

new/usr/src/pkg/manifests/system-test-zfstest.mf

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59128 Sun Jan 13 16:56:37 2013

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3444 README for usr/src/test

3445 ZFS tests for restricted aclmode

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Reviewed by: Richard Lowe <richlowe@richlowe.net>

```
1 #
2 # This file and its contents are supplied under the terms of the
3 # Common Development and Distribution License ("CDDL"), version 1.0.
4 # You may only use this file in accordance with the terms of version
5 # 1.0 of the CDDL.
6 #
7 # A full copy of the text of the CDDL should have accompanied this
8 # source. A copy of the CDDL is also available via the Internet at
9 # http://www.illumos.org/license/CDDL.
10 #
```

```
12 #
13 # Copyright (c) 2013 by Delphix. All rights reserved.
14 # Copyright (c) 2012 by Delphix. All rights reserved.
15 #
```

```
16 set name=pkg.fmri value=pkg:/system/test/zfstest@(PKGVERS)
17 set name=pkg.description value="ZFS Test Suite"
18 set name=pkg.summary value="ZFS Functional and Stress Tests"
19 set name=info.classification \
20   value=org.opensolaris.category.2008:Development/System
21 set name=variant.arch value=${ARCH}
22 dir path=opt/zfs-tests
23 dir path=opt/zfs-tests/bin
24 dir path=opt/zfs-tests/include
25 dir path=opt/zfs-tests/runfiles
26 dir path=opt/zfs-tests/tests
27 dir path=opt/zfs-tests/tests/functional
28 dir path=opt/zfs-tests/tests/functional/acl
29 dir path=opt/zfs-tests/tests/functional/acl/cifs
30 dir path=opt/zfs-tests/tests/functional/acl/nontrivial
31 dir path=opt/zfs-tests/tests/functional/acl/trivial
32 dir path=opt/zfs-tests/tests/functional/atime
33 dir path=opt/zfs-tests/tests/functional/bootfs
34 dir path=opt/zfs-tests/tests/functional/cli_root
35 dir path=opt/zfs-tests/tests/functional/cli_root/zdb
36 dir path=opt/zfs-tests/tests/functional/cli_root/zfs
37 dir path=opt/zfs-tests/tests/functional/cli_root/zfs_clone
38 dir path=opt/zfs-tests/tests/functional/cli_root/zfs_copies
39 dir path=opt/zfs-tests/tests/functional/cli_root/zfs_create
40 dir path=opt/zfs-tests/tests/functional/cli_root/zfs_destroy
41 dir path=opt/zfs-tests/tests/functional/cli_root/zfs_get
42 dir path=opt/zfs-tests/tests/functional/cli_root/zfs_inherit
43 dir path=opt/zfs-tests/tests/functional/cli_root/zfs_mount
44 dir path=opt/zfs-tests/tests/functional/cli_root/zfs_promote
45 dir path=opt/zfs-tests/tests/functional/cli_root/zfs_property
46 dir path=opt/zfs-tests/tests/functional/cli_root/zfs_receive
47 dir path=opt/zfs-tests/tests/functional/cli_root/zfs_rename
48 dir path=opt/zfs-tests/tests/functional/cli_root/zfs_reservation
49 dir path=opt/zfs-tests/tests/functional/cli_root/zfs_rollback
50 dir path=opt/zfs-tests/tests/functional/cli_root/zfs_send
51 dir path=opt/zfs-tests/tests/functional/cli_root/zfs_set
52 dir path=opt/zfs-tests/tests/functional/cli_root/zfs_share
53 dir path=opt/zfs-tests/tests/functional/cli_root/zfs_snapshot
54 dir path=opt/zfs-tests/tests/functional/cli_root/zfs_unmount
55 dir path=opt/zfs-tests/tests/functional/cli_root/zfs_unshare
56 dir path=opt/zfs-tests/tests/functional/cli_root/zfs_upgrade
57 dir path=opt/zfs-tests/tests/functional/cli_root/zpool
```

new/usr/src/pkg/manifests/system-test-zfstest.mf

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```
58 dir path=opt/zfs-tests/tests/functional/cli_root/zpool_add
59 dir path=opt/zfs-tests/tests/functional/cli_root/zpool_attach
60 dir path=opt/zfs-tests/tests/functional/cli_root/zpool_clear
61 dir path=opt/zfs-tests/tests/functional/cli_root/zpool_create
62 dir path=opt/zfs-tests/tests/functional/cli_root/zpool_destroy
63 dir path=opt/zfs-tests/tests/functional/cli_root/zpool_detach
64 dir path=opt/zfs-tests/tests/functional/cli_root/zpool_expand
65 dir path=opt/zfs-tests/tests/functional/cli_root/zpool_export
66 dir path=opt/zfs-tests/tests/functional/cli_root/zpool_get
67 dir path=opt/zfs-tests/tests/functional/cli_root/zpool_history
68 dir path=opt/zfs-tests/tests/functional/cli_root/zpool_import
69 dir path=opt/zfs-tests/tests/functional/cli_root/zpool_import/blockfiles
70 dir path=opt/zfs-tests/tests/functional/cli_root/zpool_offline
71 dir path=opt/zfs-tests/tests/functional/cli_root/zpool_online
72 dir path=opt/zfs-tests/tests/functional/cli_root/zpool_remove
73 dir path=opt/zfs-tests/tests/functional/cli_root/zpool_replace
74 dir path=opt/zfs-tests/tests/functional/cli_root/zpool_scrub
75 dir path=opt/zfs-tests/tests/functional/cli_root/zpool_set
76 dir path=opt/zfs-tests/tests/functional/cli_root/zpool_status
77 dir path=opt/zfs-tests/tests/functional/cli_root/zpool_upgrade
78 dir path=opt/zfs-tests/tests/functional/cli_root/zpool_upgrade/blockfiles
79 dir path=opt/zfs-tests/tests/functional/nopwrite
80 dir path=opt/zfs-tests/tests/functional/truncate
81 file path=opt/zfs-tests/README mode=0444
82 file path=opt/zfs-tests/bin/chg_usr_exec mode=0555
83 file path=opt/zfs-tests/bin/devname2devid mode=0555
84 file path=opt/zfs-tests/bin/dir_rd_update mode=0555
85 file path=opt/zfs-tests/bin/file_check mode=0555
86 file path=opt/zfs-tests/bin/file_trunc mode=0555
87 file path=opt/zfs-tests/bin/file_write mode=0555
88 file path=opt/zfs-tests/bin/largest_file mode=0555
89 file path=opt/zfs-tests/bin/mkbusy mode=0555
90 file path=opt/zfs-tests/bin/mktree mode=0555
91 file path=opt/zfs-tests/bin/mmapwrite mode=0555
92 file path=opt/zfs-tests/bin/randfree_file mode=0555
93 file path=opt/zfs-tests/bin/readmmap mode=0555
94 file path=opt/zfs-tests/bin/rename_dir mode=0555
95 file path=opt/zfs-tests/bin/rm_lnkcnt_zero_file mode=0555
96 file path=opt/zfs-tests/bin/zfstest mode=0555
97 file path=opt/zfs-tests/include/commands.cfg mode=0555
98 file path=opt/zfs-tests/include/default.cfg mode=0555
99 file path=opt/zfs-tests/include/libtest.shlib mode=0555
100 file path=opt/zfs-tests/include/math.shlib mode=0555
101 file path=opt/zfs-tests/include/properties.shlib mode=0555
102 file path=opt/zfs-tests/runfiles/delphix.run mode=0444
103 file path=opt/zfs-tests/runfiles/openindiana.run mode=0444
104 file path=opt/zfs-tests/tests/functional/acl/acl.cfg mode=0555
105 file path=opt/zfs-tests/tests/functional/acl/acl_common.kshlib mode=0555
106 file path=opt/zfs-tests/tests/functional/acl/cifs/cifs.kshlib mode=0555
107 file path=opt/zfs-tests/tests/functional/acl/cifs/cifs_attr_001_pos mode=0555
108 file path=opt/zfs-tests/tests/functional/acl/cifs/cifs_attr_002_pos mode=0555
109 file path=opt/zfs-tests/tests/functional/acl/cifs/cifs_attr_003_pos mode=0555
110 file path=opt/zfs-tests/tests/functional/acl/cifs/cleanup mode=0555
111 file path=opt/zfs-tests/tests/functional/acl/cifs/setup mode=0555
112 file path=opt/zfs-tests/tests/functional/acl/nontrivial/cleanup mode=0555
113 file path=opt/zfs-tests/tests/functional/acl/nontrivial/setup mode=0555
114 file \
115   path=opt/zfs-tests/tests/functional/acl/nontrivial/zfs_acl_aclmode_restrict
116   mode=0555
117 file path=opt/zfs-tests/tests/functional/acl/nontrivial/zfs_acl_chmod_001_neg \
118   mode=0555
119 file path=opt/zfs-tests/tests/functional/acl/nontrivial/zfs_acl_chmod_002_pos \
120   mode=0555
121 file \
122   path=opt/zfs-tests/tests/functional/acl/nontrivial/zfs_acl_chmod_aclmode_001
123   mode=0555
```

```

124 file \
125   path=opt/zfs-tests/tests/functional/acl/nontrivial/zfs_acl_chmod_compact_001
126   mode=0555
127 file \
128   path=opt/zfs-tests/tests/functional/acl/nontrivial/zfs_acl_chmod_delete_001_
129   mode=0555
130 file \
131   path=opt/zfs-tests/tests/functional/acl/nontrivial/zfs_acl_chmod_inherit_001
132   mode=0555
133 file \
134   path=opt/zfs-tests/tests/functional/acl/nontrivial/zfs_acl_chmod_inherit_002
135   mode=0555
136 file \
137   path=opt/zfs-tests/tests/functional/acl/nontrivial/zfs_acl_chmod_inherit_002
138   mode=0555
139 file \
140   path=opt/zfs-tests/tests/functional/acl/nontrivial/zfs_acl_chmod_inherit_003
141   mode=0555
142 file \
143   path=opt/zfs-tests/tests/functional/acl/nontrivial/zfs_acl_chmod_inherit_004
144   mode=0555
145 file \
146   path=opt/zfs-tests/tests/functional/acl/nontrivial/zfs_acl_chmod_owner_001_p
147   mode=0555
148 file \
149   path=opt/zfs-tests/tests/functional/acl/nontrivial/zfs_acl_chmod_rwacl_001_p
150   mode=0555
151 file \
152   path=opt/zfs-tests/tests/functional/acl/nontrivial/zfs_acl_chmod_rwx_001_pos
153   mode=0555
154 file \
155   path=opt/zfs-tests/tests/functional/acl/nontrivial/zfs_acl_chmod_rwx_002_pos
156   mode=0555
157 file \
158   path=opt/zfs-tests/tests/functional/acl/nontrivial/zfs_acl_chmod_rwx_003_pos
159   mode=0555
160 file \
161   path=opt/zfs-tests/tests/functional/acl/nontrivial/zfs_acl_chmod_rwx_004_pos
162   mode=0555
163 file \
164   path=opt/zfs-tests/tests/functional/acl/nontrivial/zfs_acl_chmod_xattr_001_p
165   mode=0555
166 file \
167   path=opt/zfs-tests/tests/functional/acl/nontrivial/zfs_acl_chmod_xattr_002_p
168   mode=0555
169 file path=opt/zfs-tests/tests/functional/acl/nontrivial/zfs_acl_cp_001_pos \
170   mode=0555
171 file path=opt/zfs-tests/tests/functional/acl/nontrivial/zfs_acl_cp_002_pos \
172   mode=0555
173 file path=opt/zfs-tests/tests/functional/acl/nontrivial/zfs_acl_cpio_001_pos \
174   mode=0555
175 file path=opt/zfs-tests/tests/functional/acl/nontrivial/zfs_acl_cpio_002_pos \
176   mode=0555
177 file path=opt/zfs-tests/tests/functional/acl/nontrivial/zfs_acl_find_001_pos \
178   mode=0555
179 file path=opt/zfs-tests/tests/functional/acl/nontrivial/zfs_acl_ls_001_pos \
180   mode=0555
181 file path=opt/zfs-tests/tests/functional/acl/nontrivial/zfs_acl_mv_001_pos \
182   mode=0555
183 file path=opt/zfs-tests/tests/functional/acl/nontrivial/zfs_acl_tar_001_pos \
184   mode=0555
185 file path=opt/zfs-tests/tests/functional/acl/nontrivial/zfs_acl_tar_002_pos \
186   mode=0555
187 file path=opt/zfs-tests/tests/functional/acl/trivial/cleanup mode=0555
188 file path=opt/zfs-tests/tests/functional/acl/trivial/setup mode=0555
189 file \

```

