

Apache HAWQ 2.3.0.0-incubating Release

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Goal

The goal of this release is to keep enhancing Apache HAWQ features, fixing bugs, and to finalise package license files. Further more, we plan fix project library license possible issues according to project graduation criteria LC20, LC30, which are the last two items not ticked yet. And as the output, both source and binary tar balls will be provided for downloading.

Reference for LC20, LC30 : [ASF Maturity Evaluation](#)

Plan Scope

- New Feature: HAWQ Ranger supports RPS HA. (Done)
- New Feature: HAWQ Ranger supports Kerberos authentication. (Done)
- New Feature: HAWQ Core supports plugable external storage framework. (Core code done)
- New Feature: HAWQ Core supports HDFS TDE (Transparent Data Encryption) through libHdfs3. (Done)
- Licenses: Fix PXF license files located in PXF jar files. (Done)
- Licenses: Check Apache HAWQ mandatory libraries to match LC20, LC30 license criteria. (Done)
- Bug fixes. (Done)

Release Note

<https://issues.apache.org/jira/secure/ReleaseNote.jspa?version=12340262&styleName=Html&projectId=12318826>

Release Type

Source release and binary release.

Binary tar balls: HAWQ core, PXF.

Source tar ball: All-in-one tar ball including HAWQ core, PXF, and Ranger.

Timeline

- 8th Feb. 2018 : branch cut
- 20th Feb. 2018 : vote for release RC1
- 27th Feb. 2018 : vote for release RC2
- 18th Mar. 2018 : release

Release Version

Apache HAWQ 2.3.0.0-incubating

Apache HAWQ JIRA Release DashBoard

[Apache HAWQ 2.3.0.0-incubating Release Dashboard](#)

What's fixed in the release

Key	Summary	T	Created	Updated	Due	Assignee	Reporter	P	Status	Resolution
HAWQ-1675	Hawq init failed	✓	Dec 28, 2018	Dec 30, 2018		Radar Da Lei	ercengsha	⚡	CLOSED	Fixed
HAWQ-1657	URGENT: Broken download links	⬮	Sep 05, 2018	Feb 26, 2019		Radar Da Lei	Sebb	⊖	CLOSED	Fixed
HAWQ-1638	Issues with website	⬮	Jul 06, 2018	Jul 13, 2018		Radar Da Lei	Sebb	⚡	RESOLVED	Fixed
HAWQ-1607	Implement Applying Bloom filter During Scan outer table	🔧	Apr 12, 2018	May 09, 2018		Wen Lin	Wen Lin	⚡	RESOLVED	Fixed
HAWQ-1596	Please delete old releases from mirroring system	✓	Mar 14, 2018	Mar 19, 2018		Yi Jin	Sebb	⚡	CLOSED	Fixed
HAWQ-1595	Please use HTTPS for KEYS, sigs and hashes	✓	Mar 14, 2018	Mar 19, 2018		Yi Jin	Sebb	⚡	RESOLVED	Fixed
HAWQ-1590	hawq version in build. properties for hawq-ambari-plugin need to be bumped to 2.3 for Apache HAWQ 2.3.0.0-incubating Release	⬮	Feb 21, 2018	Feb 21, 2018		Ruilong Huo	Ruilong Huo	⚡	CLOSED	Fixed
HAWQ-1589	hawq version in pom.xml need to be bumped to 2.3 for Apache HAWQ 2.3.0.0-incubating Release	⬮	Feb 20, 2018	Feb 21, 2018		Ruilong Huo	Ruilong Huo	⚡	CLOSED	Fixed
HAWQ-1587	Metadata not being handled correctly with PXF parameter isolation	⬮	Feb 10, 2018	Apr 30, 2018		Shivram Mani	Shivram Mani	⚡	RESOLVED	Fixed
HAWQ-1586	Update version from 2.2.0.0 to 2.3.0.0	✓	Feb 08, 2018	Feb 27, 2018		Yi Jin	Yi Jin	⚡	CLOSED	Fixed
HAWQ-1585	Javadoc generation errors for PXF on Java 7	⬮	Feb 07, 2018	Jan 24, 2019		Ed Espino	Oleksandr Diachenko	⚡	RESOLVED	Fixed
HAWQ-1584	Propagate any errors when closing stream for PXF writable tables	⬆	Jan 31, 2018	Feb 07, 2018		Lav Jain	Lav Jain	⚡	RESOLVED	Fixed
HAWQ-1582	hawq ssh cmd bug when pipe in cmd	⬮	Jan 24, 2018	Jan 30, 2018		Radar Da Lei	Yang Sen	⚡	CLOSED	Fixed
HAWQ-1581	Separate PXF system parameters from user configurable visible parameters	⬮	Jan 24, 2018	May 10, 2018		Shivram Mani	Shivram Mani	⚡	RESOLVED	Fixed
HAWQ-1580	Change PXF Port to 5888 for GPDB environments	⬆	Jan 18, 2018	Jan 31, 2018		Lav Jain	Lav Jain	⚡	RESOLVED	Fixed
HAWQ-1579	x When you enable pxf DEBUG logging you might get annoying exceptions	⬮	Jan 15, 2018	Jun 09, 2018		Shivram Mani	Dmitriy Dorofeev	⚡	RESOLVED	Fixed
HAWQ-1578	Regression Test (Feature->Ranger)Failed because pxfwritable_import_beginsc an function was not found	⬮	Jan 03, 2018	Apr 09, 2018		Wan Chiyang	WANG Weinan	⚡	RESOLVED	Fixed
HAWQ-1575	Implement readable Parquet profile	+	Dec 29, 2017	Feb 06, 2018		Ed Espino	Oleksandr Diachenko	⚡	RESOLVED	Fixed
HAWQ-1572	Travis CI build failure on master. Thrift/boost incompatibility	⬮	Dec 15, 2017	Apr 09, 2018		Shubham Sharma	Shubham Sharma	⚡	RESOLVED	Fixed
HAWQ-1566	Include Pluggable Storage Format Framework in External Table Insert	🔧	Dec 05, 2017	Jun 25, 2018		Wan Chiyang	Wan Chiyang	⚡	RESOLVED	Fixed

Showing 20 out of 121 issues

Process

- ✔ Collect feedback and requirements from community on the scope of release.
- ✔ Create Apache HAWQ-2.3.0.0-incubating release management page
- ✔ Create JIRA filter "HAWQ-2.3.0.0-incubating" and "HAWQ-2.3.0.0-incubating-fixed"
- ✔ Clean up all issues covered in HAWQ-2.3.0.0-incubating with fixing version 2.3.0.0
- ✔ Create Apache HAWQ-2.3.0.0-incubating release dash board
- ✔ Start release process
- ✔ Cut branch
- ✔ Send RC1 to DEV for voting
- ✔ Fix RC1 issues
- ✔ Send RC2 to DEV for voting
- ✔ Send RC2 to incubator PMC for voting
- ✔ Update websites for new release
- ✔ Announce release