

ZooKeeper 3.2.1 Release Notes

by

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These release notes include new developer and user facing incompatibilities, features, and major improvements.

Note that there is a user visible semantic change to an existing API in the 3.2.0 release: [ZOOKEEPER-444](#) "perms definition for PERMS_ALL differ in C and java", a bug fix which required a change to the JAVA definition of ALL to include ADMIN.

See [3.0 release notes and migration instructions](#) if you are upgrading from version 2 of ZooKeeper (SourceForge) to version 3 or later.

1. Changes Since ZooKeeper 3.2.0

Issue	Notes
Bug	
ZOOKEEPER-238	HostAuthenticationProvider should be removed
ZOOKEEPER-457	Make ZookeeperMain public, support for HBase (and other) embedded clients
ZOOKEEPER-460	bad testRetry in cppunit tests (hudson failure)
ZOOKEEPER-466	crash on zookeeper_close() when using auth with empty cert
ZOOKEEPER-467	Change log level in BookieHandle
ZOOKEEPER-468	avoid compile warning in send_auth_info()
ZOOKEEPER-469	make sure CPPUNIT_CFLAGS isn't overwritten
ZOOKEEPER-470	include unistd.h for sleep() in c tests
ZOOKEEPER-475	FLENewEpochTest failed on nightly builds.
ZOOKEEPER-477	zkCleanup.sh is flaky
ZOOKEEPER-479	QuorumHierarchical does not count groups correctly
ZOOKEEPER-480	FLE should perform leader check when node is not leading and add vote of follower
ZOOKEEPER-481	Add lastMessageSent to QuorumCnxManager
ZOOKEEPER-482	ignore sigpipe in testRetry to avoid silent immediate failure
ZOOKEEPER-483	ZK fataled on me, and ugly

ZOOKEEPER-484	Clients get SESSION MOVED exception when switching from follower to a leader.
ZOOKEEPER-487	setdata on root (/) crashes the servers.
ZOOKEEPER-490	the java docs for session creation are misleading/incomplete
ZOOKEEPER-493	patch for command line setquota
ZOOKEEPER-498	Unending Leader Elections : WAN configuration
ZOOKEEPER-499	electionAlg should default to FLE (3) - regression
ZOOKEEPER-501	CnxManagerTest failed on hudson
ZOOKEEPER-508	proposals and commits for DIFF and Truncate messages from the leader to followers is buggy.
ZOOKEEPER-509	Truncating of logs does not work right at the followers.
ZOOKEEPER-514	test failure on trunk in testCnxManager - NPE
ZOOKEEPER-518	DEBUG message for outstanding proposals in leader should be moved to trace.
ZOOKEEPER-491	Prevent zero-weight servers from being elected
Improvement	
ZOOKEEPER-311	handle small path lengths in zoo_create()
ZOOKEEPER-447	zkServer.sh doesn't allow different config files to be specified on the command line
ZOOKEEPER-471	update zkperl for 3.2.x branch

Table 1: Changes Since ZooKeeper 3.2.0