```

190   path=opt/zfs-tests/tests/functional/acl/trivial/zfs_acl_aclmode_restricted_0
191   mode=0555
192 file path=opt/zfs-tests/tests/functional/acl/trivial/zfs_acl_chmod_001_pos \
193   mode=0555
194 file path=opt/zfs-tests/tests/functional/acl/trivial/zfs_acl_compress_001_pos \
195   mode=0555
196 file path=opt/zfs-tests/tests/functional/acl/trivial/zfs_acl_cp_001_pos \
197   mode=0555
198 file path=opt/zfs-tests/tests/functional/acl/trivial/zfs_acl_cp_002_neg \
199   mode=0555
200 file path=opt/zfs-tests/tests/functional/acl/trivial/zfs_acl_cp_003_neg \
201   mode=0555
202 file path=opt/zfs-tests/tests/functional/acl/trivial/zfs_acl_find_001_pos \
203   mode=0555
204 file path=opt/zfs-tests/tests/functional/acl/trivial/zfs_acl_find_002_neg \
205   mode=0555
206 file path=opt/zfs-tests/tests/functional/acl/trivial/zfs_acl_ls_001_pos \
207   mode=0555
208 file path=opt/zfs-tests/tests/functional/acl/trivial/zfs_acl_ls_002_neg \
209   mode=0555
210 file path=opt/zfs-tests/tests/functional/acl/trivial/zfs_acl_mv_001_pos \
211   mode=0555
212 file path=opt/zfs-tests/tests/functional/acl/trivial/zfs_acl_pack_001_pos \
213   mode=0555
214 file path=opt/zfs-tests/tests/functional/acl/trivial/zfs_acl_pax_001_pos \
215   mode=0555
216 file path=opt/zfs-tests/tests/functional/acl/trivial/zfs_acl_pax_002_pos \
217   mode=0555
218 file path=opt/zfs-tests/tests/functional/acl/trivial/zfs_acl_pax_003_pos \
219   mode=0555
220 file path=opt/zfs-tests/tests/functional/acl/trivial/zfs_acl_pax_004_pos \
221   mode=0555
222 file path=opt/zfs-tests/tests/functional/acl/trivial/zfs_acl_pax_005_pos \
223   mode=0555
224 file path=opt/zfs-tests/tests/functional/acl/trivial/zfs_acl_pax_006_pos \
225   mode=0555
226 file path=opt/zfs-tests/tests/functional/acl/trivial/zfs_acl_tar_001_pos \
227   mode=0555
228 file path=opt/zfs-tests/tests/functional/acl/trivial/zfs_acl_tar_002_neg \
229   mode=0555
230 file path=opt/zfs-tests/tests/functional/ctime/ctime.cfg mode=0555
231 file path=opt/zfs-tests/tests/functional/ctime/ctime_001_pos mode=0555
232 file path=opt/zfs-tests/tests/functional/ctime/ctime_002_neg mode=0555
233 file path=opt/zfs-tests/tests/functional/ctime/ctime_common.kshlib mode=0555
234 file path=opt/zfs-tests/tests/functional/ctime/cleanup mode=0555
235 file path=opt/zfs-tests/tests/functional/ctime/setup mode=0555
236 file path=opt/zfs-tests/tests/functional/bootfs/bootfs_001_pos mode=0555
237 file path=opt/zfs-tests/tests/functional/bootfs/bootfs_002_neg mode=0555
238 file path=opt/zfs-tests/tests/functional/bootfs/bootfs_003_pos mode=0555
239 file path=opt/zfs-tests/tests/functional/bootfs/bootfs_004_neg mode=0555
240 file path=opt/zfs-tests/tests/functional/bootfs/bootfs_005_neg mode=0555
241 file path=opt/zfs-tests/tests/functional/bootfs/bootfs_006_pos mode=0555
242 file path=opt/zfs-tests/tests/functional/bootfs/bootfs_007_neg mode=0555
243 file path=opt/zfs-tests/tests/functional/bootfs/bootfs_008_neg mode=0555
244 file path=opt/zfs-tests/tests/functional/cli_root/cli_common.kshlib mode=0555
245 file path=opt/zfs-tests/tests/functional/cli_root/zdb/zdb_001_neg mode=0555
246 file path=opt/zfs-tests/tests/functional/cli_root/zfs/cleanup mode=0555
247 file path=opt/zfs-tests/tests/functional/cli_root/zfs/setup mode=0555
248 file path=opt/zfs-tests/tests/functional/cli_root/zfs/zfs_001_neg mode=0555
249 file path=opt/zfs-tests/tests/functional/cli_root/zfs/zfs_002_pos mode=0555
250 file path=opt/zfs-tests/tests/functional/cli_root/zfs/zfs_003_neg mode=0555
251 file path=opt/zfs-tests/tests/functional/cli_root/zfs_clone/cleanup mode=0555
252 file path=opt/zfs-tests/tests/functional/cli_root/zfs_clone/setup mode=0555
253 file path=opt/zfs-tests/tests/functional/cli_root/zfs_clone/zfs_clone_001_neg \
254   mode=0555
255 file path=opt/zfs-tests/tests/functional/cli_root/zfs_clone/zfs_clone_002_pos \

```

```
256 mode=0555
257 file path=opt/zfs-tests/tests/functional/cli_root/zfs_clone/zfs_clone_003_pos \
258 mode=0555
259 file path=opt/zfs-tests/tests/functional/cli_root/zfs_clone/zfs_clone_004_pos \
260 mode=0555
261 file path=opt/zfs-tests/tests/functional/cli_root/zfs_clone/zfs_clone_005_pos \
262 mode=0555
263 file path=opt/zfs-tests/tests/functional/cli_root/zfs_clone/zfs_clone_006_pos \
264 mode=0555
265 file path=opt/zfs-tests/tests/functional/cli_root/zfs_clone/zfs_clone_007_pos \
266 mode=0555
267 file path=opt/zfs-tests/tests/functional/cli_root/zfs_clone/zfs_clone_008_neg \
268 mode=0555
269 file path=opt/zfs-tests/tests/functional/cli_root/zfs_clone/zfs_clone_009_neg \
270 mode=0555
271 file path=opt/zfs-tests/tests/functional/cli_root/zfs_clone/zfs_clone_010_pos \
272 mode=0555
273 file path=opt/zfs-tests/tests/functional/cli_root/zfs_copies/cleanup mode=0555
274 file path=opt/zfs-tests/tests/functional/cli_root/zfs_copies/setup mode=0555
275 file path=opt/zfs-tests/tests/functional/cli_root/zfs_copies/zfs_copies.cfg \
276 mode=0555
277 file path=opt/zfs-tests/tests/functional/cli_root/zfs_copies/zfs_copies.kshlib \
278 mode=0555
279 file \
280 path=opt/zfs-tests/tests/functional/cli_root/zfs_copies/zfs_copies_001_pos \
281 mode=0555
282 file \
283 path=opt/zfs-tests/tests/functional/cli_root/zfs_copies/zfs_copies_002_pos \
284 mode=0555
285 file \
286 path=opt/zfs-tests/tests/functional/cli_root/zfs_copies/zfs_copies_003_pos \
287 mode=0555
288 file \
289 path=opt/zfs-tests/tests/functional/cli_root/zfs_copies/zfs_copies_004_neg \
290 mode=0555
291 file \
292 path=opt/zfs-tests/tests/functional/cli_root/zfs_copies/zfs_copies_005_neg \
293 mode=0555
294 file \
295 path=opt/zfs-tests/tests/functional/cli_root/zfs_copies/zfs_copies_006_pos \
296 mode=0555
297 file path=opt/zfs-tests/tests/functional/cli_root/zfs_create/cleanup mode=0555
298 file path=opt/zfs-tests/tests/functional/cli_root/zfs_create/properties.kshlib \
299 mode=0555
300 file path=opt/zfs-tests/tests/functional/cli_root/zfs_create/setup mode=0555
301 file path=opt/zfs-tests/tests/functional/cli_root/zfs_create/zfs_create.cfg \
302 mode=0555
303 file \
304 path=opt/zfs-tests/tests/functional/cli_root/zfs_create/zfs_create_001_pos \
305 mode=0555
306 file \
307 path=opt/zfs-tests/tests/functional/cli_root/zfs_create/zfs_create_002_pos \
308 mode=0555
309 file \
310 path=opt/zfs-tests/tests/functional/cli_root/zfs_create/zfs_create_003_pos \
311 mode=0555
312 file \
313 path=opt/zfs-tests/tests/functional/cli_root/zfs_create/zfs_create_004_pos \
314 mode=0555
315 file \
316 path=opt/zfs-tests/tests/functional/cli_root/zfs_create/zfs_create_005_pos \
317 mode=0555
318 file \
319 path=opt/zfs-tests/tests/functional/cli_root/zfs_create/zfs_create_006_pos \
320 mode=0555
321 file \
```

```
322 path=opt/zfs-tests/tests/functional/cli_root/zfs_create/zfs_create_007_pos \
323 mode=0555
324 file \
325 path=opt/zfs-tests/tests/functional/cli_root/zfs_create/zfs_create_008_neg \
326 mode=0555
327 file \
328 path=opt/zfs-tests/tests/functional/cli_root/zfs_create/zfs_create_009_neg \
329 mode=0555
330 file \
331 path=opt/zfs-tests/tests/functional/cli_root/zfs_create/zfs_create_010_neg \
332 mode=0555
333 file \
334 path=opt/zfs-tests/tests/functional/cli_root/zfs_create/zfs_create_011_pos \
335 mode=0555
336 file \
337 path=opt/zfs-tests/tests/functional/cli_root/zfs_create/zfs_create_012_pos \
338 mode=0555
339 file \
340 path=opt/zfs-tests/tests/functional/cli_root/zfs_create/zfs_create_013_pos \
341 mode=0555
342 file \
343 path=opt/zfs-tests/tests/functional/cli_root/zfs_create/zfs_create_common.ks
344 mode=0555
345 file path=opt/zfs-tests/tests/functional/cli_root/zfs_destroy/cleanup \
346 mode=0555
347 file path=opt/zfs-tests/tests/functional/cli_root/zfs_destroy/setup mode=0555
348 file path=opt/zfs-tests/tests/functional/cli_root/zfs_destroy/zfs_destroy.cfg \
349 mode=0555
350 file \
351 path=opt/zfs-tests/tests/functional/cli_root/zfs_destroy/zfs_destroy_001_pos
352 mode=0555
353 file \
354 path=opt/zfs-tests/tests/functional/cli_root/zfs_destroy/zfs_destroy_002_pos
355 mode=0555
356 file \
357 path=opt/zfs-tests/tests/functional/cli_root/zfs_destroy/zfs_destroy_003_pos
358 mode=0555
359 file \
360 path=opt/zfs-tests/tests/functional/cli_root/zfs_destroy/zfs_destroy_004_pos
361 mode=0555
362 file \
363 path=opt/zfs-tests/tests/functional/cli_root/zfs_destroy/zfs_destroy_005_neg
364 mode=0555
365 file \
366 path=opt/zfs-tests/tests/functional/cli_root/zfs_destroy/zfs_destroy_006_neg
367 mode=0555
368 file \
369 path=opt/zfs-tests/tests/functional/cli_root/zfs_destroy/zfs_destroy_007_neg
370 mode=0555
371 file \
372 path=opt/zfs-tests/tests/functional/cli_root/zfs_destroy/zfs_destroy_008_pos
373 mode=0555
374 file \
375 path=opt/zfs-tests/tests/functional/cli_root/zfs_destroy/zfs_destroy_009_pos
376 mode=0555
377 file \
378 path=opt/zfs-tests/tests/functional/cli_root/zfs_destroy/zfs_destroy_010_pos
379 mode=0555
380 file \
381 path=opt/zfs-tests/tests/functional/cli_root/zfs_destroy/zfs_destroy_011_pos
382 mode=0555
383 file \
384 path=opt/zfs-tests/tests/functional/cli_root/zfs_destroy/zfs_destroy_012_pos
385 mode=0555
386 file \
387 path=opt/zfs-tests/tests/functional/cli_root/zfs_destroy/zfs_destroy_013_neg
```

```

388 mode=0555
389 file \
390 path=opt/zfs-tests/tests/functional/cli_root/zfs_destroy/zfs_destroy_014_pos
391 mode=0555
392 file \
393 path=opt/zfs-tests/tests/functional/cli_root/zfs_destroy/zfs_destroy_015_pos
394 mode=0555
395 file \
396 path=opt/zfs-tests/tests/functional/cli_root/zfs_destroy/zfs_destroy_016_pos
397 mode=0555
398 file \
399 path=opt/zfs-tests/tests/functional/cli_root/zfs_destroy/zfs_destroy_common.
400 mode=0555
401 file path=opt/zfs-tests/tests/functional/cli_root/zfs_get/cleanup mode=0555
402 file path=opt/zfs-tests/tests/functional/cli_root/zfs_get/setup mode=0555
403 file path=opt/zfs-tests/tests/functional/cli_root/zfs_get/zfs_get_001_pos \
404 mode=0555
405 file path=opt/zfs-tests/tests/functional/cli_root/zfs_get/zfs_get_002_pos \
406 mode=0555
407 file path=opt/zfs-tests/tests/functional/cli_root/zfs_get/zfs_get_003_pos \
408 mode=0555
409 file path=opt/zfs-tests/tests/functional/cli_root/zfs_get/zfs_get_004_pos \
410 mode=0555
411 file path=opt/zfs-tests/tests/functional/cli_root/zfs_get/zfs_get_005_neg \
412 mode=0555
413 file path=opt/zfs-tests/tests/functional/cli_root/zfs_get/zfs_get_006_neg \
414 mode=0555
415 file path=opt/zfs-tests/tests/functional/cli_root/zfs_get/zfs_get_007_neg \
416 mode=0555
417 file path=opt/zfs-tests/tests/functional/cli_root/zfs_get/zfs_get_008_pos \
418 mode=0555
419 file path=opt/zfs-tests/tests/functional/cli_root/zfs_get/zfs_get_009_pos \
420 mode=0555
421 file path=opt/zfs-tests/tests/functional/cli_root/zfs_get/zfs_get_010_neg \
422 mode=0555
423 file \
424 path=opt/zfs-tests/tests/functional/cli_root/zfs_get/zfs_get_common.kshlib \
425 mode=0555
426 file \
427 path=opt/zfs-tests/tests/functional/cli_root/zfs_get/zfs_get_list_d.kshlib \
428 mode=0555
429 file path=opt/zfs-tests/tests/functional/cli_root/zfs_inherit/cleanup \
430 mode=0555
431 file path=opt/zfs-tests/tests/functional/cli_root/zfs_inherit/setup mode=0555
432 file \
433 path=opt/zfs-tests/tests/functional/cli_root/zfs_inherit/zfs_inherit_001_neg
434 mode=0555
435 file \
436 path=opt/zfs-tests/tests/functional/cli_root/zfs_inherit/zfs_inherit_002_neg
437 mode=0555
438 file \
439 path=opt/zfs-tests/tests/functional/cli_root/zfs_inherit/zfs_inherit_003_pos
440 mode=0555
441 file path=opt/zfs-tests/tests/functional/cli_root/zfs_mount/cleanup mode=0555
442 file path=opt/zfs-tests/tests/functional/cli_root/zfs_mount/setup mode=0555
443 file path=opt/zfs-tests/tests/functional/cli_root/zfs_mount/zfs_mount.cfg \
444 mode=0555
445 file path=opt/zfs-tests/tests/functional/cli_root/zfs_mount/zfs_mount.kshlib \
446 mode=0555
447 file path=opt/zfs-tests/tests/functional/cli_root/zfs_mount/zfs_mount_001_pos \
448 mode=0555
449 file path=opt/zfs-tests/tests/functional/cli_root/zfs_mount/zfs_mount_002_pos \
450 mode=0555
451 file path=opt/zfs-tests/tests/functional/cli_root/zfs_mount/zfs_mount_003_pos \
452 mode=0555
453 file path=opt/zfs-tests/tests/functional/cli_root/zfs_mount/zfs_mount_004_pos \

```

