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Release 7.0.1 #10829

Merged oranagra merged 78 commits into [redis:7.0](#) from [oranagra:release-7.0.1](#) on Jun 8[Conversation 1](#) [Commits 78](#) [Checks 13](#) [Files changed 110](#)

oranagra commented on Jun 8

Contributor

Upgrade urgency: MODERATE, specifically if you're using a previous release of Redis 7.0, contains some behavior changes for new 7.0 features and important fixes for bugs in previous 7.0 releases.

Improvements

- Add warning for suspected slow system clocksource setting
Add `--check-system` command line option. ([Add warning for suspected slow system clocksource setting](#) #10636)
- Allow read-only scripts (`*_RO` commands, and ones with `no-writes` flag) during `CLIENT PAUSE WRITE` ([Expose script flags to processCommand for better handling](#) #10744)
- Add `readonly` flag in `COMMAND` command for `EVAL_RO`, `EVALSHA_RO` and `FCALL_RO` ([Add readonly flag to EVAL_RO, EVALSHA_RO and FCALL_RO](#) #10728)
- `redis-server` command line arguments now accept one string with spaces for multi-arg configs ([redis-server command line arguments support take one bulk string with spaces for MULTI_ARG configs parsing. And allow options value to use the -- prefix](#) #10660)

Potentially Breaking Changes

- Omitting a config option value in command line argument no longer works ([redis-server command line arguments support take one bulk string with spaces for MULTI_ARG configs parsing. And allow options value to use the -- prefix](#) #10660)
- Hide the `may_replicate` flag from the `COMMAND` command response ([Expose script flags to processCommand for better handling](#) #10744)

Potentially Breaking Changes for new Redis 7.0 features

- Protocol: Sharded pubsub publish emits `smessage` instead of `message` ([🔗 Sharded pubsub publish messagebulk as smessage #10792](#))
- CLUSTER SHARDS returns slots as RESP integers, not strings ([🔗 CLUSTER SHARDS should returns slots as integers, not strings #10683](#))
- Block PFCOUNT and PUBLISH in read-only scripts (`*_RO` commands, and no-writes) ([🔗 Expose script flags to processCommand for better handling #10744](#))
- Scripts that declare the `no-writes` flag are implicitly `allow-oom` too ([🔗 Scripts that declare the no-writes flag are implicitly allow-oom too. #10699](#))

Changes in CLI tools

- `redis-cli --bigkeys`, `--memkeys`, `--hotkeys`, `--scan`. Finish nicely after Ctrl+C ([🔗 Add SIGINT handler to redis-cli --bigkeys, --memkeys, --hotkeys, --scan #10736](#))

Platform / toolchain support related improvements

- Support tcp-keepalive config interval on MacOS ([🔗 support tcp-keepalive config interval on macOs #10667](#))
- Support RSS metrics on Haiku OS ([🔗 zmalloc_get_rss implementation for haiku. #10687](#))

INFO fields and introspection changes

- Add isolated network metrics for replication. ([🔗 Adds isolated netstats for replication. #10062](#), [🔗 Split instantaneous_repl_total_kbps #10810](#))

Module API changes

- Add two more new checks to `RM_Call` script mode ([🔗 Fix broken protocol in MISCONF error, RM_Yield bugs, RM_Call\(EVAL\) OOM check bug, and new RM_Call checks. #10786](#))
- Add new `RM_Call` flag to let Redis automatically refuse `deny-oom` commands ([🔗 Fix broken protocol in MISCONF error, RM_Yield bugs, RM_Call\(EVAL\) OOM check bug, and new RM_Call checks. #10786](#))
- Add module API `RM_MallocUsableSize` ([🔗 Add module API RM_MallocUsableSize #10795](#))
- Add missing `REDISMODULE_NOTIFY_NEW` ([🔗 update redismodule notify defines to be in sync with server #10688](#))
- Fix cursor type in `RedisModuleScanCursor` to handle more than 2^{31} elements ([🔗 Fix cursor type in RedisModuleScanCursor to handle more than \$2^{31}\$ elements #10698](#))
- Fix `RM_Yield` bugs and `RM_Call("EVAL")` OOM check bug ([🔗 Fix broken protocol in MISCONF error, RM_Yield bugs, RM_Call\(EVAL\) OOM check bug, and new RM_Call checks. #10786](#))

