

Release-2.6.1-Working-Notes

Ordered list of commits to cherrypick

SHA1	JIRA	Status	New patch on JIRA	Applies cleanly
5f3d967aaefa0b20ef1586b4048b8fa5345d2618	HDFS-7278. Add a command that allows sysadmins to manually trigger full block reports from			ADDED as a dependency. Minor issues. TODO: Feature
946463efefec9031cacb21d5a5367acd150ef904	HDFS-7213. processIncrementalBlockReport performance degradation. Contributed by Eric Payn			yes
842a54a5f66e76eb79321b66cc3b8820fe66c5cd	HDFS-7235. DataNode #transferBlock should report blocks that don't exist using reportBadBlo			yes
8bfef590295372a48bd447b1462048008810ee17	HDFS-7263. Snapshot read can reveal future bytes for appended files. Contributed by Tao Lu			yes
ec2621e907742a0d0264c5f533783f0f18565880	HDFS-7035. Make adding a new data directory to the DataNode an atomic operation and improv			minor issues
9e63cb4492896ffb78c84e27f263a61ca12148c8	HADOOP-10786. Fix UGI#reloginFromKeytab on Java 8.			remove; already committed
beb184ac580b0d89351a3f3a7201da34a26db1c1	YARN-2856. Fixed RMAppImpl to handle ATTEMPT_KILLED event at ACCEPTED state on app recover	Applied locally		Yes
ad140d1fc831735fb9335e27b38d2fc040847af1	YARN-2816. NM fail to start with NPE during container recovery. Contributed by Zhihai Xu (Applied locally		Yes
242fd0e39ad1c5d51719cd0f6c197166066e3288	YARN-2414. RM web UI: app page will crash if app is failed before any attempt has been cre	Applied locally		Yes
2e15754a92c6589308ccbb646166353cc2f2456	HDFS-7225. Remove stale block invalidation work when DN re-registers with different UUID.		yes	
db31ef7e7f55436bbf88cd93e2273c4463ca9f0	YARN-2865. Fixed RM to always create a new RMContext when transions from StandBy to Activ	Applied locally		Yes
8d8eb8dcec94e92d94eedef883cdece8ba333087	HDFS-7425. NameNode block deletion logging uses incorrect appender. Contributed by Chris N			remove; already committed
946df98dce18975e37a6a14744ca7a5429f019ce	HDFS-4882. Prevent the Namenode's LeaseManager from looping forever in checkLeases (Ravi P			remove; already committed
ae35b0e14d3438237f4b5d3b5d5268d45e459846	YARN-2906. CapacitySchedulerPage shows HTML tags for a queue's Active Users. Contributed b	Applied locally		Yes
f6d1bf5ed1cf647d82e676df15587de42b1faa42	HADOOP-11333. Fix deadlock in DomainSocketWatcher when the notification pipe is full (zhao			remove; already committed
38ea1419f60d2b8176dba4931748f1f0e52ca84e	YARN-2905. AggregatedLogsBlock page can infinitely loop if the aggregated log file is corr	Applied locally		Yes
d21ef79707a0f32939d9a5af4fed2d9f5fe6f2ec	YARN-2890. MiniYARNCluster should start the timeline server based on the configuration. Co	Applied locally		Yes
06552a15d5172a2b0ad3d61aa7f9a849857385aa	HDFS-7446. HDFS inotify should have the ability to determine what txid it has read up to (minor issues. TODO: Is this incompatible
d6f3d4893d750f19dd8c539fe28eecfab2a54576	YARN-2894. Fixed a bug regarding application view acl when RM fails over. Contributed by R	Applied locally		No, minor import issues
25be97808b99148412c0efd4d87fc750db4d6607	YARN-2874. Dead lock in DelegationTokenRenewer which blocks RM to execute any further apps	Applied locally		Yes
dabdd2d746d1e1194c124c5c7fe73fcc025e78d2	HADOOP-11343. Overflow is not properly handled in caculating final iv for AES CTR. Contri	Applied locally		Yes
deaa172e7a2ab09656cc9eb431a3e68a73e0bd96	HADOOP-11368. Fix SSLFactory truststore reloader thread leak in KMSCClientProvider. Contrib	Applied locally		Yes