```

454 mode=0555
455 file path=opt/zfs-tests/tests/functional/cli_root/zfs_mount/zfs_mount_005_pos \
456 mode=0555
457 file path=opt/zfs-tests/tests/functional/cli_root/zfs_mount/zfs_mount_006_pos \
458 mode=0555
459 file path=opt/zfs-tests/tests/functional/cli_root/zfs_mount/zfs_mount_007_pos \
460 mode=0555
461 file path=opt/zfs-tests/tests/functional/cli_root/zfs_mount/zfs_mount_008_pos \
462 mode=0555
463 file path=opt/zfs-tests/tests/functional/cli_root/zfs_mount/zfs_mount_009_neg \
464 mode=0555
465 file path=opt/zfs-tests/tests/functional/cli_root/zfs_mount/zfs_mount_010_neg \
466 mode=0555
467 file path=opt/zfs-tests/tests/functional/cli_root/zfs_mount/zfs_mount_011_neg \
468 mode=0555
469 file \
470 path=opt/zfs-tests/tests/functional/cli_root/zfs_mount/zfs_mount_all_001_pos
471 mode=0555
472 file path=opt/zfs-tests/tests/functional/cli_root/zfs_promote/cleanup \
473 mode=0555
474 file path=opt/zfs-tests/tests/functional/cli_root/zfs_promote/setup mode=0555
475 file path=opt/zfs-tests/tests/functional/cli_root/zfs_promote/zfs_promote.cfg \
476 mode=0555
477 file \
478 path=opt/zfs-tests/tests/functional/cli_root/zfs_promote/zfs_promote_001_pos
479 mode=0555
480 file \
481 path=opt/zfs-tests/tests/functional/cli_root/zfs_promote/zfs_promote_002_pos
482 mode=0555
483 file \
484 path=opt/zfs-tests/tests/functional/cli_root/zfs_promote/zfs_promote_003_pos
485 mode=0555
486 file \
487 path=opt/zfs-tests/tests/functional/cli_root/zfs_promote/zfs_promote_004_pos
488 mode=0555
489 file \
490 path=opt/zfs-tests/tests/functional/cli_root/zfs_promote/zfs_promote_005_pos
491 mode=0555
492 file \
493 path=opt/zfs-tests/tests/functional/cli_root/zfs_promote/zfs_promote_006_neg
494 mode=0555
495 file \
496 path=opt/zfs-tests/tests/functional/cli_root/zfs_promote/zfs_promote_007_neg
497 mode=0555
498 file \
499 path=opt/zfs-tests/tests/functional/cli_root/zfs_promote/zfs_promote_008_pos
500 mode=0555
501 file path=opt/zfs-tests/tests/functional/cli_root/zfs_property/cleanup \
502 mode=0555
503 file path=opt/zfs-tests/tests/functional/cli_root/zfs_property/setup mode=0555
504 file \
505 path=opt/zfs-tests/tests/functional/cli_root/zfs_property/zfs_written_proper
506 mode=0555
507 file path=opt/zfs-tests/tests/functional/cli_root/zfs_receive/cleanup \
508 mode=0555
509 file path=opt/zfs-tests/tests/functional/cli_root/zfs_receive/setup mode=0555
510 file \
511 path=opt/zfs-tests/tests/functional/cli_root/zfs_receive/zfs_receive_001_pos
512 mode=0555
513 file \
514 path=opt/zfs-tests/tests/functional/cli_root/zfs_receive/zfs_receive_002_pos
515 mode=0555
516 file \
517 path=opt/zfs-tests/tests/functional/cli_root/zfs_receive/zfs_receive_003_pos
518 mode=0555
519 file \

```

```
520 path=opt/zfs-tests/tests/functional/cli_root/zfs_receive/zfs_receive_004_neg
521 mode=0555
522 file \
523 path=opt/zfs-tests/tests/functional/cli_root/zfs_receive/zfs_receive_005_neg
524 mode=0555
525 file \
526 path=opt/zfs-tests/tests/functional/cli_root/zfs_receive/zfs_receive_006_pos
527 mode=0555
528 file \
529 path=opt/zfs-tests/tests/functional/cli_root/zfs_receive/zfs_receive_007_neg
530 mode=0555
531 file \
532 path=opt/zfs-tests/tests/functional/cli_root/zfs_receive/zfs_receive_008_pos
533 mode=0555
534 file \
535 path=opt/zfs-tests/tests/functional/cli_root/zfs_receive/zfs_receive_009_neg
536 mode=0555
537 file path=opt/zfs-tests/tests/functional/cli_root/zfs_rename/cleanup mode=0555
538 file path=opt/zfs-tests/tests/functional/cli_root/zfs_rename/setup mode=0555
539 file path=opt/zfs-tests/tests/functional/cli_root/zfs_rename/zfs_rename.cfg \
540 mode=0555
541 file path=opt/zfs-tests/tests/functional/cli_root/zfs_rename/zfs_rename.kshlib \
542 mode=0555
543 file \
544 path=opt/zfs-tests/tests/functional/cli_root/zfs_rename/zfs_rename_001_pos \
545 mode=0555
546 file \
547 path=opt/zfs-tests/tests/functional/cli_root/zfs_rename/zfs_rename_002_pos \
548 mode=0555
549 file \
550 path=opt/zfs-tests/tests/functional/cli_root/zfs_rename/zfs_rename_003_pos \
551 mode=0555
552 file \
553 path=opt/zfs-tests/tests/functional/cli_root/zfs_rename/zfs_rename_004_neg \
554 mode=0555
555 file \
556 path=opt/zfs-tests/tests/functional/cli_root/zfs_rename/zfs_rename_005_neg \
557 mode=0555
558 file \
559 path=opt/zfs-tests/tests/functional/cli_root/zfs_rename/zfs_rename_006_pos \
560 mode=0555
561 file \
562 path=opt/zfs-tests/tests/functional/cli_root/zfs_rename/zfs_rename_007_pos \
563 mode=0555
564 file \
565 path=opt/zfs-tests/tests/functional/cli_root/zfs_rename/zfs_rename_008_pos \
566 mode=0555
567 file \
568 path=opt/zfs-tests/tests/functional/cli_root/zfs_rename/zfs_rename_009_neg \
569 mode=0555
570 file \
571 path=opt/zfs-tests/tests/functional/cli_root/zfs_rename/zfs_rename_010_neg \
572 mode=0555
573 file \
574 path=opt/zfs-tests/tests/functional/cli_root/zfs_rename/zfs_rename_011_pos \
575 mode=0555
576 file \
577 path=opt/zfs-tests/tests/functional/cli_root/zfs_rename/zfs_rename_012_neg \
578 mode=0555
579 file \
580 path=opt/zfs-tests/tests/functional/cli_root/zfs_rename/zfs_rename_013_pos \
581 mode=0555
582 file path=opt/zfs-tests/tests/functional/cli_root/zfs_reservation/cleanup \
583 mode=0555
584 file path=opt/zfs-tests/tests/functional/cli_root/zfs_reservation/setup \
585 mode=0555
```

```
586 file \
587 path=opt/zfs-tests/tests/functional/cli_root/zfs_reservation/zfs_reservation
588 mode=0555
589 file \
590 path=opt/zfs-tests/tests/functional/cli_root/zfs_reservation/zfs_reservation
591 mode=0555
592 file path=opt/zfs-tests/tests/functional/cli_root/zfs_rollback/cleanup \
593 mode=0555
594 file path=opt/zfs-tests/tests/functional/cli_root/zfs_rollback/setup mode=0555
595 file \
596 path=opt/zfs-tests/tests/functional/cli_root/zfs_rollback/zfs_rollback.cfg \
597 mode=0555
598 file \
599 path=opt/zfs-tests/tests/functional/cli_root/zfs_rollback/zfs_rollback_001_p
600 mode=0555
601 file \
602 path=opt/zfs-tests/tests/functional/cli_root/zfs_rollback/zfs_rollback_002_p
603 mode=0555
604 file \
605 path=opt/zfs-tests/tests/functional/cli_root/zfs_rollback/zfs_rollback_003_n
606 mode=0555
607 file \
608 path=opt/zfs-tests/tests/functional/cli_root/zfs_rollback/zfs_rollback_004_n
609 mode=0555
610 file \
611 path=opt/zfs-tests/tests/functional/cli_root/zfs_rollback/zfs_rollback_commo
612 mode=0555
613 file path=opt/zfs-tests/tests/functional/cli_root/zfs_send/cleanup mode=0555
614 file path=opt/zfs-tests/tests/functional/cli_root/zfs_send/setup mode=0555
615 file path=opt/zfs-tests/tests/functional/cli_root/zfs_send/zfs_send.cfg \
616 mode=0555
617 file path=opt/zfs-tests/tests/functional/cli_root/zfs_send/zfs_send_001_pos \
618 mode=0555
619 file path=opt/zfs-tests/tests/functional/cli_root/zfs_send/zfs_send_002_pos \
620 mode=0555
621 file path=opt/zfs-tests/tests/functional/cli_root/zfs_send/zfs_send_003_pos \
622 mode=0555
623 file path=opt/zfs-tests/tests/functional/cli_root/zfs_send/zfs_send_004_neg \
624 mode=0555
625 file path=opt/zfs-tests/tests/functional/cli_root/zfs_send/zfs_send_005_pos \
626 mode=0555
627 file path=opt/zfs-tests/tests/functional/cli_root/zfs_send/zfs_send_006_pos \
628 mode=0555
629 file path=opt/zfs-tests/tests/functional/cli_root/zfs_set/cache_001_pos \
630 mode=0555
631 file path=opt/zfs-tests/tests/functional/cli_root/zfs_set/cache_002_neg \
632 mode=0555
633 file path=opt/zfs-tests/tests/functional/cli_root/zfs_set/canmount_001_pos \
634 mode=0555
635 file path=opt/zfs-tests/tests/functional/cli_root/zfs_set/canmount_002_pos \
636 mode=0555
637 file path=opt/zfs-tests/tests/functional/cli_root/zfs_set/canmount_003_pos \
638 mode=0555
639 file path=opt/zfs-tests/tests/functional/cli_root/zfs_set/canmount_004_pos \
640 mode=0555
641 file path=opt/zfs-tests/tests/functional/cli_root/zfs_set/checksum_001_pos \
642 mode=0555
643 file path=opt/zfs-tests/tests/functional/cli_root/zfs_set/cleanup mode=0555
644 file path=opt/zfs-tests/tests/functional/cli_root/zfs_set/compression_001_pos \
645 mode=0555
646 file path=opt/zfs-tests/tests/functional/cli_root/zfs_set/mountpoint_001_pos \
647 mode=0555
648 file path=opt/zfs-tests/tests/functional/cli_root/zfs_set/mountpoint_002_pos \
649 mode=0555
650 file path=opt/zfs-tests/tests/functional/cli_root/zfs_set/mountpoint_003_pos \
651 mode=0555
```

```

652 file path=opt/zfs-tests/tests/functional/cli_root/zfs_set/onoffs_001_pos \
653     mode=0555
654 file \
655     path=opt/zfs-tests/tests/functional/cli_root/zfs_set/property_alias_001_pos
656     mode=0555
657 file path=opt/zfs-tests/tests/functional/cli_root/zfs_set/readonly_001_pos \
658     mode=0555
659 file path=opt/zfs-tests/tests/functional/cli_root/zfs_set/reservation_001_neg \
660     mode=0555
661 file path=opt/zfs-tests/tests/functional/cli_root/zfs_set/ro_props_001_pos \
662     mode=0555
663 file path=opt/zfs-tests/tests/functional/cli_root/zfs_set/setup mode=0555
664 file path=opt/zfs-tests/tests/functional/cli_root/zfs_set/share_mount_001_neg \
665     mode=0555
666 file path=opt/zfs-tests/tests/functional/cli_root/zfs_set/snapdir_001_pos \
667     mode=0555
668 file \
669     path=opt/zfs-tests/tests/functional/cli_root/zfs_set/user_property_001_pos \
670     mode=0555
671 file \
672     path=opt/zfs-tests/tests/functional/cli_root/zfs_set/user_property_002_pos \
673     mode=0555
674 file \
675     path=opt/zfs-tests/tests/functional/cli_root/zfs_set/user_property_003_neg \
676     mode=0555
677 file \
678     path=opt/zfs-tests/tests/functional/cli_root/zfs_set/user_property_004_pos \
679     mode=0555
680 file path=opt/zfs-tests/tests/functional/cli_root/zfs_set/version_001_neg \
681     mode=0555
682 file path=opt/zfs-tests/tests/functional/cli_root/zfs_set/zfs_set_001_neg \
683     mode=0555
684 file path=opt/zfs-tests/tests/functional/cli_root/zfs_set/zfs_set_002_neg \
685     mode=0555
686 file path=opt/zfs-tests/tests/functional/cli_root/zfs_set/zfs_set_003_neg \
687     mode=0555
688 file \
689     path=opt/zfs-tests/tests/functional/cli_root/zfs_set/zfs_set_common.kshlib \
690     mode=0555
691 file path=opt/zfs-tests/tests/functional/cli_root/zfs_share/cleanup mode=0555
692 file path=opt/zfs-tests/tests/functional/cli_root/zfs_share/setup mode=0555
693 file path=opt/zfs-tests/tests/functional/cli_root/zfs_share/zfs_share.cfg \
694     mode=0555
695 file path=opt/zfs-tests/tests/functional/cli_root/zfs_share/zfs_share_001_pos \
696     mode=0555
697 file path=opt/zfs-tests/tests/functional/cli_root/zfs_share/zfs_share_002_pos \
698     mode=0555
699 file path=opt/zfs-tests/tests/functional/cli_root/zfs_share/zfs_share_003_pos \
700     mode=0555
701 file path=opt/zfs-tests/tests/functional/cli_root/zfs_share/zfs_share_004_pos \
702     mode=0555
703 file path=opt/zfs-tests/tests/functional/cli_root/zfs_share/zfs_share_005_pos \
704     mode=0555
705 file path=opt/zfs-tests/tests/functional/cli_root/zfs_share/zfs_share_006_pos \
706     mode=0555
707 file path=opt/zfs-tests/tests/functional/cli_root/zfs_share/zfs_share_007_neg \
708     mode=0555
709 file path=opt/zfs-tests/tests/functional/cli_root/zfs_share/zfs_share_008_neg \
710     mode=0555
711 file path=opt/zfs-tests/tests/functional/cli_root/zfs_share/zfs_share_009_neg \
712     mode=0555
713 file path=opt/zfs-tests/tests/functional/cli_root/zfs_share/zfs_share_010_neg \
714     mode=0555
715 file path=opt/zfs-tests/tests/functional/cli_root/zfs_share/zfs_share_011_pos \
716     mode=0555
717 file path=opt/zfs-tests/tests/functional/cli_root/zfs_snapshot/cleanup \

```

