutSlack
- PutTCP
- PutUDP
- QueryDNS
- RunMongoAggregation
- SetSNMP
- SpringContextProcessor
- StoreInKiteDataset

**Note:**

HDF 3.4.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

- ConfluentSchemaRegistry
- 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 3.4.1.1 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

Behavioral changes denote a marked change in behavior from the previously released version to this version of software.

There are no behavioral changes in this release.

Apache Patch Information

The following sections list patches in each HDF 3.4.1.1 component beyond what was fixed in the base version of the Apache component.

NiFi Patches

This release provides NiFi 1.9.0 and the listed Apache patches.

- [NIFI-6097](#): Upgrade jackson-databind direct dependencies.
- [NIFI-6105](#): Arrays of records/maps not handled correctly in Record processors.
- [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-6215](#): Cannot swap in Flowfiles.
- [NIFI-6236](#): Content Repo not getting cleaned up when using VolatileFlowFileRepository.

For information about Apache NiFi patches fixed in HDF 3.4.0, see <https://docs.hortonworks.com/HDPDocuments/HDF3/HDF-3.4.0/release-notes/content/patches-nifi.html>.

HDF Repository Locations

Use the following tables to identify the HDF 3.4.1.1 repository location for your operating system and operational objectives.

Table 2: Amazon Linux 2 repositories & additional download locations

OS	Format	Download location
Amazon Linux 2	HDF Build number	3.4.1.1-4
	HDF Base URL	http://public-repo-1.hortonworks.com/HDF/amazonlinux2/3.x/updates/3.4.1.1
	HDF Repo	http://public-repo-1.hortonworks.com/HDF/amazonlinux2/3.x/updates/3.4.1.1/hdf.repo

OS	Format	Download location
	RPM tarball	http://public-repo-1.hortonworks.com/HDF/amazonlinux2/3.x/updates/3.4.1.1/HDF-3.4.1.1-amazonlinux2-rpm.tar.gz
	Tars tarball	http://public-repo-1.hortonworks.com/HDF/amazonlinux2/3.x/updates/3.4.1.1/HDF-3.4.1.1-amazonlinux2-tars-tarball.tar.gz
	HDF Management Pack	http://public-repo-1.hortonworks.com/HDF/amazonlinux2/3.x/updates/3.4.1.1/tars/hdf_ambari_mp/hdf-ambari-mpack-3.4.1.1-4.tar.gz
	HDP and Ambari Repositories	
	Ambari	http://public-repo-1.hortonworks.com/ambari/amazonlinux2/2.x/updates/2.7.3.0/ambari.repo
	HDP	http://public-repo-1.hortonworks.com/HDP/amazonlinux2/3.x/updates/3.1.0.0/hdp.repo
	HDP-UTILS	http://public-repo-1.hortonworks.com/HDP-UTILS-1.1.0.22/repos/amazonlinux2
	OS Agnostic Downloads	
	NiFi only	<ul style="list-style-type: none"> Zip File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/nifi-1.9.0.3.4.1.1-4-bin.zip Tar.gz File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/nifi-1.9.0.3.4.1.1-4-bin.tar.gz
	NiFi Toolkit	<ul style="list-style-type: none"> Zip File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/nifi-toolkit-1.9.0.3.4.1.1-4-bin.zip Tar.gz File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/nifi-toolkit-1.9.0.3.4.1.1-4-bin.tar.gz
	Docker Hub	https://hub.docker.com/r/hortonworks/nifi/ Tags are latest and 3.4.1.1
	NiFi Registry	<ul style="list-style-type: none"> Zip File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/nifi-registry-0.3.0.3.4.1.1-4-bin.zip Tar.gz File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/nifi-registry-0.3.0.3.4.1.1-4-bin.tar.gz
	MiNiFi Java Agent	<ul style="list-style-type: none"> Zip File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/minifi-0.6.0.3.4.1.1-4-bin.zip Tar.gz File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/minifi-0.6.0.3.4.1.1-4-bin.tar.gz
	MiNiFi Toolkit	<ul style="list-style-type: none"> Zip File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/minifi-toolkit-0.6.0.3.4.1.1-4-bin.zip Tar.gz File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/minifi-toolkit-0.6.0.3.4.1.1-4-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: RHEL/Oracle Linux/CentOS 7 HDF repository & additional download locations