a037d6030b5ae9422fdb265f5e4880d515be9e37	HDFS-7489. Incorrect locking in FsVolumeList #checkDirs can hang datanodes (Noah Lorang via			remove; already committed
1986ea8dd223267ced3e3aef69980b46e2ef740	YARN-2910. FSLeafQueue can throw ConcurrentModificationException . (Wilfred Spiegelenburg v	Applied locally		Yes

e4f9ddfdbcdab1eac568e8689448ffc10bbc2aa	HDFS-7503. Namenode restart after large deletions can cause slow processReport (Arpit Agar)			remove; already committed
41f0d20fcb4fec5b932b8947a44f93345205222c	YARN-2917. Fixed potential deadlock when system.exit is called in AsyncDispatcher . Contrib	Applied locally		Yes
b521d91c0f5b6d114630b6727f6a01db56dba4f1	HADOOP-11238. Update the NameNode 's Group Cache in the background when possible (Chris Li)	Applied locally		Yes
7c7bccfc31ede6f4afc043d81c8204046148c02e	MAPREDUCE-6166. Reducers do not validate checksum of map outputs when fetching directly to	Applied locally		Yes
2d832ad2eb87e0ce7c50899c54d05f612666518a	YARN-2964. FSLeafQueue#assignContainer - document the reason for using both write and read	Applied locally		Yes
dda1fc169db2e69964cca746be4ff8965eb8b56f	HDFS-7531. Improve the concurrent access on FsVolumeList (Lei Xu via Colin P. McCabe) (che)			minor issues
173664d70f0ed3b1852b6703d32e796778fb1c78	YARN-2964. RM prematurely cancels tokens for jobs that submit jobs (oozie). Contributed by	Applied locally		Yes
bcacf15e2fa94db929b8cd11ed7c07085161b1950	HDFS-7443. Datanode upgrade to BLOCKID_BASED_LAYOUT fails if duplicate block files are pre			remove; already committed
89ef49fb0814baea3640798df6ed2ae3a550896	YARN-1984. LeveldbTimelineStore does not handle db exceptions properly. Contributed by Varun Saxena	Applied locally		Yes. ADDED as dep for YARN-2952
9180d11b3bb2a49127d5d25f53b38c5113bf7ea	YARN-2952. Fixed incorrect version check in StateStore . Contributed by Rohith Sharmaks (ch)	Applied locally		Yes
8b398a66ca3728f47363fc8b2fc7fe556e6bbf5a	YARN-2340. Fixed NPE when queue is stopped during RM restart. Contributed by Rohith Sharma	Applied locally		Yes
ca0349b87ab1b2d0d2b9dc93de7806d26713165c	YARN-2992. ZKRMStateStore crashes due to session expiry. Contributed by Karthik Kambatla (Applied locally		Yes
c116743bdda2b1792bf872020a5e2b14d772ac60	YARN-2922. ConcurrentModificationException in CapacityScheduler's LeafQueue . Contributed b	Applied locally		Yes
e7e6173049adca2a2ae0e1231adca168bec27	YARN-2997. Fixed NodeStatusUpdater to not send already-sent completed container statuses on	Applied locally		Yes
f0acb7c2a284db61640efee15a1648c6c26d24f5	HDFS-7579. Improve log reporting during block report rpc failure. Contributed by Charles L			yes
4b589e7cfa27bd042e228bbbcf1c3b75b2aaa57	HDFS-7182. JMX metrics aren't accessible when NN is busy. Contributed by Ming Ma.			minor issues
75e4e55e12b2faa521af7c23fddcb06a9ce661d	HDFS-7596. NameNode should prune dead storages from storageMap. Contributed by Arpit Agarw			yes
33534a0c9aef5024aa6f340e7ee24930c8fa8ed5	HDFS-7533. Datanode sometimes does not shutdown on receiving upgrade shutdown command. Con			yes
2e4df8710435c8362506fe944a935e74ad5919c0	HADOOP-11350. The size of header buffer of HttpServer is too small when HTTPS is enabled.	Applied locally		Yes
7779f38e68ca4e0f7ac08eb7e5f4801b89979d02	HDFS-7610. Fix removal of dynamically added DN volumes (Lei (Eddy) Xu via Colin P. McCabe)			ADDED as a dependency. minor issues
1d9d166c0beb56aa45e65f779044905acff25d88	HDFS-7575. Upgrade should generate a unique storage ID for each volume. (Contributed by Ar			yes