```

718     mode=0555
719 file path=opt/zfs-tests/tests/functional/cli_root/zfs_snapshot/setup mode=0555
720 file \
721     path=opt/zfs-tests/tests/functional/cli_root/zfs_snapshot/zfs_snapshot.cfg \
722     mode=0555
723 file \
724     path=opt/zfs-tests/tests/functional/cli_root/zfs_snapshot/zfs_snapshot_001_n
725     mode=0555
726 file \
727     path=opt/zfs-tests/tests/functional/cli_root/zfs_snapshot/zfs_snapshot_002_n
728     mode=0555
729 file \
730     path=opt/zfs-tests/tests/functional/cli_root/zfs_snapshot/zfs_snapshot_003_n
731     mode=0555
732 file \
733     path=opt/zfs-tests/tests/functional/cli_root/zfs_snapshot/zfs_snapshot_004_n
734     mode=0555
735 file \
736     path=opt/zfs-tests/tests/functional/cli_root/zfs_snapshot/zfs_snapshot_005_n
737     mode=0555
738 file \
739     path=opt/zfs-tests/tests/functional/cli_root/zfs_snapshot/zfs_snapshot_006_p
740     mode=0555
741 file \
742     path=opt/zfs-tests/tests/functional/cli_root/zfs_snapshot/zfs_snapshot_007_n
743     mode=0555
744 file \
745     path=opt/zfs-tests/tests/functional/cli_root/zfs_snapshot/zfs_snapshot_008_n
746     mode=0555
747 file \
748     path=opt/zfs-tests/tests/functional/cli_root/zfs_snapshot/zfs_snapshot_009_p
749     mode=0555
750 file path=opt/zfs-tests/tests/functional/cli_root/zfs_unmount/cleanup \
751     mode=0555
752 file path=opt/zfs-tests/tests/functional/cli_root/zfs_unmount/setup mode=0555
753 file path=opt/zfs-tests/tests/functional/cli_root/zfs_unmount/zfs_unmount.cfg \
754     mode=0555
755 file \
756     path=opt/zfs-tests/tests/functional/cli_root/zfs_unmount/zfs_unmount.kshlib
757     mode=0555
758 file \
759     path=opt/zfs-tests/tests/functional/cli_root/zfs_unmount/zfs_unmount_001_pos
760     mode=0555
761 file \
762     path=opt/zfs-tests/tests/functional/cli_root/zfs_unmount/zfs_unmount_002_pos
763     mode=0555
764 file \
765     path=opt/zfs-tests/tests/functional/cli_root/zfs_unmount/zfs_unmount_003_pos
766     mode=0555
767 file \
768     path=opt/zfs-tests/tests/functional/cli_root/zfs_unmount/zfs_unmount_004_pos
769     mode=0555
770 file \
771     path=opt/zfs-tests/tests/functional/cli_root/zfs_unmount/zfs_unmount_005_pos
772     mode=0555
773 file \
774     path=opt/zfs-tests/tests/functional/cli_root/zfs_unmount/zfs_unmount_006_pos
775     mode=0555
776 file \
777     path=opt/zfs-tests/tests/functional/cli_root/zfs_unmount/zfs_unmount_007_neg
778     mode=0555
779 file \
780     path=opt/zfs-tests/tests/functional/cli_root/zfs_unmount/zfs_unmount_008_neg
781     mode=0555
782 file \
783     path=opt/zfs-tests/tests/functional/cli_root/zfs_unmount/zfs_unmount_009_pos

```

```

784 mode=0555
785 file \
786 path=opt/zfs-tests/tests/functional/cli_root/zfs_unmount/zfs_unmount_all_001
787 mode=0555
788 file path=opt/zfs-tests/tests/functional/cli_root/zfs_unshare/cleanup \
789 mode=0555
790 file path=opt/zfs-tests/tests/functional/cli_root/zfs_unshare/setup mode=0555
791 file \
792 path=opt/zfs-tests/tests/functional/cli_root/zfs_unshare/zfs_unshare_001_pos
793 mode=0555
794 file \
795 path=opt/zfs-tests/tests/functional/cli_root/zfs_unshare/zfs_unshare_002_pos
796 mode=0555
797 file \
798 path=opt/zfs-tests/tests/functional/cli_root/zfs_unshare/zfs_unshare_003_pos
799 mode=0555
800 file \
801 path=opt/zfs-tests/tests/functional/cli_root/zfs_unshare/zfs_unshare_004_neg
802 mode=0555
803 file \
804 path=opt/zfs-tests/tests/functional/cli_root/zfs_unshare/zfs_unshare_005_neg
805 mode=0555
806 file path=opt/zfs-tests/tests/functional/cli_root/zfs_upgrade/cleanup \
807 mode=0555
808 file path=opt/zfs-tests/tests/functional/cli_root/zfs_upgrade/setup mode=0555
809 file \
810 path=opt/zfs-tests/tests/functional/cli_root/zfs_upgrade/zfs_upgrade.kshlib
811 mode=0555
812 file \
813 path=opt/zfs-tests/tests/functional/cli_root/zfs_upgrade/zfs_upgrade_001_pos
814 mode=0555
815 file \
816 path=opt/zfs-tests/tests/functional/cli_root/zfs_upgrade/zfs_upgrade_002_pos
817 mode=0555
818 file \
819 path=opt/zfs-tests/tests/functional/cli_root/zfs_upgrade/zfs_upgrade_003_pos
820 mode=0555
821 file \
822 path=opt/zfs-tests/tests/functional/cli_root/zfs_upgrade/zfs_upgrade_004_pos
823 mode=0555
824 file \
825 path=opt/zfs-tests/tests/functional/cli_root/zfs_upgrade/zfs_upgrade_005_pos
826 mode=0555
827 file \
828 path=opt/zfs-tests/tests/functional/cli_root/zfs_upgrade/zfs_upgrade_006_neg
829 mode=0555
830 file \
831 path=opt/zfs-tests/tests/functional/cli_root/zfs_upgrade/zfs_upgrade_007_neg
832 mode=0555
833 file path=opt/zfs-tests/tests/functional/cli_root/zpool/cleanup mode=0555
834 file path=opt/zfs-tests/tests/functional/cli_root/zpool/setup mode=0555
835 file path=opt/zfs-tests/tests/functional/cli_root/zpool/zpool_001_neg \
836 mode=0555
837 file path=opt/zfs-tests/tests/functional/cli_root/zpool/zpool_002_pos \
838 mode=0555
839 file path=opt/zfs-tests/tests/functional/cli_root/zpool/zpool_003_pos \
840 mode=0555
841 file path=opt/zfs-tests/tests/functional/cli_root/zpool_add/cleanup mode=0555
842 file path=opt/zfs-tests/tests/functional/cli_root/zpool_add/setup mode=0555
843 file path=opt/zfs-tests/tests/functional/cli_root/zpool_add/zpool_add.cfg \
844 mode=0555
845 file path=opt/zfs-tests/tests/functional/cli_root/zpool_add/zpool_add.kshlib \
846 mode=0555
847 file path=opt/zfs-tests/tests/functional/cli_root/zpool_add/zpool_add_001_pos \
848 mode=0555
849 file path=opt/zfs-tests/tests/functional/cli_root/zpool_add/zpool_add_002_pos \

```

```

850 mode=0555
851 file path=opt/zfs-tests/tests/functional/cli_root/zpool_add/zpool_add_003_pos \
852 mode=0555
853 file path=opt/zfs-tests/tests/functional/cli_root/zpool_add/zpool_add_004_pos \
854 mode=0555
855 file path=opt/zfs-tests/tests/functional/cli_root/zpool_add/zpool_add_005_pos \
856 mode=0555
857 file path=opt/zfs-tests/tests/functional/cli_root/zpool_add/zpool_add_006_pos \
858 mode=0555
859 file path=opt/zfs-tests/tests/functional/cli_root/zpool_add/zpool_add_007_neg \
860 mode=0555
861 file path=opt/zfs-tests/tests/functional/cli_root/zpool_add/zpool_add_008_neg \
862 mode=0555
863 file path=opt/zfs-tests/tests/functional/cli_root/zpool_add/zpool_add_009_neg \
864 mode=0555
865 file path=opt/zfs-tests/tests/functional/cli_root/zpool_attach/cleanup \
866 mode=0555
867 file path=opt/zfs-tests/tests/functional/cli_root/zpool_attach/setup mode=0555
868 file \
869 path=opt/zfs-tests/tests/functional/cli_root/zpool_attach/zpool_attach_001_n
870 mode=0555
871 file path=opt/zfs-tests/tests/functional/cli_root/zpool_clear/cleanup \
872 mode=0555
873 file path=opt/zfs-tests/tests/functional/cli_root/zpool_clear/setup mode=0555
874 file path=opt/zfs-tests/tests/functional/cli_root/zpool_clear/zpool_clear.cfg \
875 mode=0555
876 file \
877 path=opt/zfs-tests/tests/functional/cli_root/zpool_clear/zpool_clear_001_pos
878 mode=0555
879 file \
880 path=opt/zfs-tests/tests/functional/cli_root/zpool_clear/zpool_clear_002_neg
881 mode=0555
882 file \
883 path=opt/zfs-tests/tests/functional/cli_root/zpool_clear/zpool_clear_003_neg
884 mode=0555
885 file path=opt/zfs-tests/tests/functional/cli_root/zpool_create/cleanup \
886 mode=0555
887 file path=opt/zfs-tests/tests/functional/cli_root/zpool_create/setup mode=0555
888 file \
889 path=opt/zfs-tests/tests/functional/cli_root/zpool_create/zpool_create.cfg \
890 mode=0555
891 file \
892 path=opt/zfs-tests/tests/functional/cli_root/zpool_create/zpool_create.shlib
893 mode=0555
894 file \
895 path=opt/zfs-tests/tests/functional/cli_root/zpool_create/zpool_create_001_p
896 mode=0555
897 file \
898 path=opt/zfs-tests/tests/functional/cli_root/zpool_create/zpool_create_002_p
899 mode=0555
900 file \
901 path=opt/zfs-tests/tests/functional/cli_root/zpool_create/zpool_create_003_p
902 mode=0555
903 file \
904 path=opt/zfs-tests/tests/functional/cli_root/zpool_create/zpool_create_004_p
905 mode=0555
906 file \
907 path=opt/zfs-tests/tests/functional/cli_root/zpool_create/zpool_create_005_p
908 mode=0555
909 file \
910 path=opt/zfs-tests/tests/functional/cli_root/zpool_create/zpool_create_006_p
911 mode=0555
912 file \
913 path=opt/zfs-tests/tests/functional/cli_root/zpool_create/zpool_create_007_n
914 mode=0555
915 file \

```

```
916 path=opt/zfs-tests/tests/functional/cli_root/zpool_create/zpool_create_008_p
917 mode=0555
918 file \
919 path=opt/zfs-tests/tests/functional/cli_root/zpool_create/zpool_create_009_n
920 mode=0555
921 file \
922 path=opt/zfs-tests/tests/functional/cli_root/zpool_create/zpool_create_010_n
923 mode=0555
924 file \
925 path=opt/zfs-tests/tests/functional/cli_root/zpool_create/zpool_create_011_n
926 mode=0555
927 file \
928 path=opt/zfs-tests/tests/functional/cli_root/zpool_create/zpool_create_012_n
929 mode=0555
930 file \
931 path=opt/zfs-tests/tests/functional/cli_root/zpool_create/zpool_create_013_n
932 mode=0555
933 file \
934 path=opt/zfs-tests/tests/functional/cli_root/zpool_create/zpool_create_014_n
935 mode=0555
936 file \
937 path=opt/zfs-tests/tests/functional/cli_root/zpool_create/zpool_create_015_n
938 mode=0555
939 file \
940 path=opt/zfs-tests/tests/functional/cli_root/zpool_create/zpool_create_016_p
941 mode=0555
942 file \
943 path=opt/zfs-tests/tests/functional/cli_root/zpool_create/zpool_create_017_n
944 mode=0555
945 file \
946 path=opt/zfs-tests/tests/functional/cli_root/zpool_create/zpool_create_018_p
947 mode=0555
948 file \
949 path=opt/zfs-tests/tests/functional/cli_root/zpool_create/zpool_create_019_p
950 mode=0555
951 file \
952 path=opt/zfs-tests/tests/functional/cli_root/zpool_create/zpool_create_020_p
953 mode=0555
954 file \
955 path=opt/zfs-tests/tests/functional/cli_root/zpool_create/zpool_create_021_p
956 mode=0555
957 file \
958 path=opt/zfs-tests/tests/functional/cli_root/zpool_create/zpool_create_022_p
959 mode=0555
960 file \
961 path=opt/zfs-tests/tests/functional/cli_root/zpool_create/zpool_create_023_n
962 mode=0555
963 file \
964 path=opt/zfs-tests/tests/functional/cli_root/zpool_create/zpool_create_featu
965 mode=0555
966 file \
967 path=opt/zfs-tests/tests/functional/cli_root/zpool_create/zpool_create_featu
968 mode=0555
969 file \
970 path=opt/zfs-tests/tests/functional/cli_root/zpool_create/zpool_create_featu
971 mode=0555
972 file \
973 path=opt/zfs-tests/tests/functional/cli_root/zpool_create/zpool_create_featu
974 mode=0555
975 file \
976 path=opt/zfs-tests/tests/functional/cli_root/zpool_destroy/zpool_destroy.cfg
977 mode=0555
978 file \
979 path=opt/zfs-tests/tests/functional/cli_root/zpool_destroy/zpool_destroy_001
980 mode=0555
981 file \
```