- Fix bugs in enum configs with overlapping bit flags ([🔗 Bug fixes for enum configs with overlapping bit flags \(module API\) #10661](#))

Bug Fixes

- FLUSHALL correctly resets rdb_changes_since_last_save INFO field ([🔗 FLUSHDB and FLUSHALL add call forceCommandPropagation / FLUSHALL reset dirty counter to 0 if we enable save #10691](#))
- FLUSHDB is now propagated to replicas / AOF, even if the db is empty ([🔗 FLUSHDB and FLUSHALL add call forceCommandPropagation / FLUSHALL reset dirty counter to 0 if we enable save #10691](#))
- Replica fail and retry the PSYNC if the master is unresponsive ([🔗 Replica fail and retry the PSYNC if the master is unresponsive #10726](#))
- Fix ZRANGESTORE crash when zset_max_listpack_entries is 0 ([🔗 Fix ZRANGESTORE crash when zset_max_listpack_entries is 0 #10767](#))

Fixes for issues in previous release candidates of Redis 7.0

- CONFIG REWRITE could cause a config change to be dropped for aliased configs ([🔗 rewrite alias config to original name #10811](#))
- CONFIG REWRITE would omit rename-command and include lines ([🔗 Fix bugs in CONFIG REWRITE, omitting rename-command and include lines, and inserting comments around module and acl configs #10761](#))




























NOTE: Affected users who used Redis 7.0.0 to rewrite their configuration file should review and fix the file.

- Fix broken protocol after MISCONF (persistence) error ([🔗 Fix broken protocol in MISCONF error, RM_Yield bugs, RM_Call\(EVAL\) OOM check bug, and new RM_Call checks. #10786](#))
- Fix --save command line regression ([🔗 Fix --save command line regression in redis 7.0 #10690](#))
- Fix possible regression around TLS config changes. re-load files even if the file name didn't change. ([🔗 Fix possible regression around TLS config changes. Add VOLATILE_CONFIG flag for volatile configurations. #10713](#))
- Re-add SENTINEL SLAVES command, missing in redis 7.0 ([🔗 re-add SENTINEL SLAVES command, missing in redis 7.0 #10723](#))
- BZMPOP gets unblocked by non-key args and returns them ([🔗 Fix BZMPOP gets unblocked by non-key args and returns them #10764](#))
- Fix possible memory leak in XADD and XTRIM ([🔗 Fix memory leak in streamGetEdgeID #10753](#))



hwware and others added 30 commits 7 months ago


- Update the comments of commands introduced or updated in redis 7.0 ([r...](#) ...) ✓ f36eac9
- Injects Hugo FrontMatter to module-api.md ([redis#10658](#)) ✓ 6c65345
-

	add comment to 'container' in 'quicklist.h' (redis#10656) ...	✓ 02080f2
	fix typo in 'setTypeRandomElement' (redis#10662) ...	✓ 1666fffb
	support tcp-keepalive config interval on macOs (redis#10667) ...	✓ ef68deb
	cleanup: use ZIPLIST_ENTRY_END macro instead of 1 (redis#3672) ...	✓ 9c39256
	fast path when SDIFF command has the same key as the first key (redis#...) ...	✓ 87131a5
	Expose Lua error in case of string error. (redis#10677) ...	✓ f44c343
	Module API doc script: Mark unreleased API functions (redis#10674) ...	✓ ced710f
	Bump github/codeql-action from 1 to 2 (redis#10635) ...	✓ ff3a357
	update redismodule notify defines to be in sync with server (redis#10688) ...	✓ 4e761eb
	zmalloc_get_rss implementation for haiku. (redis#10687) ...	✓ bdc44b3
	Fix RM_Scan() documentation (redis#10693) ...	✓ 8fc9592
	Bug fixes for enum configs with overlapping bit flags (module API) (r...) ...	✓ eb915a8
	Fix --save command line regression in redis 7.0.0 (redis#10690) ...	✓ 2bcd890
	fix some typos in "t_zset.c" (redis#10670) ...	✓ 6b44e4e
	Fix cursor type in RedisModuleScanCursor (redis#10698) ...	✓ a3df277
	Fix redis#10705 , avoid relinking the same library twice. (redis#10706) ...	✓ 442e73e
	CLUSTER SHARDS should returns slots as integers, not strings (redis#1...) ...	✓ 2a1ea8c
	Replace float zero comparison to FP_ZERO comparison (redis#10675) ...	✗ c2d8d4e
	Dedicated member to hold RedisModuleCommand (redis#10681) ...	✓ 815a6f8
	FLUSHDB and FLUSHALL add call forceCommandPropagation / FLUSHALL rese... ..	✓ 783b210
	redis-server command line arguments support take one bulk string with... ..	✓ bfbb15f
	Fix Makefile.dep generation with ICC. (redis#10708) ...	✓ 8bdd2d5
	Update security page with supported versions. (redis#10712)	✓ b414605
	Fix possible regression around TLS config changes. Add VOLATILE_CONFI... ..	✓ b16d1c2
	Fix race in module fork kill test (redis#10717) ...	✓ 586a16a
	Update comments on command args, and a misleading error reply (redis#...) ...	✓ 135998e
	re-add SENTINEL SLAVES command, missing in redis 7.0 (redis#10723) ...	✓ acd517c