OS	Format	Download location
RHEL/Oracle Linux/CentOS 7 (64-bit):	HDF Build Number	3.4.1.1-4
	HDF Base URL	http://public-repo-1.hortonworks.com/HDF/centos7/3.x/updates/3.4.1.1
	HDF Repo	http://public-repo-1.hortonworks.com/HDF/centos7/3.x/updates/3.4.1.1/hdf.repo
	RPM tarball	http://public-repo-1.hortonworks.com/HDF/centos7/3.x/updates/3.4.1.1/HDF-3.4.1.1-centos7-rpm.tar.gz
	Tars tarball	http://public-repo-1.hortonworks.com/HDF/centos7/3.x/updates/3.4.1.1/HDF-3.4.1.1-centos7-tars-tarball.tar.gz
	HDF Management Pack	http://public-repo-1.hortonworks.com/HDF/centos7/3.x/updates/3.4.1.1/tars/hdf_ambari_mp/hdf-ambari-mpack-3.4.1.1-4.tar.gz
	MiNiFi C++ Agent	http://public-repo-1.hortonworks.com/HDF/centos7/3.x/updates/3.4.1.1/tars/nifi-minifi-cpp/nifi-minifi-cpp-0.6.0-bin.tar.gz

OS	Format	Download location
	HDP and Ambari Repositories	
	Ambari	http://public-repo-1.hortonworks.com/ambari/centos7/2.x/updates/2.7.3.0/ambari.repo
	HDP	http://public-repo-1.hortonworks.com/HDP/centos7/3.x/updates/3.1.0.0/hdp.repo
	HDP-UTILS	http://public-repo-1.hortonworks.com/HDP-UTILS-1.1.0.22/repos/centos7
	OS Agnostic Downloads	
	NiFi only	<ul style="list-style-type: none"> Zip File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/nifi-1.9.0.3.4.1.1-4-bin.zip Tar.gz File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/nifi-1.9.0.3.4.1.1-4-bin.tar.gz
	NiFi Toolkit	<ul style="list-style-type: none"> Zip File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/nifi-toolkit-1.9.0.3.4.1.1-4-bin.zip Tar.gz File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/nifi-toolkit-1.9.0.3.4.1.1-4-bin.tar.gz
	Docker Hub	https://hub.docker.com/r/hortonworks/nifi/ Tags are latest and 3.4.1.1
	NiFi Registry	<ul style="list-style-type: none"> Zip File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/nifi-registry-0.3.0.3.4.1.1-4-bin.zip Tar.gz File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/nifi-registry-0.3.0.3.4.1.1-4-bin.tar.gz
	MiNiFi Java Agent	<ul style="list-style-type: none"> Zip File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/minifi-0.6.0.3.4.1.1-4-bin.zip Tar.gz File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/minifi-0.6.0.3.4.1.1-4-bin.tar.gz
	MiNiFi Toolkit	<ul style="list-style-type: none"> Zip File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/minifi-toolkit-0.6.0.3.4.1.1-4-bin.zip Tar.gz File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/minifi-toolkit-0.6.0.3.4.1.1-4-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: SLES 12 HDF repository & additional download locations

OS	Format	Download location
SUSE Linux Enterprise Server (SLES) v12 SP1	HDF Build Number	3.4.1.1-4
	HDF Base URL	http://public-repo-1.hortonworks.com/HDF/sles12/3.x/updates/3.4.1.1
	Repo	http://public-repo-1.hortonworks.com/HDF/sles12/3.x/updates/3.4.1.1/hdf.repo
	RPM tarball	http://public-repo-1.hortonworks.com/HDF/sles12/3.x/updates/3.4.1.1/HDF-3.4.1.1-sles12-rpm.tar.gz
	Tars tarball	http://public-repo-1.hortonworks.com/HDF/sles12/3.x/updates/3.4.1.1/HDF-3.4.1.1-sles12-tars-tarball.tar.gz
	HDF Management Pack	http://public-repo-1.hortonworks.com/HDF/sles12/3.x/updates/3.4.1.1/tars/hdf_ambari_mp/hdf-ambari-mpack-3.4.1.1-4.tar.gz
	HDP and Ambari Repositories	
	Ambari	http://public-repo-1.hortonworks.com/ambari/sles12/2.x/updates/2.7.3.0/ambari.repo
	HDP	http://public-repo-1.hortonworks.com/HDP/sles12/3.x/updates/3.1.0.0/hdp.repo
	HDP-UTILS	http://public-repo-1.hortonworks.com/HDP-UTILS-1.1.0.22/repos/sles12
	OS Agnostic Downloads	
	NiFi only	<ul style="list-style-type: none"> Zip File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/nifi-1.9.0.3.4.1.1-4-bin.zip Tar.gz File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/nifi-1.9.0.3.4.1.1-4-bin.tar.gz