```
982 path=opt/zfs-tests/tests/functional/cli_root/zpool_destroy/zpool_destroy_002
983 mode=0555
984 file \
985 path=opt/zfs-tests/tests/functional/cli_root/zpool_destroy/zpool_destroy_003
986 mode=0555
987 file path=opt/zfs-tests/tests/functional/cli_root/zpool_detach/cleanup \
988 mode=0555
989 file path=opt/zfs-tests/tests/functional/cli_root/zpool_detach/setup mode=0555
990 file \
991 path=opt/zfs-tests/tests/functional/cli_root/zpool_detach/zpool_detach_001_n
992 mode=0555
993 file path=opt/zfs-tests/tests/functional/cli_root/zpool_expand/cleanup \
994 mode=0555
995 file path=opt/zfs-tests/tests/functional/cli_root/zpool_expand/setup mode=0555
996 file \
997 path=opt/zfs-tests/tests/functional/cli_root/zpool_expand/zpool_expand.cfg \
998 mode=0555
999 file \
1000 path=opt/zfs-tests/tests/functional/cli_root/zpool_expand/zpool_expand_001_p
1001 mode=0555
1002 file \
1003 path=opt/zfs-tests/tests/functional/cli_root/zpool_expand/zpool_expand_002_p
1004 mode=0555
1005 file \
1006 path=opt/zfs-tests/tests/functional/cli_root/zpool_expand/zpool_expand_003_n
1007 mode=0555
1008 file path=opt/zfs-tests/tests/functional/cli_root/zpool_export/cleanup \
1009 mode=0555
1010 file path=opt/zfs-tests/tests/functional/cli_root/zpool_export/setup mode=0555
1011 file \
1012 path=opt/zfs-tests/tests/functional/cli_root/zpool_export/zpool_export_001_p
1013 mode=0555
1014 file \
1015 path=opt/zfs-tests/tests/functional/cli_root/zpool_export/zpool_export_002_p
1016 mode=0555
1017 file \
1018 path=opt/zfs-tests/tests/functional/cli_root/zpool_export/zpool_export_003_n
1019 mode=0555
1020 file \
1021 path=opt/zfs-tests/tests/functional/cli_root/zpool_export/zpool_export_004_p
1022 mode=0555
1023 file path=opt/zfs-tests/tests/functional/cli_root/zpool_get/cleanup mode=0555
1024 file path=opt/zfs-tests/tests/functional/cli_root/zpool_get/setup mode=0555
1025 file path=opt/zfs-tests/tests/functional/cli_root/zpool_get/zpool_get.cfg \
1026 mode=0555
1027 file path=opt/zfs-tests/tests/functional/cli_root/zpool_get/zpool_get_001_pos \
1028 mode=0555
1029 file path=opt/zfs-tests/tests/functional/cli_root/zpool_get/zpool_get_002_pos \
1030 mode=0555
1031 file path=opt/zfs-tests/tests/functional/cli_root/zpool_get/zpool_get_003_pos \
1032 mode=0555
1033 file path=opt/zfs-tests/tests/functional/cli_root/zpool_get/zpool_get_004_neg \
1034 mode=0555
1035 file path=opt/zfs-tests/tests/functional/cli_root/zpool_history/cleanup \
1036 mode=0555
1037 file path=opt/zfs-tests/tests/functional/cli_root/zpool_history/setup \
1038 mode=0555
1039 file \
1040 path=opt/zfs-tests/tests/functional/cli_root/zpool_history/zpool_history_001
1041 mode=0555
1042 file \
1043 path=opt/zfs-tests/tests/functional/cli_root/zpool_history/zpool_history_002
1044 mode=0555
1045 file \
1046 path=opt/zfs-tests/tests/functional/cli_root/zpool_import/blockfiles/unclean
1047 mode=0444
```



```
1048 file path=opt/zfs-tests/tests/functional/cli_root/zpool_import/cleanup \  
1049 mode=0555  
1050 file path=opt/zfs-tests/tests/functional/cli_root/zpool_import/setup mode=0555  
1051 file \  
1052 path=opt/zfs-tests/tests/functional/cli_root/zpool_import/zpool_import.cfg \  
1053 mode=0555  
1054 file \  
1055 path=opt/zfs-tests/tests/functional/cli_root/zpool_import/zpool_import_001_p  
1056 mode=0555  
1057 file \  
1058 path=opt/zfs-tests/tests/functional/cli_root/zpool_import/zpool_import_002_p  
1059 mode=0555  
1060 file \  
1061 path=opt/zfs-tests/tests/functional/cli_root/zpool_import/zpool_import_003_p  
1062 mode=0555  
1063 file \  
1064 path=opt/zfs-tests/tests/functional/cli_root/zpool_import/zpool_import_004_p  
1065 mode=0555  
1066 file \  
1067 path=opt/zfs-tests/tests/functional/cli_root/zpool_import/zpool_import_005_p  
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1069 file \  
1070 path=opt/zfs-tests/tests/functional/cli_root/zpool_import/zpool_import_006_p  
1071 mode=0555  
1072 file \  
1073 path=opt/zfs-tests/tests/functional/cli_root/zpool_import/zpool_import_007_p  
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1075 file \  
1076 path=opt/zfs-tests/tests/functional/cli_root/zpool_import/zpool_import_008_p  
1077 mode=0555  
1078 file \  
1079 path=opt/zfs-tests/tests/functional/cli_root/zpool_import/zpool_import_009_n  
1080 mode=0555  
1081 file \  
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1084 file \  
1085 path=opt/zfs-tests/tests/functional/cli_root/zpool_import/zpool_import_011_n  
1086 mode=0555  
1087 file \  
1088 path=opt/zfs-tests/tests/functional/cli_root/zpool_import/zpool_import_012_p  
1089 mode=0555  
1090 file \  
1091 path=opt/zfs-tests/tests/functional/cli_root/zpool_import/zpool_import_013_n  
1092 mode=0555  
1093 file \  
1094 path=opt/zfs-tests/tests/functional/cli_root/zpool_import/zpool_import_all_0  
1095 mode=0555  
1096 file \  
1097 path=opt/zfs-tests/tests/functional/cli_root/zpool_import/zpool_import_featu  
1098 mode=0555  
1099 file \  
1100 path=opt/zfs-tests/tests/functional/cli_root/zpool_import/zpool_import_featu  
1101 mode=0555  
1102 file \  
1103 path=opt/zfs-tests/tests/functional/cli_root/zpool_import/zpool_import_featu  
1104 mode=0555  
1105 file \  
1106 path=opt/zfs-tests/tests/functional/cli_root/zpool_import/zpool_import_missi  
1107 mode=0555  
1108 file \  
1109 path=opt/zfs-tests/tests/functional/cli_root/zpool_import/zpool_import_missi  
1110 mode=0555  
1111 file \  
1112 path=opt/zfs-tests/tests/functional/cli_root/zpool_import/zpool_import_missi  
1113 mode=0555
```

```
1114 file \  
1115 path=opt/zfs-tests/tests/functional/cli_root/zpool_import/zpool_import_renam  
1116 mode=0555  
1117 file path=opt/zfs-tests/tests/functional/cli_root/zpool_offline/cleanup \  
1118 mode=0555  
1119 file path=opt/zfs-tests/tests/functional/cli_root/zpool_offline/setup \  
1120 mode=0555  
1121 file \  
1122 path=opt/zfs-tests/tests/functional/cli_root/zpool_offline/zpool_offline_001  
1123 mode=0555  
1124 file \  
1125 path=opt/zfs-tests/tests/functional/cli_root/zpool_offline/zpool_offline_002  
1126 mode=0555  
1127 file path=opt/zfs-tests/tests/functional/cli_root/zpool_online/cleanup \  
1128 mode=0555  
1129 file path=opt/zfs-tests/tests/functional/cli_root/zpool_online/setup mode=0555  
1130 file \  
1131 path=opt/zfs-tests/tests/functional/cli_root/zpool_online/zpool_online_001_p  
1132 mode=0555  
1133 file \  
1134 path=opt/zfs-tests/tests/functional/cli_root/zpool_online/zpool_online_002_n  
1135 mode=0555  
1136 file path=opt/zfs-tests/tests/functional/cli_root/zpool_remove/cleanup \  
1137 mode=0555  
1138 file path=opt/zfs-tests/tests/functional/cli_root/zpool_remove/setup mode=0555  
1139 file \  
1140 path=opt/zfs-tests/tests/functional/cli_root/zpool_remove/zpool_remove.cfg \  
1141 mode=0555  
1142 file \  
1143 path=opt/zfs-tests/tests/functional/cli_root/zpool_remove/zpool_remove_001_n  
1144 mode=0555  
1145 file \  
1146 path=opt/zfs-tests/tests/functional/cli_root/zpool_remove/zpool_remove_002_p  
1147 mode=0555  
1148 file \  
1149 path=opt/zfs-tests/tests/functional/cli_root/zpool_remove/zpool_remove_003_p  
1150 mode=0555  
1151 file path=opt/zfs-tests/tests/functional/cli_root/zpool_replace/cleanup \  
1152 mode=0555  
1153 file path=opt/zfs-tests/tests/functional/cli_root/zpool_replace/setup \  
1154 mode=0555  
1155 file \  
1156 path=opt/zfs-tests/tests/functional/cli_root/zpool_replace/zpool_replace_001  
1157 mode=0555  
1158 file path=opt/zfs-tests/tests/functional/cli_root/zpool_scrub/cleanup \  
1159 mode=0555  
1160 file path=opt/zfs-tests/tests/functional/cli_root/zpool_scrub/setup mode=0555  
1161 file path=opt/zfs-tests/tests/functional/cli_root/zpool_scrub/zpool_scrub.cfg \  
1162 mode=0555  
1163 file \  
1164 path=opt/zfs-tests/tests/functional/cli_root/zpool_scrub/zpool_scrub_001_neg  
1165 mode=0555  
1166 file \  
1167 path=opt/zfs-tests/tests/functional/cli_root/zpool_scrub/zpool_scrub_002_pos  
1168 mode=0555  
1169 file \  
1170 path=opt/zfs-tests/tests/functional/cli_root/zpool_scrub/zpool_scrub_003_pos  
1171 mode=0555  
1172 file \  
1173 path=opt/zfs-tests/tests/functional/cli_root/zpool_scrub/zpool_scrub_004_pos  
1174 mode=0555  
1175 file \  
1176 path=opt/zfs-tests/tests/functional/cli_root/zpool_scrub/zpool_scrub_005_pos  
1177 mode=0555  
1178 file path=opt/zfs-tests/tests/functional/cli_root/zpool_set/zpool_set_001_pos \  
1179 mode=0555
```



```

1312 mode=0444
1313 file \
1314 path=opt/zfs-tests/tests/functional/cli_root/zpool_upgrade/blockfiles/zfs-po
1315 mode=0444
1316 file \
1317 path=opt/zfs-tests/tests/functional/cli_root/zpool_upgrade/blockfiles/zfs-po
1318 mode=0444
1319 file \
1320 path=opt/zfs-tests/tests/functional/cli_root/zpool_upgrade/blockfiles/zfs-po
1321 mode=0444
1322 file \
1323 path=opt/zfs-tests/tests/functional/cli_root/zpool_upgrade/blockfiles/zfs-po
1324 mode=0444
1325 file \
1326 path=opt/zfs-tests/tests/functional/cli_root/zpool_upgrade/blockfiles/zfs-po
1327 mode=0444
1328 file \
1329 path=opt/zfs-tests/tests/functional/cli_root/zpool_upgrade/blockfiles/zfs-po
1330 mode=0444
1331 file \
1332 path=opt/zfs-tests/tests/functional/cli_root/zpool_upgrade/blockfiles/zfs-po
1333 mode=0444
1334 file \
1335 path=opt/zfs-tests/tests/functional/cli_root/zpool_upgrade/blockfiles/zfs-po
1336 mode=0444
1337 file \
1338 path=opt/zfs-tests/tests/functional/cli_root/zpool_upgrade/blockfiles/zfs-po
1339 mode=0444
1340 file \
1341 path=opt/zfs-tests/tests/functional/cli_root/zpool_upgrade/blockfiles/zfs-po
1342 mode=0444
1343 file \
1344 path=opt/zfs-tests/tests/functional/cli_root/zpool_upgrade/blockfiles/zfs-po
1345 mode=0444
1346 file \
1347 path=opt/zfs-tests/tests/functional/cli_root/zpool_upgrade/blockfiles/zfs-po
1348 mode=0444
1349 file path=opt/zfs-tests/tests/functional/cli_root/zpool_upgrade/cleanup \
1350 mode=0555
1351 file path=opt/zfs-tests/tests/functional/cli_root/zpool_upgrade/setup \
1352 mode=0555
1353 file \
1354 path=opt/zfs-tests/tests/functional/cli_root/zpool_upgrade/zpool_upgrade.cfg
1355 mode=0555
1356 file \
1357 path=opt/zfs-tests/tests/functional/cli_root/zpool_upgrade/zpool_upgrade.ksh
1358 mode=0555
1359 file \
1360 path=opt/zfs-tests/tests/functional/cli_root/zpool_upgrade/zpool_upgrade_001
1361 mode=0555
1362 file \
1363 path=opt/zfs-tests/tests/functional/cli_root/zpool_upgrade/zpool_upgrade_002
1364 mode=0555
1365 file \
1366 path=opt/zfs-tests/tests/functional/cli_root/zpool_upgrade/zpool_upgrade_003
1367 mode=0555
1368 file \
1369 path=opt/zfs-tests/tests/functional/cli_root/zpool_upgrade/zpool_upgrade_004
1370 mode=0555
1371 file \
1372 path=opt/zfs-tests/tests/functional/cli_root/zpool_upgrade/zpool_upgrade_005
1373 mode=0555
1374 file \
1375 path=opt/zfs-tests/tests/functional/cli_root/zpool_upgrade/zpool_upgrade_006
1376 mode=0555
1377 file \

```

