ZooKeeper 3.3.4 Release Notes

by

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

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 3.3.3

Issue	Notes
Bug	
[ZOOKEEPER-961]	Watch recovery after disconnection when connection string contains a prefix
[ZOOKEEPER-1006]	QuorumPeer "Address already in use" -- regression in 3.3.3
[ZOOKEEPER-1046]	Creating a new sequential node results in a ZNODEEXISTS error
[ZOOKEEPER-1049]	Session expire/close flooding renders heartbeats to delay significantly
[ZOOKEEPER-1069]	Calling shutdown() on a QuorumPeer too quickly can lead to a corrupt log
[ZOOKEEPER-1087]	ForceSync VM arguement not working when set to "no"
[ZOOKEEPER-1097]	Quota is not correctly rehydrated on snapshot reload
[ZOOKEEPER-1117]	zookeeper 3.3.3 fails to build with gcc >= 4.6.1 on Debian/Ubuntu
[ZOOKEEPER-1154]	Data inconsistency when the node(s) with the highest zxid is not present at the time of leader election
[ZOOKEEPER-1156]	Log truncation truncating log too much - can cause data loss
[ZOOKEEPER-1174]	FD leak when network unreachable
[ZOOKEEPER-1189]	For an invalid snapshot file(less than 10bytes size) RandomAccessFile stream is leaking.
[ZOOKEEPER-1203]	Zookeeper systest is missing Junit Classes
[ZOOKEEPER-1206]	Sequential node creation does not use always use digits in node name given certain Locales.

Issue	Notes
[ZOOKEEPER-1208]	Ephemeral node not removed after the client session is long gone
[ZOOKEEPER-1212]	zkServer.sh stop action is not conformat with LSB para 20.2 Init Script Actions
[ZOOKEEPER-1264]	FollowerResyncConcurrencyTest failing intermittently
[ZOOKEEPER-1271]	testEarlyLeaderAbandonment failing on solaris - clients not retrying connection
[ZOOKEEPER-1283]	building 3.3 branch fails with Ant 1.8.2 (success with 1.7.1 though)
Improvement	
[ZOOKEEPER-1103]	In QuorumTest, use the same "for (.. try { break } catch { })" pattern in testFollowersStartAfterLeaders as in testSessionMove.
[ZOOKEEPER-1239]	add logging/stats to identify fsync stalls
[ZOOKEEPER-1301]	backport patches related to the zk startup script from 3.4 to 3.3 release
New Feature	

Table 1: Changes Since ZooKeeper 3.3.3