OS	Format	Download location
	NiFi Toolkit	<ul style="list-style-type: none"> Zip File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/nifi-toolkit-1.9.0.3.4.1.1-4-bin.zip Tar.gz File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/nifi-toolkit-1.9.0.3.4.1.1-4-bin.tar.gz
	Docker Hub	https://hub.docker.com/r/hortonworks/nifi/ Tags are latest and 3.4.1.1
	NiFi Registry	<ul style="list-style-type: none"> Zip File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/nifi-registry-0.3.0.3.4.1.1-4-bin.zip Tar.gz File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/nifi-registry-0.3.0.3.4.1.1-4-bin.tar.gz
	MiNiFi Java Agent	<ul style="list-style-type: none"> Zip File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/minifi-0.6.0.3.4.1.1-4-bin.zip Tar.gz File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/minifi-0.6.0.3.4.1.1-4-bin.tar.gz
	MiNiFi Toolkit	<ul style="list-style-type: none"> Zip File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/minifi-toolkit-0.6.0.3.4.1.1-4-bin.zip Tar.gz File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/minifi-toolkit-0.6.0.3.4.1.1-4-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: Ubuntu 14 HDF repository & additional download locations

OS	Format	Download location	
Ubuntu Trusty (14.04) (64-bit)	HDF Build Number	3.4.1.1-4	
	HDF Base URL	http://public-repo-1.hortonworks.com/HDF/ubuntu14/3.x/updates/3.4.1.1	
	Repo	http://public-repo-1.hortonworks.com/HDF/ubuntu14/3.x/updates/3.4.1.1/hdf.list	
	Deb tarball	http://public-repo-1.hortonworks.com/HDF/ubuntu14/3.x/updates/3.4.1.1/HDF-3.4.1.1-ubuntu14-deb.tar.gz	
	Tars tarball	http://public-repo-1.hortonworks.com/HDF/ubuntu14/3.x/updates/3.4.1.1/HDF-3.4.1.1-ubuntu14-tars-tarball.tar.gz	
	HDF Management Pack	http://public-repo-1.hortonworks.com/HDF/ubuntu14/3.x/updates/3.4.1.1/tars/hdf_ambari_mp/hdf-ambari-mpack-3.4.1.1-4.tar.gz	
	HDP and Ambari Repositories		
	Ambari	http://public-repo-1.hortonworks.com/ambari/ubuntu14/2.x/updates/2.7.3.0/ambari.list	
	HDP	http://public-repo-1.hortonworks.com/HDP/ubuntu14/3.x/updates/3.1.0.0/hdp.list	
	HDP-UTILS	http://public-repo-1.hortonworks.com/HDP-UTILS-1.1.0.22/repos/ubuntu14	
	OS Agnostic Downloads		
	NiFi only	<ul style="list-style-type: none"> Zip File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/nifi-1.9.0.3.4.1.1-4-bin.zip Tar.gz File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/nifi-1.9.0.3.4.1.1-4-bin.tar.gz 	
	NiFi Toolkit	<ul style="list-style-type: none"> Zip File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/nifi-toolkit-1.9.0.3.4.1.1-4-bin.zip Tar.gz File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/nifi-toolkit-1.9.0.3.4.1.1-4-bin.tar.gz 	
	Docker Hub	https://hub.docker.com/r/hortonworks/nifi/ Tags are latest and 3.4.1.1	
NiFi Registry	<ul style="list-style-type: none"> Zip File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/nifi-registry-0.3.0.3.4.1.1-4-bin.zip Tar.gz File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/nifi-registry-0.3.0.3.4.1.1-4-bin.tar.gz 		

OS	Format	Download location
	MiNiFi Java Agent	<ul style="list-style-type: none"> Zip File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/minifi-0.6.0.3.4.1.1-4-bin.zip Tar.gz File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/minifi-0.6.0.3.4.1.1-4-bin.tar.gz
	MiNiFi Toolkit	<ul style="list-style-type: none"> Zip File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/minifi-toolkit-0.6.0.3.4.1.1-4-bin.zip Tar.gz File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/minifi-toolkit-0.6.0.3.4.1.1-4-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: Ubuntu 16 HDF repository & additional download locations