```

1378 path=opt/zfs-tests/tests/functional/cli_root/zpool_upgrade/zpool_upgrade_007
1379 mode=0555
1380 file \
1381 path=opt/zfs-tests/tests/functional/cli_root/zpool_upgrade/zpool_upgrade_008
1382 mode=0555
1383 file \
1384 path=opt/zfs-tests/tests/functional/cli_root/zpool_upgrade/zpool_upgrade_009
1385 mode=0555
1386 file path=opt/zfs-tests/tests/functional/nopwrite/cleanup mode=0555
1387 file path=opt/zfs-tests/tests/functional/nopwrite/nopwrite.shlib mode=0555
1388 file path=opt/zfs-tests/tests/functional/nopwrite/nopwrite_copies mode=0555
1389 file path=opt/zfs-tests/tests/functional/nopwrite/nopwrite_mtime mode=0555
1390 file path=opt/zfs-tests/tests/functional/nopwrite/nopwrite_negative mode=0555
1391 file path=opt/zfs-tests/tests/functional/nopwrite/nopwrite_promoted_clone \
1392 mode=0555
1393 file path=opt/zfs-tests/tests/functional/nopwrite/nopwrite_resize mode=0555
1394 file path=opt/zfs-tests/tests/functional/nopwrite/nopwrite_sync mode=0555
1395 file path=opt/zfs-tests/tests/functional/nopwrite/nopwrite_varying_compression \
1396 mode=0555
1397 file path=opt/zfs-tests/tests/functional/nopwrite/nopwrite_volume mode=0555
1398 file path=opt/zfs-tests/tests/functional/nopwrite/setup mode=0555
1399 file path=opt/zfs-tests/tests/functional/truncate/cleanup mode=0555
1400 file path=opt/zfs-tests/tests/functional/truncate/setup mode=0555
1401 file path=opt/zfs-tests/tests/functional/truncate/truncate.cfg mode=0555
1402 file path=opt/zfs-tests/tests/functional/truncate/truncate_001_pos mode=0555
1403 file path=opt/zfs-tests/tests/functional/truncate/truncate_002_pos mode=0555
1404 license cr_Sun license=cr_Sun
1405 license lic_CDDL license=lic_CDDL
1406 depend fmri=system/file-system/zfs/tests type=require
1407 depend fmri=system/test/testrunner type=require

```

3674 Sun Jan 13 16:56:37 2013

new/usr/src/test/README

3444 README for usr/src/test

3445 ZFS tests for restricted aclmode

Reviewed by: Christopher Siden <chris.siden@delphix.com>

Reviewed by: Richard Lowe <richlowe@richlowe.net>

```

1 #
2 # This file and its contents are supplied under the terms of the
3 # Common Development and Distribution License ("CDDL"), version 1.0.
4 # You may only use this file in accordance with the terms of version
5 # 1.0 of the CDDL.
6 #
7 # A full copy of the text of the CDDL should have accompanied this
8 # source. A copy of the CDDL is also available via the Internet at
9 # http://www.illumos.org/license/CDDL.
10 #
11 #
12 #
13 # Copyright (c) 2013 by Delphix. All rights reserved.
14 #

```

16 illumos Testing README

```

18 1. A Brief History of usr/src/test
19 2. How to Run These Tests
20 3. How to Develop New Tests
21 4. Porting Tests from Other Frameworks

```

23 -----

25 1. A Brief History of usr/src/test

```

27 The tests here come in two varieties - tests written from scratch, and tests
28 that have been ported from the Solaris Test Collection. Not all of the STC
29 tests have been ported, and a forked repository of those that have been made
30 publicly available may currently be found here:

```

32 <https://bitbucket.org/illumos/illumos-stc/>

```

34 Regardless of origin, all of these tests are executed using the run(1) script
35 described in the next section.

```

37 2. How to Run These Tests

```

39 Currently, all the test suites under usr/src/test provide a wrapper script
40 around run(1). These wrappers allow environment variables to be set up which
41 may (for example) allow the script to specify which disks may be used by a test
42 suite, and which must be preserved. Additionally, the wrappers allow options to
43 run(1) to be passed through so that a user may specify a custom configuration
44 file for a test suite. For specifics on the options available in the framework
45 itself, please see the run(1) manpage.

```

47 3. How to Develop New Tests

```

49 New tests should mimic the directory layout of existing tests to the degree
50 possible. This includes the following directories:

```

```

52 cmd - Any support binaries or scripts used by the tests in this package.
53 doc - READMEs or other support documentation to be delivered with the package.
54 runfiles - Configuration files that dictate how the tests are run.
55 tests - The tests themselves (see below).

```

```

57 The tests you create will be run, and given a PASS or FAIL status in accordance
58 with the exit value returned by the test. A test may also be marked SKIPPED in

```

```

59 the event that a prerequisite test is marked FAIL, or marked KILLED in the
60 event the test times out. Note that there is no way to force a test to be
61 marked SKIPPED; this is intentional. If a test must be skipped due to
62 insufficient resources for example, then a wrapper script should be provided
63 that chooses or creates an appropriate configuration file. The goal of every
64 run is that every test is marked PASS.

```

66 4. Porting Tests from Other Frameworks

68 STF (Solaris Test Framework)

```

70 Porting tests from this framework is relatively straightforward. For the most
71 part the tests can be arranged in the new directory structure and added to the
72 configuration file. The template for a configuration file can easily be created
73 using the -w option to run(1). There are a few other changes that may be
74 required:

```

```

76 Some STF tests consume the values of variables from the user's environment.
77 These variables must be set before beginning the test run either manually, or
78 via a wrapper script.

```

```

80 Groups of tests in STF can automatically source .cfg files specified in the
81 'stf_description' file that exists in an STF directory. Ported tests that
82 require any of these variables must manually source the .cfg file instead.

```

```

84 The configuration file of a newly ported test must specify the user the test
85 should run as, along with the timeout value. In STF, these are also specified
86 in the 'stf_description' file.

```

```

*****
2879 Sun Jan 13 16:56:38 2013
new/usr/src/test/zfs-tests/doc/README
3444 README for usr/src/test
3445 ZFS tests for restricted aclmode
Reviewed by: Christopher Siden <chris.siden@delphix.com>
Reviewed by: Richard Lowe <richlowe@richlowe.net>
*****
1 #
2 # This file and its contents are supplied under the terms of the
3 # Common Development and Distribution License ("CDDL"), version 1.0.
4 # You may only use this file in accordance with the terms of version
5 # 1.0 of the CDDL.
6 #
7 # A full copy of the text of the CDDL should have accompanied this
8 # source. A copy of the CDDL is also available via the Internet at
9 # http://www.illumos.org/license/CDDL.
10 #
11 #
12 #
13 # Copyright (c) 2013 by Delphix. All rights reserved.
14 # Copyright (c) 2012 by Delphix. All rights reserved.
15 #
16 ZFS Test Suite README
17
18 1. Building and installing the ZFS Test Suite
19 2. Running the ZFS Test Suite
20 3. Test results
21
22 -----
23
24 1. Building and installing the ZFS Test Suite
25
26 The ZFS Test Suite runs under the testrunner framework (which can be installed
27 as pkg:/system/test/testrunner). To build both the ZFS Test Suite and the
28 testrunner without running a full nightly:
29
30     build_machine$ bldenv [-d] <your_env_file>
31     build_machine$ cd $SRC/test
32     build_machine$ dmake install
33     build_machine$ cd $SRC/pkg
34     build_machine$ dmake install
35
36 Then set the publisher on the test machine to point to your repository and
37 install the ZFS Test Suite.
38
39     test_machine# pkg install pkg:/system/test/zfstest
40
41 Note, the framework will be installed automatically, as the ZFS Test Suite
42 depends on it.
43
44 2. Running the ZFS Test Suite
45
46 The pre-requisites for running the ZFS Test Suite are:
47 - Three scratch disks
48 - Specify the disks you wish to use in the $DISKS variable, as a
49   space delimited list like this: DISKS='c3t1d0 c3t2d0 c3t3d0'
50 - Use the '-a' option to the zfstest script and all unused disks on
51   the system are eligible. With '-a' specified, $DISKS is ignored.
52 - A non-root user with the full set of basic privileges and the ability
53   to sudo(1M) to root without a password to run the test.
54 - Specify any pools you wish to preserve as a space delimited list in
55   the $KEEP variable. The root pool is added automatically.
56
57 Once the pre-requisites are satisfied, simply run the zfstest script:

```

```

59     test_machine$ /opt/zfs-tests/bin/zfstest [-aq]
60
61 When the '-q' option is specified, it is passed to run(1) which causes output
62 to be written to the console only for tests that do not pass and the results
63 summary.
64
65 The ZFS Test Suite allows the user to specify a subset of the tests via a
66 runfile. The format of the runfile is explained in run(1), and the files that
67 zfstest uses are available for reference under /opt/zfs-tests/runfiles. To
68 specify a custom runfile, use the -c option:
69
70     test_machine$ /opt/zfs-tests/bin/zfstest [-aq] -c my_tests.run
71
72 3. Test results
73
74 While the ZFS Test Suite is running, one informational line is printed at the
75 end of each test, and a results summary is printed at the end of the run. The
76 results summary includes the location of the complete logs, which is of the
77 form /var/tmp/test_results/<ISO 8601 date>.

```

```

*****
12536 Sun Jan 13 16:56:38 2013
new/usr/src/test/zfs-tests/runfiles/delphix.run
3444 README for usr/src/test
3445 ZFS tests for restricted aclmode
Reviewed by: Christopher Siden <chris.siden@delphix.com>
Reviewed by: Richard Lowe <richlowe@richlowe.net>
*****
1 #
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10 #
11 #
12 #
13 # Copyright (c) 2013 by Delphix. All rights reserved.
14 # Copyright (c) 2012 by Delphix. All rights reserved.
15 #
16 [DEFAULT]
17 pre = setup
18 quiet = False
19 pre_user = root
20 user = root
21 timeout = 600
22 post_user = root
23 post = cleanup
24 outputdir = /var/tmp/test_results
25 #
26 [/opt/zfs-tests/tests/functional/acl/cifs]
27 tests = ['cifs_attr_001_pos', 'cifs_attr_002_pos', 'cifs_attr_003_pos']
28 #
29 [/opt/zfs-tests/tests/functional/acl/nontrivial]
30 tests = ['zfs_acl_chmod_001_neg', 'zfs_acl_chmod_002_pos',
31 'zfs_acl_chmod_aclmode_001_pos', 'zfs_acl_chmod_compact_001_pos',
32 'zfs_acl_chmod_delete_001_pos', 'zfs_acl_chmod_inherit_001_pos',
33 'zfs_acl_chmod_inherit_002_neg', 'zfs_acl_chmod_inherit_002_pos',
34 'zfs_acl_chmod_inherit_003_pos', 'zfs_acl_chmod_inherit_004_pos',
35 'zfs_acl_chmod_owner_001_pos', 'zfs_acl_chmod_rwacl_001_pos',
36 'zfs_acl_chmod_rwx_001_pos', 'zfs_acl_chmod_rwx_002_pos',
37 'zfs_acl_chmod_rwx_003_pos', 'zfs_acl_chmod_rwx_004_pos',
38 'zfs_acl_chmod_xattr_001_pos', 'zfs_acl_chmod_xattr_002_pos',
39 'zfs_acl_cp_001_pos', 'zfs_acl_cp_002_pos', 'zfs_acl_cpio_001_pos',
40 'zfs_acl_cpio_002_pos', 'zfs_acl_find_001_pos', 'zfs_acl_ls_001_pos',
41 'zfs_acl_mv_001_pos', 'zfs_acl_tar_001_pos', 'zfs_acl_tar_002_pos',
42 'zfs_acl_aclmode_restricted_001_neg']
43 'zfs_acl_mv_001_pos', 'zfs_acl_tar_001_pos', 'zfs_acl_tar_002_pos']
44 #
45 [/opt/zfs-tests/tests/functional/acl/trivial]
46 tests = ['zfs_acl_chmod_001_pos', 'zfs_acl_compress_001_pos',
47 'zfs_acl_cp_001_pos', 'zfs_acl_cp_002_neg', 'zfs_acl_cp_003_neg',
48 'zfs_acl_find_001_pos', 'zfs_acl_find_002_neg', 'zfs_acl_ls_001_pos',
49 'zfs_acl_ls_002_neg', 'zfs_acl_mv_001_pos', 'zfs_acl_pack_001_pos',
50 'zfs_acl_pax_001_pos', 'zfs_acl_pax_002_pos', 'zfs_acl_pax_003_pos',
51 'zfs_acl_pax_004_pos', 'zfs_acl_pax_005_pos', 'zfs_acl_pax_006_pos',
52 'zfs_acl_tar_001_pos', 'zfs_acl_tar_002_neg',
53 'zfs_acl_aclmode_restricted_001_pos']
54 'zfs_acl_tar_001_pos', 'zfs_acl_tar_002_neg']
55 #
56 [/opt/zfs-tests/tests/functional/atime]
57 tests = ['atime_001_pos', 'atime_002_neg']

```