Remove a redundant free in freeClient ([redis#10721](#)) ✓ 4b26218

24 hidden items

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 **DarrenJiang13** and others added 24 commits 6 months ago

Adds isolated netstats for replication. ([redis#10062](#)) ... ✓ bb1de08

rename channel to shardchannel in sharded pubsub commands ([redis#10738](#)) ... ✓ 805191c

Add module API RM_MallocUsableSize ([redis#10795](#)) ... ✓ 42fbf06

Moving client flags to a more cache friendly position within client s... ... ✓ 6a6e911

Fix broken protocol in MISCONF error, RM_Yield bugs, RM_Call(EVAL) OO... ... ✓ b2061de

Expose script flags to processCommand for better handling ([redis#10744](#)) ... ✓ df55861

Fix Lua compile warning ([redis#10805](#)) ... ✓ c81b5e5

Fix bugs in CONFIG REWRITE, omitting rename-command and include lines... ... ✓ cf3323d

Only print final log when aof is loaded successfully ([redis#10808](#)) ... ✓ aae0ec2

rewrite alias config to original name ([redis#10811](#)) ... ✓ a18c91d

Update time independent string compare to use hash length ([redis#9759](#)) ... ✓ 4ad1662

some minor spelling/grammatical fixes to module.c ([redis#10812](#)) ✓ 247e792

Update cluster.c ([redis#10773](#)) ... ✓ c751d8a

Split instantaneous_repl_total_kbps to instantaneous_input_repl_kbps ✓ f558583

crash report instructions ([redis#10816](#)) ... ✓ 475563e

update help.h ([redis#10818](#)) ... ✓ b027225








Fix bitfield_ro documentation ([redis#10820](#)) ... ✓ b4772f6



Handle multiple_token flag in generate-command-help.rb ([redis#10822](#)) ... ✓ 3d56f60

Documentation fixes of BITFIELD_RO and XINFO STREAM ([redis#10823](#)) ... ✓ 1067cfb

fix unused argument warning in ae_select.c ([redis#10824](#)) ✓ b8665b8

Increment the stat_rdb_saves counter in SAVE command ([redis#10827](#)) ... ✓ ae9764e

-   Update musl libc detection pattern ([redis#10826](#)) ...  ✓ f22bfe8
-   Merge remote-tracking branch 'origin/unstable' into 7.0 a5d2df3
-   7.0.1 ✓ 595e725

  **oranagra** requested a review from **a team** 6 months ago

  **oranagra** changed the base branch from `unstable` to `7.0` 6 months ago

oranagra commented on Jun 8

Contributor

Author

i accidentally targeted the wrong branch, which means the full CI didn't run.
but the fact is that the contents of the branch is identical to the unstable branch (with the exception of version number and release notes file), so we can rely on the last [daily CI](#) (which got aborted on MacOS due to shortage of disk-space, known issue).

yossigo approved these changes on Jun 8

[View changes](#)

 **oranagra** merged commit **2667c41** into [redis:7.0](#) on Jun 8
13 checks passed

[View details](#)

  **oranagra** deleted the `release-7.0.1` branch 6 months ago

Reviewers

 **yossigo**



Assignees

No one assigned

Labels

None yet

Projects

None yet

Milestone

No milestone

Development

Successfully merging this pull request may close these issues.

None yet

38 participants