OS	Format	Download location	
Ubuntu Trusty 16 (64-bit)	HDF Build Number	3.4.1.1-4	
	HDF Base URL	http://public-repo-1.hortonworks.com/HDF/ubuntu16/3.x/updates/3.4.1.1	
	Repo	http://public-repo-1.hortonworks.com/HDF/ubuntu16/3.x/updates/3.4.1.1/hdf.list	
	Deb tarball	http://public-repo-1.hortonworks.com/HDF/ubuntu16/3.x/updates/3.4.1.1/HDF-3.4.1.1-ubuntu16-deb.tar.gz	
	Tars tarball	http://public-repo-1.hortonworks.com/HDF/ubuntu16/3.x/updates/3.4.1.1/HDF-3.4.1.1-ubuntu16-tars-tarball.tar.gz	
	HDF Management Pack	http://public-repo-1.hortonworks.com/HDF/ubuntu16/3.x/updates/3.4.1.1/tars/hdf_ambari_mp/hdf-ambari-mpack-3.4.1.1-4.tar.gz	
	MiNiFi C++ Agent	http://public-repo-1.hortonworks.com/HDF/ubuntu16/3.x/updates/3.4.1.1/tars/nifi-minifi-cpp/nifi-minifi-cpp-0.6.0-bin.tar.gz	
	HDP and Ambari Repositories		
	Ambari	http://public-repo-1.hortonworks.com/ambari/ubuntu16/2.x/updates/2.7.3.0/ambari.list	
	HDP	http://public-repo-1.hortonworks.com/HDP/ubuntu16/3.x/updates/3.1.0.0/hdp.list	
	HDP-UTILS	http://public-repo-1.hortonworks.com/HDP-UTILS-1.1.0.22/repos/ubuntu16	
	OS Agnostic Downloads		
	NiFi only	<ul style="list-style-type: none"> Zip File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/nifi-1.9.0.3.4.1.1-4-bin.zip Tar.gz File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/nifi-1.9.0.3.4.1.1-4-bin.tar.gz 	
	NiFi Toolkit	<ul style="list-style-type: none"> Zip File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/nifi-toolkit-1.9.0.3.4.1.1-4-bin.zip Tar.gz File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/nifi-toolkit-1.9.0.3.4.1.1-4-bin.tar.gz 	
	Docker Hub	https://hub.docker.com/r/hortonworks/nifi/ Tags are latest and 3.4.1.1	
	NiFi Registry	<ul style="list-style-type: none"> Zip File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/nifi-registry-0.3.0.3.4.1.1-4-bin.zip Tar.gz File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/nifi-registry-0.3.0.3.4.1.1-4-bin.tar.gz 	
	MiNiFi Java Agent	<ul style="list-style-type: none"> Zip File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/minifi-0.6.0.3.4.1.1-4-bin.zip Tar.gz File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/minifi-0.6.0.3.4.1.1-4-bin.tar.gz 	
MiNiFi Toolkit	<ul style="list-style-type: none"> Zip File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/minifi-toolkit-0.6.0.3.4.1.1-4-bin.zip Tar.gz File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/minifi-toolkit-0.6.0.3.4.1.1-4-bin.tar.gz 		

OS	Format	Download location
	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 7: Debian 9 HDF repository & additional download locations