```

58 [/opt/zfs-tests/tests/functional/bootfs]
59 tests = ['bootfs_001_pos', 'bootfs_002_neg', 'bootfs_003_pos', 'bootfs_004_neg',
60 'bootfs_005_neg', 'bootfs_006_pos', 'bootfs_007_neg', 'bootfs_008_neg']
61 pre =
62 post =
63 #
64 [/opt/zfs-tests/tests/functional/cli_root/zdb]
65 tests = ['zdb_001_neg']
66 pre =
67 post =
68 #
69 [/opt/zfs-tests/tests/functional/cli_root/zfs]
70 tests = ['zfs_001_neg', 'zfs_002_pos', 'zfs_003_neg']
71 #
72 [/opt/zfs-tests/tests/functional/cli_root/zfs_clone]
73 tests = ['zfs_clone_001_neg', 'zfs_clone_002_pos', 'zfs_clone_003_pos',
74 'zfs_clone_004_pos', 'zfs_clone_005_pos', 'zfs_clone_006_pos',
75 'zfs_clone_007_pos', 'zfs_clone_008_neg', 'zfs_clone_009_neg',
76 'zfs_clone_010_pos']
77 #
78 [/opt/zfs-tests/tests/functional/cli_root/zfs_copies]
79 tests = ['zfs_copies_001_pos', 'zfs_copies_002_pos', 'zfs_copies_003_pos',
80 'zfs_copies_004_neg', 'zfs_copies_005_neg', 'zfs_copies_006_pos']
81 #
82 [/opt/zfs-tests/tests/functional/cli_root/zfs_create]
83 tests = ['zfs_create_001_pos', 'zfs_create_002_pos', 'zfs_create_003_pos',
84 'zfs_create_004_pos', 'zfs_create_005_pos', 'zfs_create_006_pos',
85 'zfs_create_007_pos', 'zfs_create_008_neg', 'zfs_create_009_neg',
86 'zfs_create_010_neg', 'zfs_create_011_pos', 'zfs_create_012_pos',
87 'zfs_create_013_pos']
88 #
89 [/opt/zfs-tests/tests/functional/cli_root/zfs_destroy]
90 tests = ['zfs_destroy_001_pos', 'zfs_destroy_002_pos', 'zfs_destroy_003_pos',
91 'zfs_destroy_004_pos', 'zfs_destroy_005_neg', 'zfs_destroy_006_neg',
92 'zfs_destroy_007_neg', 'zfs_destroy_008_pos', 'zfs_destroy_009_pos',
93 'zfs_destroy_010_pos', 'zfs_destroy_011_pos', 'zfs_destroy_012_pos',
94 'zfs_destroy_013_neg', 'zfs_destroy_014_pos', 'zfs_destroy_015_pos',
95 'zfs_destroy_016_pos']
96 #
97 [/opt/zfs-tests/tests/functional/cli_root/zfs_get]
98 tests = ['zfs_get_001_pos', 'zfs_get_002_pos', 'zfs_get_003_pos',
99 'zfs_get_004_pos', 'zfs_get_005_neg', 'zfs_get_006_neg', 'zfs_get_007_neg',
100 'zfs_get_008_pos', 'zfs_get_009_pos', 'zfs_get_010_neg']
101 #
102 [/opt/zfs-tests/tests/functional/cli_root/zfs_inherit]
103 tests = ['zfs_inherit_001_neg', 'zfs_inherit_002_neg', 'zfs_inherit_003_pos']
104 #
105 [/opt/zfs-tests/tests/functional/cli_root/zfs_mount]
106 tests = ['zfs_mount_001_pos', 'zfs_mount_002_pos', 'zfs_mount_003_pos',
107 'zfs_mount_004_pos', 'zfs_mount_005_pos', 'zfs_mount_006_pos',
108 'zfs_mount_007_pos', 'zfs_mount_008_pos', 'zfs_mount_009_neg',
109 'zfs_mount_010_neg', 'zfs_mount_011_neg', 'zfs_mount_all_001_pos']
110 #
111 [/opt/zfs-tests/tests/functional/cli_root/zfs_promote]
112 tests = ['zfs_promote_001_pos', 'zfs_promote_002_pos', 'zfs_promote_003_pos',
113 'zfs_promote_004_pos', 'zfs_promote_005_pos', 'zfs_promote_006_neg',
114 'zfs_promote_007_neg', 'zfs_promote_008_pos']
115 #
116 [/opt/zfs-tests/tests/functional/cli_root/zfs_property]
117 tests = ['zfs_written_property_001_pos']
118 #
119 [/opt/zfs-tests/tests/functional/cli_root/zfs_receive]
120 tests = ['zfs_receive_001_pos', 'zfs_receive_002_pos', 'zfs_receive_003_pos',
121 'zfs_receive_004_neg', 'zfs_receive_005_neg', 'zfs_receive_006_pos',
122 'zfs_receive_007_neg', 'zfs_receive_008_pos', 'zfs_receive_009_neg']

```

```

123 [/opt/zfs-tests/tests/functional/cli_root/zfs_rename]
124 tests = ['zfs_rename_001_pos', 'zfs_rename_002_pos', 'zfs_rename_003_pos',
125 'zfs_rename_004_neg', 'zfs_rename_005_neg', 'zfs_rename_006_pos',
126 'zfs_rename_007_pos', 'zfs_rename_008_pos', 'zfs_rename_009_neg',
127 'zfs_rename_010_neg', 'zfs_rename_011_pos', 'zfs_rename_012_neg',
128 'zfs_rename_013_pos']

130 [/opt/zfs-tests/tests/functional/cli_root/zfs_reservation]
131 tests = ['zfs_reservation_001_pos', 'zfs_reservation_002_pos']

133 [/opt/zfs-tests/tests/functional/cli_root/zfs_rollback]
134 tests = ['zfs_rollback_001_pos', 'zfs_rollback_002_pos', 'zfs_rollback_003_neg',
135 'zfs_rollback_004_neg']

137 [/opt/zfs-tests/tests/functional/cli_root/zfs_send]
138 tests = ['zfs_send_001_pos', 'zfs_send_002_pos', 'zfs_send_003_pos',
139 'zfs_send_004_neg', 'zfs_send_005_pos', 'zfs_send_006_pos']

141 [/opt/zfs-tests/tests/functional/cli_root/zfs_set]
142 tests = ['cache_001_pos', 'cache_002_neg', 'canmount_001_pos',
143 'canmount_002_pos', 'canmount_003_pos', 'canmount_004_pos',
144 'checksum_001_pos', 'compression_001_pos', 'mountpoint_001_pos',
145 'mountpoint_002_pos', 'mountpoint_003_pos', 'onoffs_001_pos',
146 'property_alias_001_pos', 'readonly_001_pos', 'reservation_001_neg',
147 'ro_props_001_pos', 'share_mount_001_neg', 'snapdir_001_pos',
148 'user_property_001_pos', 'user_property_002_pos', 'user_property_003_neg',
149 'user_property_004_pos', 'version_001_neg', 'zfs_set_001_neg',
150 'zfs_set_002_neg', 'zfs_set_003_neg']

152 [/opt/zfs-tests/tests/functional/cli_root/zfs_share]
153 tests = ['zfs_share_001_pos', 'zfs_share_002_pos', 'zfs_share_003_pos',
154 'zfs_share_004_pos', 'zfs_share_005_pos', 'zfs_share_006_pos',
155 'zfs_share_007_neg', 'zfs_share_008_neg', 'zfs_share_009_neg',
156 'zfs_share_010_neg', 'zfs_share_011_pos']

158 [/opt/zfs-tests/tests/functional/cli_root/zfs_snapshot]
159 tests = ['zfs_snapshot_001_neg', 'zfs_snapshot_002_neg', 'zfs_snapshot_003_neg',
160 'zfs_snapshot_004_neg', 'zfs_snapshot_005_neg', 'zfs_snapshot_006_pos',
161 'zfs_snapshot_007_neg', 'zfs_snapshot_008_neg', 'zfs_snapshot_009_pos']

163 [/opt/zfs-tests/tests/functional/cli_root/zfs_unmount]
164 tests = ['zfs_unmount_001_pos', 'zfs_unmount_002_pos', 'zfs_unmount_003_pos',
165 'zfs_unmount_004_pos', 'zfs_unmount_005_pos', 'zfs_unmount_006_pos',
166 'zfs_unmount_007_neg', 'zfs_unmount_008_neg', 'zfs_unmount_009_pos',
167 'zfs_unmount_all_001_pos']

169 [/opt/zfs-tests/tests/functional/cli_root/zfs_unshare]
170 tests = ['zfs_unshare_001_pos', 'zfs_unshare_002_pos', 'zfs_unshare_003_pos',
171 'zfs_unshare_004_neg', 'zfs_unshare_005_neg']

173 [/opt/zfs-tests/tests/functional/cli_root/zfs_upgrade]
174 tests = ['zfs_upgrade_001_pos', 'zfs_upgrade_002_pos', 'zfs_upgrade_003_pos',
175 'zfs_upgrade_004_pos', 'zfs_upgrade_005_pos', 'zfs_upgrade_006_neg',
176 'zfs_upgrade_007_neg']

178 [/opt/zfs-tests/tests/functional/cli_root/zpool]
179 tests = ['zpool_001_neg', 'zpool_002_pos', 'zpool_003_pos']

181 [/opt/zfs-tests/tests/functional/cli_root/zpool_add]
182 tests = ['zpool_add_001_pos', 'zpool_add_002_pos', 'zpool_add_003_pos',
183 'zpool_add_004_pos', 'zpool_add_005_pos', 'zpool_add_006_pos',
184 'zpool_add_007_neg', 'zpool_add_008_neg', 'zpool_add_009_neg']

186 [/opt/zfs-tests/tests/functional/cli_root/zpool_attach]
187 tests = ['zpool_attach_001_neg']

```

```

189 [/opt/zfs-tests/tests/functional/cli_root/zpool_clear]
190 tests = ['zpool_clear_001_pos', 'zpool_clear_002_neg', 'zpool_clear_003_neg']

192 [/opt/zfs-tests/tests/functional/cli_root/zpool_create]
193 tests = ['zpool_create_001_pos', 'zpool_create_002_pos', 'zpool_create_003_pos',
194 'zpool_create_004_pos', 'zpool_create_005_pos', 'zpool_create_006_pos',
195 'zpool_create_007_neg', 'zpool_create_008_pos', 'zpool_create_009_neg',
196 'zpool_create_010_neg', 'zpool_create_011_neg', 'zpool_create_012_neg',
197 'zpool_create_013_neg', 'zpool_create_014_neg', 'zpool_create_015_neg',
198 'zpool_create_016_pos', 'zpool_create_017_neg', 'zpool_create_018_pos',
199 'zpool_create_019_pos', 'zpool_create_020_pos', 'zpool_create_021_pos',
200 'zpool_create_022_pos', 'zpool_create_023_neg',
201 'zpool_create_features_001_pos', 'zpool_create_features_002_pos',
202 'zpool_create_features_003_pos', 'zpool_create_features_004_neg']

204 [/opt/zfs-tests/tests/functional/cli_root/zpool_destroy]
205 tests = ['zpool_destroy_001_pos', 'zpool_destroy_002_pos',
206 'zpool_destroy_003_neg']
207 pre =
208 post =

210 [/opt/zfs-tests/tests/functional/cli_root/zpool_detach]
211 tests = ['zpool_detach_001_neg']

213 [/opt/zfs-tests/tests/functional/cli_root/zpool_expand]
214 tests = ['zpool_expand_001_pos', 'zpool_expand_002_pos', 'zpool_expand_003_neg']

216 [/opt/zfs-tests/tests/functional/cli_root/zpool_export]
217 tests = ['zpool_export_001_pos', 'zpool_export_002_pos', 'zpool_export_003_neg',
218 'zpool_export_004_pos']

220 [/opt/zfs-tests/tests/functional/cli_root/zpool_get]
221 tests = ['zpool_get_001_pos', 'zpool_get_002_pos', 'zpool_get_003_pos',
222 'zpool_get_004_neg']

224 [/opt/zfs-tests/tests/functional/cli_root/zpool_history]
225 tests = ['zpool_history_001_neg', 'zpool_history_002_pos']

227 [/opt/zfs-tests/tests/functional/cli_root/zpool_import]
228 tests = ['zpool_import_001_pos', 'zpool_import_002_pos', 'zpool_import_003_pos',
229 'zpool_import_004_pos', 'zpool_import_005_pos', 'zpool_import_006_pos',
230 'zpool_import_007_pos', 'zpool_import_008_pos', 'zpool_import_009_neg',
231 'zpool_import_010_pos', 'zpool_import_011_neg', 'zpool_import_012_pos',
232 'zpool_import_013_neg', 'zpool_import_all_001_pos',
233 'zpool_import_features_001_pos', 'zpool_import_features_002_neg',
234 'zpool_import_features_003_pos', 'zpool_import_missing_001_pos',
235 'zpool_import_missing_002_pos', 'zpool_import_missing_003_pos',
236 'zpool_import_rename_001_pos']

238 [/opt/zfs-tests/tests/functional/cli_root/zpool_offline]
239 tests = ['zpool_offline_001_pos', 'zpool_offline_002_neg']

241 [/opt/zfs-tests/tests/functional/cli_root/zpool_online]
242 tests = ['zpool_online_001_pos', 'zpool_online_002_neg']

244 [/opt/zfs-tests/tests/functional/cli_root/zpool_remove]
245 tests = ['zpool_remove_001_neg', 'zpool_remove_002_pos', 'zpool_remove_003_pos']

247 [/opt/zfs-tests/tests/functional/cli_root/zpool_replace]
248 tests = ['zpool_replace_001_neg']

250 [/opt/zfs-tests/tests/functional/cli_root/zpool_scrub]
251 tests = ['zpool_scrub_001_neg', 'zpool_scrub_002_pos', 'zpool_scrub_003_pos',
252 'zpool_scrub_004_pos', 'zpool_scrub_005_pos']

```

```
254 [/opt/zfs-tests/tests/functional/cli_root/zpool_set]
255 tests = ['zpool_set_001_pos', 'zpool_set_002_neg', 'zpool_set_003_neg']
256 pre =
257 post =

259 [/opt/zfs-tests/tests/functional/cli_root/zpool_status]
260 tests = ['zpool_status_001_pos', 'zpool_status_002_pos']

262 [/opt/zfs-tests/tests/functional/cli_root/zpool_upgrade]
263 tests = ['zpool_upgrade_001_pos', 'zpool_upgrade_002_pos',
264         'zpool_upgrade_003_pos', 'zpool_upgrade_004_pos', 'zpool_upgrade_005_neg',
265         'zpool_upgrade_006_neg', 'zpool_upgrade_007_pos', 'zpool_upgrade_008_pos',
266         'zpool_upgrade_009_neg']

268 [/opt/zfs-tests/tests/functional/truncate]
269 tests = ['truncate_001_pos', 'truncate_002_pos']

271 [/opt/zfs-tests/tests/functional/nopwrite]
272 tests = ['nopwrite_copies', 'nopwrite_mtime', 'nopwrite_negative',
273         'nopwrite_promoted_clone', 'nopwrite_recsz', 'nopwrite_sync',
274         'nopwrite_varying_compression', 'nopwrite_volume']
```


new/usr/src/test/zfs-tests/runfiles/openindiana.run

1