7b69719455a1a374c9417417ef0c8d7ba6bf593f	HADOOP-11482. Use correct UGI when KMSClientProvider is called by a proxy user. Contribute	Applied locally		Yes
24f0d56afb853a3719f05c4569d82d09d89cf13e	HDFS-7676. Fix TestFileTruncate to avoid bug of HDFS-7611. Contributed by Konstantin Shvac			remove; does not apply to 2.6, as we are dropping HDFS-7611 itself
8100c8a68c32978a177af9a3e6639f6de533886d	YARN-3011. Possible IllegalArgumentException in ResourceLocalizationService might lead NM	Applied locally		No, merge conflict in ResourceLocalizationService
12522fd9cbd8da8c040a5b7bb71fcd0aa256daf89	YARN-3103. AMRMClientImpl does not update AMRM token properly. Contributed by Jason Lowe (Applied locally		Yes
e8300957a75353849219d616cfca08b08c182db2	HDFS-7611. deleteSnapshot and delete of a file can leave orphaned blocks in the blocksMap			remove; dropped from 2.6.1. Highly problematic patch. It depends on HDFS-7573, which in turn depends on HDFS-7438 and possibly others. The latter 2 JIRAs are part of HDFS-7416, a much larger effort. Workaround: Leave safe mode manually and Delete the orphaned files.

43b3b43cea1f620ce66521bcc1c4b6aec264aa9a	MAPREDUCE-6230. Fixed RMContainerAllocator to update the new AMRMTOKEN service name properly	Applied locally		Yes
c428d303f67bef3a7df12153947c6b0199a0938b	HDFS-7707. Edit log corruption due to delayed block removal again. Contributed by Yongjun			yes
5807afed0a4f08b6b2acd88f424bace506e03707	HDFS-7733. NFS: readdir/readdirplus return null directory attribute on failure. (Contribute)			remove; already committed
3d36d4737c160d7dc8829e9dd6b801ef6726c0c0	HADOOP-11506. Configuration variable expansion regex expensive for long values. (Gera Sheg	Applied locally		Yes
b1aad1d941c5855e5dd5f5e819e9218d8fc266ee	MAPREDUCE-6237. Multiple mappers with DBInputFormat don't work because of reusing connectio	Applied locally		Yes
61466809552f96a83aa19446d4d59cecd0d2cad5	YARN-3094. Reset timer for liveness monitors after RM recovery. Contributed by Jun Gong (c	Applied locally		Yes
a1bf7aecf7d018c5305fa3bd7a9e3ef9af3155c1	HDFS-7714. Simultaneous restart of HA NameNodes and DataNode can cause DataNode to registe			yes
fd75b8c9cadd069673afc80a0fc5661d779897bd	YARN-2246. Made the proxy tracking URL always be http(s)://proxy addr:port/proxy /<appld> t	Applied locally		Yes
ba18adbb27c37a8fa92223a412ce65eaa462d18b	YARN-3207. Secondary filter matches entities which do not have the key being filtered for.	Applied locally		Yes
6c01e586198a3c3ebaa7561778c124ae62553246	HADOOP-11295. RPC Server Reader thread can't shutdown if RPCCallQueue is full. Contributed	Applied locally	Yes	No
b915f792fc3e008e4f3029f8feef6acb52eb76f	HDFS-7788. Post-2.6 namenode may not start up with an image containing inodes created with		yes	used the 2.6 patch
187e081d5a8afe1ddf5d7b5e7de7a94512aa53e	HADOOP-11604. Prevent ConcurrentModificationException while closing domain sockets during	Applied locally		Yes
feFeba4ac8bed44ce2dd0d3c4f0a99953ff8d4df	YARN-3238. Connection timeouts to nodemanagers are retried at multiple levels. Contributed	Applied locally		Yes
657a6e389b3f6eae43efb11deb6253c3b1255a51	HDFS-7009. Active NN and standby NN have different live nodes. Contributed by Ming Ma. (c			minor issues
8346427929d2b6f2fd3fa228d77f3cf596ef0306	HDFS-7831. Fix the starting index and end condition of the loop in FileDiffList.findEarlie			remove; does not apply to 2.6, vinodkv: Sangjin, why?
