Linux kernel client

	2024-1					2024-2				2024-3			2024-4				2024-5				2024-6			
	1	2	3	4	5	6	7	8	9	10 11	12	13	14	15	16	17	18	19	20	21 2	2 2	3 24	25	26
Ceph										Ceph														
Linux kernel client										Linux	kerne	el clie	ent											
ceph-client: start laying the groundwork ()																								
possible irq lock inversion dependency ()																								
krbd: support boot from root file system ()																								
dead tcp connections during connection ()																								
krbd: poor read (about 10%) vs write ()																								
refactor krbd map/unmap paths																								
get rid of struct rbd_mapping																								
split up struct rbd_device into struct ()																								
decouple header read-in from running ()																								
rbd does many requests to the header ()																								
rbd: feature bits should be re-read ()																								
rbd: renaming a pool does not update ()																								
kcephfs: umount -f can fail after mds ()																								
WARN_ON in request_reinit()																								
ceph_osdc_writepages(): pre-allocated ()																								
can not umount and kernel crush																								
Kernel panic: kernel BUG at fs/ceph/mds_client.c:	1279	! ()																					
kclient mount does not detect newly ()																								
Race handling ceph_snap_context in kernel ()																								
amending caps with "ceph auth caps" ()																								
fs/ceph: add lazyio propagate/synchronize ()																								
unrecoverable OOM during rbd_concurrent.sh																								
kclient: BUG: KASAN: use-after-free ()																								
client: enable fscache will hit "CacheFiles: ()																								
Add support for sparse-read and "sparse_copyup	" ())																						
Add fscrypt support to the kernel CephFS ()																								

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add "full-force" unmap option add a ->setlease implementation to kcephfs fs/ceph: ceph.dir.entries does not acquire (...) Use after free in osdmap handling IP dual stack support for cephfs linux (...) ga: "client.4737 isn't responding to (...) RHEL 8.4: libceph considers osdmap corrupt (...) pre-single-major kernel for ubuntu 20.04 (...) xfstests generic/001 failure kclient: the read path is buggy when (...) add test for mounting volume after blocklisting [krbd] rbd: udev enumerate failed, retrying krbd_map failed with error code 91 implement sparse read support for the (...) when mounting with new dev syntax and (...) mounting subvolume shows size/used bytes (...) libceph: corrupt inc osdmap (-12) epoch (...) NETDEV WATCHDOG: enp3s0f1 (ixgbe): transmit (...) libceph socket closed CephFS Mounts via Linux kernel not releasing (...) ceph kernel client mount.ceph hangs (...) MDS changed truncate seq with client (...) [testing] dbench: write failed on handle (...) ceph client extremely slow kernel version (...) feature to block kclient from establishing (...) kclient: WARNING: fs/crypto/keyring.c:242 (...) MDS blacklists clients causing hang (...) quincy - kernel BUG at fs/ceph/inode.c:1376 krbd: track blocklisted clients and (...) kclient: xfstests-dev generic/075 failed kernel completes umount without waiting (...) libcephfs: incorrectly showing the size (...) kclient: do not send metrics until the (...)

add more context for log messages

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kclient: was evicted without responding (...)
kclient: make num fwd and num retry (...)
testing: did not reconnect to MDS during (...)
Add support for read_from_replica=localize (...)
kclient: watchdog: BUG: soft lockup (...)
kclient: fscrypt xfstest generic/317 (...)
libceph: osd sparse read: failed to (...)
File deletion is 20x slower on kernel (...)
fscrypt test trigger "kernel BUG at (...)
Fails to parse dual stack monlist: another (...)
ceph: fstest generic/580 test failure (...)
krbd/kcephfs: Support read from replica (...)
mdsc: preallocate reply msgs
mdsc: mempool for cap writeback?
avoid looping connect/retry errors on (...)
make a 'soft' mode
expose directory subtree partition/replication/fragmentation (...)
kicking capsnaps can send dups
Support fanotify/inotify
use SKB destructor in messenger?
krbd: limits and constants are not consistent (...)
mon client: sends request before authentication
osd client: susceptibility to low memory (...)
krbd: freeze filesystem on snapshot
kclient: improve mtime update in page_mkwrite
ceph: xattr: call __build_xattrs() *before* (...)
ceph: xattr: use the generic kernel (...)
Futher testing result for the issue (...)
kcephfs: writeback pagevec pool size (...)
libceph: messages from pool not initialized
libceph: don't have alloc_msg methods (...)
krbd: support arbitrary length responses (...)
libceph: osd_client: get_reply() generalize (...)
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3.11 kernel panic: Workqueue: ceph-msgr (...)

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Document which features are supported (...) krbd: 'rbd unmap' gets stuck improve falover to next available MON krbd: investigate a dd-in-a-loop slowdown IO drop outs/timeouts on one of the (...) kernel BUG at net/ceph/messenger.c:2954 (...) kdb on ceph tcp sendmsg messenger.c: short reads corrupt following (...) Memory Spike and page fault in slab (...) qa: clean up krbd workunits and add (...) umount stuck on NFS over RBD switch (...) osd client: consolidate exported functions cephfs kernel driver overuses GFP_NOFS CEPH_QA_SUITE/AARCH64: Command failed (...) [old topic] OSD will stuck if running (...) krbd: get rid of RBD MAX SNAP COUNT osd client: consolidate similar osd (...) IO hang when writing to a cached erasure (...) task kworker/u128:1:11460 blocked for (...) Clarify krbd CRUSH map tunables and (...) wire up SG_IO pages 0x83 and possibly (...) kcephfs: got forward for unsafe request XFS filesystem on RBD image was corrupt (...) Failures in run xfstests in krbd-luminous-testing-basic-smithi wrong used space with ceph df for large (...) node crash && bad crc in data ->kernel: (...) mds operates hung at ceph mdsc do request kclient: mds session hang in opening (...) ms inject socket failures vs watch/notify (...) Ceph - v19.0.0 fs/ceph: cross check passed in (...) dbench test results in call trace (...) Test failure: test_multiple_path_r (...)

New 0% Fix Under Review 0% Fix Under Review 0% Ceph - v10.2.10

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libceph does not give up reconnecting (...)
Ceph - v12.2.1
  result -108 xferred 2000, blk_update_request: (...)
Ceph - v12.2.11
  __ceph_remove_cap caused kernel (...)
Ceph - v12.2.12
  RBD I/O error leads to ghost-mapped (...)
   The read and write operations (...)
  __list_add_valid kernel NULL pointer (...)
Ceph - v12.2.5
  switch port down ,cephfs kernel (...)
Ceph - v14.2.2
  Calling messenger v1 protocol legacy (...)
Ceph - v14.2.6
  Client fails to release capabilities, (...)
Ceph - v15.0.0
  ceph: cgroup controller for limiting (...)
Ceph - v18.0.0
  kernel/fuse client using ceph ID (...)
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