OS	Format	Download location	
Debian 9	HDF Build Number	3.4.1.1-4	
	HDF Base URL	http://public-repo-1.hortonworks.com/HDF/debian9/3.x/updates/3.4.1.1	
	Repo	http://public-repo-1.hortonworks.com/HDF/debian9/3.x/updates/3.4.1.1/hdf.list	
	Deb tarball	http://public-repo-1.hortonworks.com/HDF/debian9/3.x/updates/3.4.1.1/HDF-3.4.1.1-debian9-deb.tar.gz	
	Tars tarball	http://public-repo-1.hortonworks.com/HDF/debian9/3.x/updates/3.4.1.1/HDF-3.4.1.1-debian9-tars-tarball.tar.gz	
	HDF Management Pack	http://public-repo-1.hortonworks.com/HDF/debian9/3.x/updates/3.4.1.1/tars/hdf_ambari_mp/hdf-ambari-mpack-3.4.1.1-4.tar.gz	
	HDP and Ambari Repositories		
	Ambari	http://public-repo-1.hortonworks.com/ambari/debian9/2.x/updates/2.7.3.0/ambari.list	
	HDP	http://public-repo-1.hortonworks.com/HDP/debian9/3.x/updates/3.1.0.0/hdp.list	
	HDP-UTILS Base URL	http://public-repo-1.hortonworks.com/HDP-UTILS-1.1.0.22/repos/debian9	
	OS Agnostic Downloads		
	NiFi only	<ul style="list-style-type: none"> Zip File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/nifi-1.9.0.3.4.1.1-4-bin.zip Tar.gz File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/nifi-1.9.0.3.4.1.1-4-bin.tar.gz 	
	NiFi Toolkit	<ul style="list-style-type: none"> Zip File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/nifi-toolkit-1.9.0.3.4.1.1-4-bin.zip Tar.gz File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/nifi-toolkit-1.9.0.3.4.1.1-4-bin.tar.gz 	
	Docker Hub	https://hub.docker.com/r/hortonworks/nifi/ Tags are latest and 3.4.1.1	
	NiFi Registry	<ul style="list-style-type: none"> Zip File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/nifi-registry-0.3.0.3.4.1.1-4-bin.zip Tar.gz File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/nifi-registry-0.3.0.3.4.1.1-4-bin.tar.gz 	
	MiNiFi Java Agent	<ul style="list-style-type: none"> Zip File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/minifi-0.6.0.3.4.1.1-4-bin.zip Tar.gz File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/minifi-0.6.0.3.4.1.1-4-bin.tar.gz 	
	MiNiFi Toolkit	<ul style="list-style-type: none"> Zip File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/minifi-toolkit-0.6.0.3.4.1.1-4-bin.zip Tar.gz File – http://public-repo-1.hortonworks.com/HDF/3.4.1.1/minifi-toolkit-0.6.0.3.4.1.1-4-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 8: NiFi and MiNiFi MSI files

File	Location
NiFi MSI	http://public-repo-1.hortonworks.com/HDF/windows/3.x/updates/3.4.1.1/nifi-3.4.1.1-4.msi

File	Location
MiNiFi MSI	http://public-repo-1.hortonworks.com/HDF/windows/3.x/updates/3.4.1.1/minifi-3.4.1.1-4.msi

HDF Repository Location for IBM Power Systems

Use the following table to identify the HDF 3.4.1.1 repository location for IBM power systems and operational objectives.

Table 9: RHEL 7 HDF repository & additional download locations

OS	Format	Download location
RHEL 7 (64-bit):	HDF Build Number	3.4.1.1-4
	HDF Base URL	http://public-repo-1.hortonworks.com/HDF/centos7-ppc/3.x/updates/3.4.1.1
	HDF Repo	http://public-repo-1.hortonworks.com/HDF/centos7-ppc/3.x/updates/3.4.1.1/hdf.repo
	RPM tarball	http://public-repo-1.hortonworks.com/HDF/centos7-ppc/3.x/updates/3.4.1.1/HDF-3.4.1.1-centos7-ppc-rpm.tar.gz
	Tars tarball	http://public-repo-1.hortonworks.com/HDF/centos7-ppc/3.x/updates/3.4.1.1/HDF-3.4.1.1-centos7-ppc-tars-tarball.tar.gz
	HDF Management Pack	http://public-repo-1.hortonworks.com/HDF/centos7-ppc/3.x/updates/3.4.1.1/tars/hdf_ambari_mp/hdf-ambari-mpack-3.4.1.1-4.tar.gz
	HDP and Ambari Repositories	
	Ambari	http://public-repo-1.hortonworks.com/ambari/centos7-ppc/2.x/updates/2.7.3.0/ambari.repo
	HDP	http://public-repo-1.hortonworks.com/HDP/centos7-ppc/3.x/updates/3.1.0.0/hdp.repo
	HDP-UTILS	http://public-repo-1.hortonworks.com/HDP-UTILS-1.1.0.22/repos/centos7-ppc/hdp-utils.repo

Common Vulnerabilities and Exposures

Lists common vulnerabilities and exposures fixed in HDF 3.4.1.1.

The following CVEs have been fixed in HDF 3.4.1.1:

None.

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

Fixed Issues

Summary of fixed issues for this release.

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-118669	NIFI-6105	Arrays of records/maps not handled correctly in Record processors.
BUG-119082	NIFI-6150	Content Repo not getting cleaned up.