efb7e287f45c6502f293456034a37d9209a917be	HDFS-7763. fix zkfc hung issue due to not catching exception in a corner case. Contributed			yes
257087417e424e628f090b6b648ccb3b9c880250	YARN-3239. WebAppProxy does not support a final tracking url which has query fragments and	Applied locally		No, minor merge conflicts in WebAppProxyServlet.java. Removed ProxyUtils usage in test-case.
12fe3afcd3ea224909bd125f5c6a7410bf2601b0	HDFS-7843. A truncated file is corrupted after rollback from a rolling upgrade.			remove; does not apply to 2.6, vinodkv: Sangjin, why?
6090f51725e2b44d794433cd72a1901fae2ba7e3	HDFS-7871. NameNodeEditLogRoller can keep printing 'Swallowing exception' message. Contrib			yes
888a44563819ba910dc3cc10d10ee0fb8f05db61	YARN-3222. Fixed NPE on RMNodeImpl#ReconnectNodeTransition when a node is reconnected with	Applied locally		Yes
721d7b574126c4070322f70ec5b49a7b8558a4c7	YARN-3231. FairScheduler: Changing queueMaxRunningApps interferes with pending jobs. (Siqu	Applied locally		Yes
0d62e948877e5d50f1b6f8e735a94ac6da5ff472	YARN-3242. Asynchrony in ZK-close can lead to ZKRMStateStore watcher receiving events for	Applied locally		Yes
b569c3ab1cb7e328dde82f6b2405d24b9560e3a	HADOOP-11674. oneByteBuffer in CryptoInputStream and CryptoOutputStream should be non static.	Applied locally		Yes
a1963968d2a9589fcefab0d63feeb68c07f4d06	YARN-3230. Clarify application states on the web UI. (Jian He via wangda)	Applied locally	yes	ADDED. Dependency for YARN-1809.
6660c2f83b855535217582326746dc76d53fdf61	YARN-3249. Add a 'kill application' button to Resource Manager's Web UI. Contributed by Ryu Kobayashi.	Applied locally	yes	ADDED. Dependency for YARN-1809. TODO: Feature
a5f3fb4dc14503bf7c454a48cf954fb0d6710de2	YARN-1809. Synchronize RM and TimeLineServer Web-UIs. Contributed by Zhijie Shen and Xuan	Applied locally	No, merge conflicts in 5 files. Pulled in YARN-3230 as a dependency.	

