

Hadoop 2.8 Release

Release schedule

It has been over 1 year since last minor release 2.7.0, so we plan to release Hadoop 2.8.0 as soon as we can.

Per discussions on community threads, we will release current 2.8 branch rather than cutting off a new one from branch-2. The left patches on branch-2 will move to next minor release (2.9) by default.

Release Number	Release Date (Planned)	Release Status
2.8.0 (unstable)	Mar. 22 2017	RELEASED
2.8.1 (unstable)	June. 2017	RELEASED
2.8.2 (stable)	Oct. 2017	RELEASED
2.8.3 (stable)	TDB	Not Started

Status (for on-going release)

Blocker/Critical (2.8.2):

JIRA Number	Priority	Assignee	Status	Description
HADOOP-14207	Blocker	Surendra Singh Lilhore	DONE	"dfsadmin -refreshCallQueue" command is failing with DecayRpcScheduler
YARN-4006	Blocker		MOVED	YARN ATS Alternate Kerberos HTTP Authentication Changes
HDFS-11609	Blocker	Kihwal Lee	DONE	Some blocks can be permanently lost if nodes are decommissioned while dead
YARN-6102	Critical	Ajith S	MOVED	On failover RM can crash due to unregistered event to AsyncDispatcher
YARN-2919	Critical	Naganarasimha G R	MOVED	Potential race between renew and cancel in DelegationTokenRenwer
YARN-6091	Critical	Eric Badger	MOVED	the AppMaster register failed when use Docker on LinuxContainer
HADOOP-14024	Critical	John Zhuge	DONE	KMS JMX endpoint throws ClassNotFoundException
MAPREDUCE-6654	Critical	Junping Du	MOVED	Possible NPE in JobHistoryEventHandler#handleEvent
HDFS-7967	Critical	Daryn Sharp	MOVED	Reduce the performance impact of the balancer
YARN-3760	Critical	Haibo Chen	DONE	FSDataOutputStream leak in AggregatedLogFormat.LogWriter.close()
HADOOP-9747	Critical	Daryn Sharp	MOVED	Reduce unnecessary UGI synchronization
HDFS-11472	Critical	Wei-Chiu Chuang	DONE	Fix inconsistent replica size after a data pipeline failure
HADOOP-14270	Critical	Junping Du	DONE	HADOOP 2.8 Release tar ball size should be smaller
HDFS-11608	Critical	Xiaobing Zhou	DONE	HDFS write crashed in the case of huge block size
YARN-6288	Critical	Akira Ajsaka	DONE	Exceptions during aggregated log writes are mishandled
YARN-7246	Blocker	Shane Kumpf	DONE	Fix the default docker binary path
YARN-7230	Blocker	Shane Kumpf	DONE	Document DockerContainerRuntime for branch-2.8 with proper scope and claim as an experimental feature
YARN-7443	Critical	Jason Lowe	DONE	container-executor fails to remove entries from a directory that is not writable or executable
HADOOP-14958	Blocker	Junping Du	DONE	Fix source-level compatibility after HADOOP-11252

For details, please refer: <https://s.apache.org/JM5x>

TODOs before ongoing RC

TODO item	Status
All blockers target for 2.8.2 are landed.	DONE
All JIRAs with fixVersion in (2.8.0, 2.8.1, 2.8.2, 2.8.3) get landed in branch-2.8	DONE
All blocker/critical JIRAs with fixVersion 2.7.4 have fix version of 2.8.2	DONE
All blocker/critical JIRAs with fixVersion of 2.7.4 get landed in branch-2.8	DONE

Release Scope (for on-going release)

Number of Patches

Project	Number of Patches Since 2.8.1
COMMON	91
HDFS	99
MAPREDUCE	20
YARN	105
TOTAL	315

Finished Releases

Hadoop 2.8.0