Hortonworks Bug ID	Apache JIRA	Summary
BUG-119179	NIFI-6155	Framework task that checks if a component should run is not protected by try/catch.
BUG-119729	NIFI-6215	Cannot swap in Flowfiles.
BUG-119730	NIFI-6236	Content Repo not getting cleaned up when using VolatileFlowFileRepository.
BUG-119846	NIFI-6097	Upgrade jackson-databind direct dependencies.

Known Issues

Summary of known issues for this release.

Table 11: Known Issues

Hortonworks Bug ID	Apache JIRA	Apache Component	Summary
BUG-120051	NIFI-6285	NiFi	<p>Description of the problem:</p> <p>When you configure a NiFi Connection by changing the Load Balance Strategy, NiFi automatically redistributes the data as needed. If this occurs while data is swapped out from the NiFi process, however, this can result in the data not being swapped back in. When this occurs, the data remains in the queue and not be processed.</p> <p>Associated error message:</p> <p>You may see an error message in the logs, similar to:</p> <p>Encountered unknown Swap File ./flowfile_repository/swap/1557762343026-9e6b1ea4-016a-1000-ffff-ffff9a287a94-0ef48376-b919-4aae-9b72-0e7acfd1bfb9.rebalance.swap; will ignore this Swap File. This file should be cleaned up manually.</p> <p>To avoid this issue:</p> <p>To avoid this, ensure that you stop the Processor upstream of any connection and allow the queue to empty before changing the Load Balance Strategy.</p> <p>To work around this issue:</p> <p>To work around this issue if you do encounter it, shut down NiFi and rename the files in the FlowFile Repository's "swap" directory such that it matches the pattern <timestamp>-<connection identifier>-<uuid>.local.swap instead of <timestamp>-<connection identifier>-<uuid>.<other-partition-name>.swap and then restart NiFi. Be sure only to rename those Swap Files whose name contains the relevant connection's identifier.</p>
BUG-118594	N/A	N/A	<p>Description of the problem:</p> <p>SAM app with storm-druid sink throws exception.</p>
BUG-108848	N/A	Kafka	<p>Description of the problem:</p> <p>Kafka 1.1.1 producer cannot produce messages with snappy compression on IBM Power.</p>

Third-Party Licenses

HDF 3.4.1.1 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 3.4.1.1

Copyright information for Hortonworks DataFlow components may be found within the documentation accompanying each component in a particular release.

Hortonworks DataFlow incorporates software from various open source projects released primarily under the Apache Software License 2.0 (“ASLv2”). Other software included may be released under the terms of alternative ASLv2 compatible open source licenses. Please review the license and notice files accompanying the software for additional licensing information.

Please visit the Hortonworks DataFlow page for more information on Hortonworks DataFlow technology. For more information on Hortonworks support services, please visit either the Support or Sales page. Feel free to contact us directly to discuss your specific needs.

Hortonworks reserves the right to change any products described herein at any time, and without notice. Hortonworks assumes no responsibility or liability arising from the use of products described herein, except as expressly agreed to in writing by Hortonworks.

Trademark: Hortonworks DataFlow is/are trademark/s of Hortonworks, Inc. in the United States and other countries. All other trademarks are the property of their respective owners.

Disclaimer: EXCEPT AS EXPRESSLY PROVIDED IN A WRITTEN AGREEMENT WITH HORTONWORKS, HORTONWORKS DOES NOT MAKE OR GIVE ANY REPRESENTATION, WARRANTY, OR COVENANT OF ANY KIND, WHETHER EXPRESS OR IMPLIED, IN CONNECTION WITH HORTONWORKS TECHNOLOGY OR RELATED SUPPORT PROVIDED IN CONNECTION THEREWITH. HORTONWORKS DOES NOT WARRANT THAT Hortonworks DataFlow WILL OPERATE UNINTERRUPTED OR THAT IT WILL BE FREE FROM DEFECTS OR ERRORS, THAT IT WILL PROTECT YOUR DATA FROM LOSS, CORRUPTION OR UNAVAILABILITY, OR THAT # WILL MEET ALL OF CUSTOMER’S BUSINESS REQUIREMENTS. WITHOUT LIMITING THE FOREGOING, AND TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, HORTONWORKS EXPRESSLY DISCLAIMS ANY AND ALL IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO IMPLIED WARRANTIES OF MERCHANTABILITY, QUALITY, NON-INFRINGEMENT, TITLE, AND FITNESS FOR A PARTICULAR PURPOSE AND ANY REPRESENTATION, WARRANTY, OR COVENANT BASED ON COURSE OF DEALING OR USAGE IN TRADE.