994dadb9ba0a3b87b6548e6e0801eadd26554d55	HDFS-7885. Datanode should not trust the generation stamp provided by client. Contributed			yes	
56c2050ab7c04e9741bcb9504b71e5a54d09eea	YARN-3227. Timeline renew delegation token fails when RM user's TGT is expired. Contribute	Applied locally		Yes	
a94d23762e2cf4211fe84661eb67504c7072db49	YARN-3287. Made TimelineClient put methods do as the correct login context. Contributed by	Applied locally		No, one conflict in TimelineClientImpl.java	
eefca23e8c5e474de1e25bf2ec8a5b266bbe8cfe	HDFS-7830. DataNode does not release the volume lock when adding a volume fails. (Lei Xu v			non-trivial changes	
813c93cb250d6d556604fe98845b979970bd5e18	HADOOP-11710. Make CryptoOutputStream behave like DFSOutputStream wrt synchronization. (Se	Applied locally		Yes	
44aadad5ddc8069a6dba3eaf66ed54d612b21208	YARN-3267. Timelineserver applies the ACL rules after applying the limit on the number of	Applied locally	No, one conflict in LevelDbTimelineStore.java		
af80a98ace50934284d4e17efc802bb094c8b4e	HDFS-7926. NameNode implementation of ClientProtocol.truncate(..) is not idempotent. Contr			remove; does not apply to 2.6, truncate is a 2.7 feature	
5a5b2446485531f12d37f3d4ca791672b9921872	HDFS-7587. Edit log corruption can happen if append fails with a quota violation. Contribu		yes	used the 2.6 patch	
219eb22c1571f76df32967a930049d983cbf5024	HDFS-7929. inotify unable fetch pre-upgrade edit log segments once upgrade starts (Zhe Zha			non-trivial changes	
90164ffdd84f6ef56e9f8f9dccc7424a8d115dbae	HDFS-7930. commitBlockSynchronization() does not remove locations. (yliu)		yes	used the 2.6 patch	
8e142d27cbddfa1a1c83c5f8752bd14ac0a13612	YARN-3369. Missing NullPointer check in AppSchedulingInfo causes RM to die. (Brahma Reddy	Applied locally		Yes	
cbdcdfad6de81e17fb586bc2a53b37da43defd79	YARN-3393. Getting application(s) goes wrong when app finishes before starting the attempt	Applied locally		Yes. But did a removal of occurrence of Java 7 catch(a	b)
fe693b72dec703ebf4ab3919d61d06ea8735a9e	HDFS-7884. Fix NullPointerException in BlockSender when the generation stamp provided by t			yes	
2f46ee50bd4efc82ba3d30bd36f7637ea9d9714e	HDFS-7960. The full block report should prune zombie storages even if they're not empty. C			non-trivial changes	
c4cedfc1d601127430c70ca8ca4d4e2ee2d1003d	HDFS-7742. Favoring decommissioning node for replication can cause a block to stay underre			yes	
cacadea632f7ab6fe4fdb1432e1a2c48e8ebd55f	MAPREDUCE-6303. Read timeout when retrying a fetch error can be fatal to a reducer. Contr	Applied locally		Yes	
a827089905524e10638c783ba908a895d621911d	HDFS-7999. FsDatasetImpl#createTemporary sometimes holds the FsDatasetImpl lock for a very			non-trivial changes	
f0324738c9db4f45d2b1ec5cfb46c5f2b7669571	HDFS-8072. Reserved RBW space is not released if client terminates while writing block. (A			non-trivial changes (ExternalReplicaInPipeline.java doesn't exist in 2.6)	
7e622076d41a85fc9a8600fb270564a085f5cd83	HDFS-8046. Allow better control of getContentSummary . Contributed by Kihwal Lee. (cherry p			non-trivial changes (FsDirStatAndListingOp.java doesn't exist in 2.6)	
1ff3fd33ed6f2ac09c774cc42b0107c5dbd9c19d	YARN-3055. Fixed ResourceManager's DelegationTokenRenewer to not stop token renewal of app	Applied locally		No, merge conflict in TestDelegationTokenRenewer.java . Also removed Java 7 diamond operator	
3de0bf9a35094f3c2ac216992d861729251b6a3d	MAPREDUCE-6300. Task list sort by task id broken. Contributed by Siqi Li. (cherry picked	Applied locally		Yes	
38b031d6bab8527698bd186887d301bd6a6a3cf01	HDFS-8127. NameNode Failover during HA upgrade can cause DataNode to finalize upgrade. Con			minor issues	
e7cbeccdc3e7ca5386c71aa4deb67f133611415c	YARN-3493. RM fails to come up with error "Failed to load/recover state" when mem settings	Applied locally		No, merge conflict in RMAppManager.java , SchedulerUtils.java , TestSchedulerUtils.java	
3316cd4357ff6cc4c76584813092adb1c2b4d43	YARN-3487. CapacityScheduler scheduler lock obtained unnecessarily when calling getQueue (Applied locally		Yes	
f4d6c5e337e76dc408c9c8f19e306c3f4ba80d8e	MAPREDUCE-6267. Refactor JobSubmitter #copyAndConfigureFiles into it's own class. (Chris Trezzo via kasha)	Applied locally	ADDED as a dependency for MAPREDUCE-6238. Two conflicts in Job.java and JobSubmitter.java		
756c2542930756fef1cbff82056b418070f8d55f	MAPREDUCE-6238. MR2 can't run local jobs with -libjars command options which is a regressi	Applied locally	Yes, added MAPREDUCE-6267 as a dependency		

1544c63602089b690e850e0e30af4589513a2371	HADOOP-11812. Implement listLocatedStatus for ViewFileSystem to speed up split calculation	Applied locally		Yes
a6a5d1d6b5ee76c829ba7b54a4ad619f7b986681	HADOOP-11730. Regression: s3n read failure recovery broken. (Takenori Sato via stevel)	Applied locally		Yes
788b76761d5dfa6f88406d50169e95401fe5d33	HADOOP-11802. DomainSocketWatcher thread terminates sometimes after there is an I/O error	Included	Yes	Included with the dependencies. We will need to commit HDFS-7915 first. If we commit HDFS-7915, we need to commit HDFS-8070 as well.
a7696b3fbfacd98a892bbb3678663658c7b9d2bd	YARN-3024. LocalizerRunner should give DUE action when all resources are localized. Contributed by Chengbing Liu	Applied locally	ADDED as a dependency for YARN-3464. Merge conflict	
4045c41afe440b773d006e962bf8a5eae3fcd284	YARN-3464. Race condition in LocalizerRunner kills localizer before localizing all resources	Applied locally		No, merge conflict in 3 files
32dc13d907a416049bdb7deff429725bd6dcb49	MAPREDUCE-6324. Fixed MapReduce uber jobs to not fail the update of AM-RM tokens when they	Applied locally		Yes
58970d69de8a1662e4548cd6d4ca460dd70562f8	HADOOP-11491. HarFs incorrectly declared as requiring an authority. (Brahma Reddy Battula)	Applied locally		Yes
87c2d915f1cc799cb4020c945c04d3ecb82ee963	MAPREDUCE-5649. Reduce cannot use more than 2G memory for the final merge. Contributed by	Applied locally		Yes
e68e8b3b5cff85bf8dbb5b00b9033f63577856d6	HDFS-8219. setStoragePolicy with folder behavior is different after cluster restart. (sure)			minor issues
4e1f2eb3955a97a70cf127dc97ae49201a90f5e0	HDFS-7980. Incremental BlockReport will dramatically slow down namenode startup. Contributed by			non-trivial changes (dropped TestBlockManager.java changes)
d817fbb34d6e34991c6e512c20d71387750a98f4	YARN-2918. RM should not fail on startup if queue's configured labels do not exist in cluster			
802a5775f3522c57c60ae29ecb9533dbbfecfe76	HDFS-7894. Rolling upgrade readiness is not updated in jmx until query command is issued.			yes
f264a5aeede7e144af11f5357c7f901993de8e12	HDFS-8245. Standby namenode doesn't process DELETED_BLOCK if the addblock request is in ed			minor issues
fb5b0ebb459cc8812084090a7ce7ac29e2ad147c	MAPREDUCE-6361. NPE issue in shuffle caused by concurrent issue between copySucceeded() in	Applied locally		No, merge conflict in TestShuffleScheduler
a81ad814610936a02e55964f8e08f7b33fe29b23	YARN-3641. NodeManager : stopRecoveryStore() shouldn't be skipped when exceptions happen in	Applied locally		yes
802676e1be350785d8c0ad35f6676eeb85b2467b	YARN-3526. ApplicationMaster tracking URL is incorrectly redirected on a QJM cluster. Cont	Applied locally		yes
536b9ee6d6e5b8430fda23cbdcfd859c299fa8ad	HDFS-8404. Pending block replication can get stuck using older genstamp. Contributed by Na			minor issues
d3193fd1d7395bf3e7c8dfa70d1aec08b0f147e6	Move YARN-2918 from 2.8.0 to 2.7.1 (cherry picked from commit 03f897fd1a3779251023bae3582)	Applied locally		yes
3648cb57c9f018a3a339c26f5a0ca2779485521a	YARN-2766. ApplicationHistoryManager is expected to return a sorted list of apps /attempts/containers		Added as a dependency for YARN-3700	
839f81a6326b2f8b3d5183178382c1551b0bc259	YARN-3700. Made generic history service load a number of latest applications according to	Applied locally		No, merge conflicts in WebServices.java , AppsBlock.java . Had to rewrite the documentation in apt
25db34127811fbadb9a698fa3a76e24d426fb0f6	HDFS-8431. hdfs crypto class not found in Windows. Contributed by Anu Engineer. (cherry p			minor issues
33648268ce0f79bf51facafa3d151612e3d00ddb	HADOOP-11934. Use of JavaKeyStoreProvider in LdapGroupsMapping causes infinite loop. Contr	Skipped		Dropped. Cannot apply to branch-2.6 due to java.nio package.
17fb442a4c4e43105374c97fcd68dd966729a19	HDFS-7609. Avoid retry cache collision when Standby NameNode loading edits. Contributed by			non-trivial changes
4fee8b320276bac86278e1ae0a3397592a78aa18	YARN-2900. Application (Attempt and Container) Not Found in AHS results in Internal Server	Applied locally		No, minor import issues
a3734f67d35e714690ecd21d80bce8a355381e3	YARN-3725. App submission via REST API is broken in secure mode due to Timeline DT service			
17e369511dd18d6e25e10ddb0cd9511f7ec8f469	HDFS-8486. DN startup may cause severe data loss (Daryn Sharp via Colin P. McCabe) (cher			remove; already committed
066e45cbcb667bb0c37ef70fd297b24e4f26383eb	HDFS-8270. create() always retried with hardcoded timeout when file already exists with op	yes		used the 2.6 patch

752caa95a40d899e1bf98bc907e91aec2bb57073	YARN-3585. NodeManager cannot exit on SHUTDOWN event triggered and NM recovery is enabled.			
78d626fa892415023827e35ad549636e2a83275d	YARN-3733. Fix DominantRC#compare() does not work as expected if cluster resource is empty			
344b7509153cdd993218cd5104c7e5c07cd35d3c	Add missing test file of YARN-3733 (cherry picked from commit 405bbcf68c32d8f8a83e46e686			
80697e4f324948ec32b4cad3facbba55287be652	HADOOP-7139. Allow appending to existing SequenceFiles (Contributed by kanaka kumar avvaru			remove; already committed
cbd11681ce8a51d187d91748b67a708681e599de	HDFS-8480. Fix performance and timeout issues in HDFS-7929 by using hard-links to preserve			non-trivial changes (dropped TestDFSUpgrade.java changes)
15b1800b1289d239cbebc5cfd66cfe156d45a2d3	YARN-3832. Resource Localization fails on a cluster due to existing cache directories. Con	Applied locally		Yes
55427fb66c6d52ce98b4d68a29b592a734014c28	HADOOP-8151. Error handling in snappy decompressor throws invalid exceptions. Contributed	Applied locally		Yes
0221d19f4e398c386f4ca3990b0893562aa8dacf	YARN-3850. NM fails to read files from full disks which can lead to container logs being l	Applied locally		No, minor conflict in TestLogAggregation.java
516bbf1c20547dc513126df0d9f0934bb65c10c7	HDFS-7314. When the DFSClnt lease cannot be renewed, abort open-for-write files rather t			minor issues
c31e3ba92132f232bd56b257f3854ffe430fbab9	YARN-3990. AsyncDispatcher may overloaded with RMApNodeUpdateEvent when Node is connected	Applied locally		Yes
d2b941f94a835f7bdde7714d21a470b505aa582b	HDFS-8850. VolumeScanner thread exits with exception if there is no block pool to be scann			remove; does not apply to 2.6. vinodkv: Sangjin, why?
5950c1f6f8ac6f514f8d2e8bfbd1f71747b097de	HADOOP-11932. MetricsSinkAdapter may hang when being stopped. Contributed by Brahma Reddy	Applied locally	Yes	No, conflict in TestMetricsSystemImpl.