```
*****
12536 Sun Jan 13 16:56:38 2013
new/usr/src/test/zfs-tests/runfiles/openindiana.run
3444 README for usr/src/test
3445 ZFS tests for restricted aclmode
Reviewed by: Christopher Siden <chris.siden@delphix.com>
Reviewed by: Richard Lowe <richlowe@richlowe.net>
*****
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9 # http://www.illumos.org/license/CDDL.
10 #
11 #
12 #
13 # Copyright (c) 2013 by Delphix. All rights reserved.
14 # Copyright (c) 2012 by Delphix. All rights reserved.
15 #
16 [DEFAULT]
17 pre = setup
18 quiet = False
19 pre_user = root
20 user = root
21 timeout = 600
22 post_user = root
23 post = cleanup
24 outputdir = /var/tmp/test_results
25 #
26 [/opt/zfs-tests/tests/functional/acl/cifs]
27 tests = ['cifs_attr_001_pos', 'cifs_attr_002_pos', 'cifs_attr_003_pos']
28 #
29 [/opt/zfs-tests/tests/functional/acl/nontrivial]
30 tests = ['zfs_acl_chmod_001_neg', 'zfs_acl_chmod_002_pos',
31 'zfs_acl_chmod_aclmode_001_pos', 'zfs_acl_chmod_compact_001_pos',
32 'zfs_acl_chmod_delete_001_pos', 'zfs_acl_chmod_inherit_001_pos',
33 'zfs_acl_chmod_inherit_002_neg', 'zfs_acl_chmod_inherit_002_pos',
34 'zfs_acl_chmod_inherit_003_pos', 'zfs_acl_chmod_inherit_004_pos',
35 'zfs_acl_chmod_owner_001_pos', 'zfs_acl_chmod_rwacl_001_pos',
36 'zfs_acl_chmod_rwx_001_pos', 'zfs_acl_chmod_rwx_002_pos',
37 'zfs_acl_chmod_rwx_003_pos', 'zfs_acl_chmod_rwx_004_pos',
38 'zfs_acl_chmod_xattr_001_pos', 'zfs_acl_chmod_xattr_002_pos',
39 'zfs_acl_cp_001_pos', 'zfs_acl_cp_002_pos', 'zfs_acl_cpio_001_pos',
40 'zfs_acl_cpio_002_pos', 'zfs_acl_find_001_pos', 'zfs_acl_ls_001_pos',
41 'zfs_acl_mv_001_pos', 'zfs_acl_tar_001_pos', 'zfs_acl_tar_002_pos',
42 'zfs_acl_aclmode_restricted_001_neg']
43 'zfs_acl_mv_001_pos', 'zfs_acl_tar_001_pos', 'zfs_acl_tar_002_pos']
44 #
45 [/opt/zfs-tests/tests/functional/acl/trivial]
45 tests = ['zfs_acl_chmod_001_pos', 'zfs_acl_compress_001_pos',
46 'zfs_acl_cp_001_pos', 'zfs_acl_cp_002_neg', 'zfs_acl_cp_003_neg',
47 'zfs_acl_find_001_pos', 'zfs_acl_find_002_neg', 'zfs_acl_ls_001_pos',
48 'zfs_acl_ls_002_neg', 'zfs_acl_mv_001_pos', 'zfs_acl_pack_001_pos',
49 'zfs_acl_pax_001_pos', 'zfs_acl_pax_002_pos', 'zfs_acl_pax_003_pos',
50 'zfs_acl_pax_004_pos', 'zfs_acl_pax_005_pos', 'zfs_acl_pax_006_pos',
51 'zfs_acl_tar_001_pos', 'zfs_acl_tar_002_neg',
52 'zfs_acl_aclmode_restricted_001_pos']
53 'zfs_acl_tar_001_pos', 'zfs_acl_tar_002_neg']
54 #
55 [/opt/zfs-tests/tests/functional/atime]
55 tests = ['atime_001_pos', 'atime_002_neg']
```

new/usr/src/test/zfs-tests/runfiles/openindiana.run

2

```
57 [/opt/zfs-tests/tests/functional/bootfs]
58 tests = ['bootfs_001_pos', 'bootfs_002_neg', 'bootfs_003_pos', 'bootfs_004_neg',
59 'bootfs_005_neg', 'bootfs_006_pos', 'bootfs_007_neg', 'bootfs_008_neg']
60 pre =
61 post =
62 #
63 [/opt/zfs-tests/tests/functional/cli_root/zdb]
64 tests = ['zdb_001_neg']
65 pre =
66 post =
67 #
68 [/opt/zfs-tests/tests/functional/cli_root/zfs]
69 tests = ['zfs_001_neg', 'zfs_002_pos', 'zfs_003_neg']
70 #
71 [/opt/zfs-tests/tests/functional/cli_root/zfs_clone]
72 tests = ['zfs_clone_001_neg', 'zfs_clone_002_pos', 'zfs_clone_003_pos',
73 'zfs_clone_004_pos', 'zfs_clone_005_pos', 'zfs_clone_006_pos',
74 'zfs_clone_007_pos', 'zfs_clone_008_neg', 'zfs_clone_009_neg',
75 'zfs_clone_010_pos']
76 #
77 [/opt/zfs-tests/tests/functional/cli_root/zfs_copies]
78 tests = ['zfs_copies_001_pos', 'zfs_copies_002_pos', 'zfs_copies_003_pos',
79 'zfs_copies_004_neg', 'zfs_copies_005_neg', 'zfs_copies_006_pos']
80 #
81 [/opt/zfs-tests/tests/functional/cli_root/zfs_create]
82 tests = ['zfs_create_001_pos', 'zfs_create_002_pos', 'zfs_create_003_pos',
83 'zfs_create_004_pos', 'zfs_create_005_pos', 'zfs_create_006_pos',
84 'zfs_create_007_pos', 'zfs_create_008_neg', 'zfs_create_009_neg',
85 'zfs_create_010_neg', 'zfs_create_011_pos', 'zfs_create_012_pos',
86 'zfs_create_013_pos']
87 #
88 [/opt/zfs-tests/tests/functional/cli_root/zfs_destroy]
89 tests = ['zfs_destroy_001_pos', 'zfs_destroy_002_pos', 'zfs_destroy_003_pos',
90 'zfs_destroy_004_pos', 'zfs_destroy_005_neg', 'zfs_destroy_006_neg',
91 'zfs_destroy_007_neg', 'zfs_destroy_008_pos', 'zfs_destroy_009_pos',
92 'zfs_destroy_010_pos', 'zfs_destroy_011_pos', 'zfs_destroy_012_pos',
93 'zfs_destroy_013_neg', 'zfs_destroy_014_pos', 'zfs_destroy_015_pos',
94 'zfs_destroy_016_pos']
95 #
96 [/opt/zfs-tests/tests/functional/cli_root/zfs_get]
97 tests = ['zfs_get_001_pos', 'zfs_get_002_pos', 'zfs_get_003_pos',
98 'zfs_get_004_pos', 'zfs_get_005_neg', 'zfs_get_006_neg', 'zfs_get_007_neg',
99 'zfs_get_008_pos', 'zfs_get_009_pos', 'zfs_get_010_neg']
100 #
101 [/opt/zfs-tests/tests/functional/cli_root/zfs_inherit]
102 tests = ['zfs_inherit_001_neg', 'zfs_inherit_002_neg', 'zfs_inherit_003_pos']
103 #
104 [/opt/zfs-tests/tests/functional/cli_root/zfs_mount]
105 tests = ['zfs_mount_001_pos', 'zfs_mount_002_pos', 'zfs_mount_003_pos',
106 'zfs_mount_004_pos', 'zfs_mount_005_pos', 'zfs_mount_006_pos',
107 'zfs_mount_007_pos', 'zfs_mount_008_pos', 'zfs_mount_009_neg',
108 'zfs_mount_010_neg', 'zfs_mount_011_neg', 'zfs_mount_all_001_pos']
109 #
110 [/opt/zfs-tests/tests/functional/cli_root/zfs_promote]
111 tests = ['zfs_promote_001_pos', 'zfs_promote_002_pos', 'zfs_promote_003_pos',
112 'zfs_promote_004_pos', 'zfs_promote_005_pos', 'zfs_promote_006_neg',
113 'zfs_promote_007_neg', 'zfs_promote_008_pos']
114 #
115 [/opt/zfs-tests/tests/functional/cli_root/zfs_property]
116 tests = ['zfs_written_property_001_pos']
117 #
118 [/opt/zfs-tests/tests/functional/cli_root/zfs_receive]
119 tests = ['zfs_receive_001_pos', 'zfs_receive_002_pos', 'zfs_receive_003_pos',
120 'zfs_receive_004_neg', 'zfs_receive_005_neg', 'zfs_receive_006_pos',
121 'zfs_receive_007_neg', 'zfs_receive_008_pos', 'zfs_receive_009_neg']
```

```

123 [/opt/zfs-tests/tests/functional/cli_root/zfs_rename]
124 tests = ['zfs_rename_001_pos', 'zfs_rename_002_pos', 'zfs_rename_003_pos',
125 'zfs_rename_004_neg', 'zfs_rename_005_neg', 'zfs_rename_006_pos',
126 'zfs_rename_007_pos', 'zfs_rename_008_pos', 'zfs_rename_009_neg',
127 'zfs_rename_010_neg', 'zfs_rename_011_pos', 'zfs_rename_012_neg',
128 'zfs_rename_013_pos']

130 [/opt/zfs-tests/tests/functional/cli_root/zfs_reservation]
131 tests = ['zfs_reservation_001_pos', 'zfs_reservation_002_pos']

133 [/opt/zfs-tests/tests/functional/cli_root/zfs_rollback]
134 tests = ['zfs_rollback_001_pos', 'zfs_rollback_002_pos', 'zfs_rollback_003_neg',
135 'zfs_rollback_004_neg']

137 [/opt/zfs-tests/tests/functional/cli_root/zfs_send]
138 tests = ['zfs_send_001_pos', 'zfs_send_002_pos', 'zfs_send_003_pos',
139 'zfs_send_004_neg', 'zfs_send_005_pos', 'zfs_send_006_pos']

141 [/opt/zfs-tests/tests/functional/cli_root/zfs_set]
142 tests = ['cache_001_pos', 'cache_002_neg', 'canmount_001_pos',
143 'canmount_002_pos', 'canmount_003_pos', 'canmount_004_pos',
144 'checksum_001_pos', 'compression_001_pos', 'mountpoint_001_pos',
145 'mountpoint_002_pos', 'mountpoint_003_pos', 'onoffs_001_pos',
146 'property_alias_001_pos', 'readonly_001_pos', 'reservation_001_neg',
147 'ro_props_001_pos', 'share_mount_001_neg', 'snapdir_001_pos',
148 'user_property_001_pos', 'user_property_002_pos', 'user_property_003_neg',
149 'user_property_004_pos', 'version_001_neg', 'zfs_set_001_neg',
150 'zfs_set_002_neg', 'zfs_set_003_neg']

152 [/opt/zfs-tests/tests/functional/cli_root/zfs_share]
153 tests = ['zfs_share_001_pos', 'zfs_share_002_pos', 'zfs_share_003_pos',
154 'zfs_share_004_pos', 'zfs_share_005_pos', 'zfs_share_006_pos',
155 'zfs_share_007_neg', 'zfs_share_008_neg', 'zfs_share_009_neg',
156 'zfs_share_010_neg', 'zfs_share_011_pos']

158 [/opt/zfs-tests/tests/functional/cli_root/zfs_snapshot]
159 tests = ['zfs_snapshot_001_neg', 'zfs_snapshot_002_neg', 'zfs_snapshot_003_neg',
160 'zfs_snapshot_004_neg', 'zfs_snapshot_005_neg', 'zfs_snapshot_006_pos',
161 'zfs_snapshot_007_neg', 'zfs_snapshot_008_neg', 'zfs_snapshot_009_pos']

163 [/opt/zfs-tests/tests/functional/cli_root/zfs_unmount]
164 tests = ['zfs_unmount_001_pos', 'zfs_unmount_002_pos', 'zfs_unmount_003_pos',
165 'zfs_unmount_004_pos', 'zfs_unmount_005_pos', 'zfs_unmount_006_pos',
166 'zfs_unmount_007_neg', 'zfs_unmount_008_neg', 'zfs_unmount_009_pos',
167 'zfs_unmount_all_001_pos']

169 [/opt/zfs-tests/tests/functional/cli_root/zfs_unshare]
170 tests = ['zfs_unshare_001_pos', 'zfs_unshare_002_pos', 'zfs_unshare_003_pos',
171 'zfs_unshare_004_neg', 'zfs_unshare_005_neg']

173 [/opt/zfs-tests/tests/functional/cli_root/zfs_upgrade]
174 tests = ['zfs_upgrade_001_pos', 'zfs_upgrade_002_pos', 'zfs_upgrade_003_pos',
175 'zfs_upgrade_004_pos', 'zfs_upgrade_005_pos', 'zfs_upgrade_006_neg',
176 'zfs_upgrade_007_neg']

178 [/opt/zfs-tests/tests/functional/cli_root/zpool]
179 tests = ['zpool_001_neg', 'zpool_002_pos', 'zpool_003_pos']

181 [/opt/zfs-tests/tests/functional/cli_root/zpool_add]
182 tests = ['zpool_add_001_pos', 'zpool_add_002_pos', 'zpool_add_003_pos',
183 'zpool_add_004_pos', 'zpool_add_005_pos', 'zpool_add_006_pos',
184 'zpool_add_007_neg', 'zpool_add_008_neg', 'zpool_add_009_neg']

186 [/opt/zfs-tests/tests/functional/cli_root/zpool_attach]
187 tests = ['zpool_attach_001_neg']

```

```

189 [/opt/zfs-tests/tests/functional/cli_root/zpool_clear]
190 tests = ['zpool_clear_001_pos', 'zpool_clear_002_neg', 'zpool_clear_003_neg']

192 [/opt/zfs-tests/tests/functional/cli_root/zpool_create]
193 tests = ['zpool_create_001_pos', 'zpool_create_002_pos', 'zpool_create_003_pos',
194 'zpool_create_004_pos', 'zpool_create_005_pos', 'zpool_create_006_pos',
195 'zpool_create_007_neg', 'zpool_create_008_pos', 'zpool_create_009_neg',
196 'zpool_create_010_neg', 'zpool_create_011_neg', 'zpool_create_012_neg',
197 'zpool_create_013_neg', 'zpool_create_014_neg', 'zpool_create_015_neg',
198 'zpool_create_016_pos', 'zpool_create_017_neg', 'zpool_create_018_pos',
199 'zpool_create_019_pos', 'zpool_create_020_pos', 'zpool_create_021_pos',
200 'zpool_create_022_pos', 'zpool_create_023_neg',
201 'zpool_create_features_001_pos', 'zpool_create_features_002_pos',
202 'zpool_create_features_003_pos', 'zpool_create_features_004_neg']

204 [/opt/zfs-tests/tests/functional/cli_root/zpool_destroy]
205 tests = ['zpool_destroy_001_pos', 'zpool_destroy_002_pos',
206 'zpool_destroy_003_neg']
207 pre =
208 post =

210 [/opt/zfs-tests/tests/functional/cli_root/zpool_detach]
211 tests = ['zpool_detach_001_neg']

213 [/opt/zfs-tests/tests/functional/cli_root/zpool_expand]
214 tests = ['zpool_expand_001_pos', 'zpool_expand_002_pos', 'zpool_expand_003_neg']

216 [/opt/zfs-tests/tests/functional/cli_root/zpool_export]
217 tests = ['zpool_export_001_pos', 'zpool_export_002_pos', 'zpool_export_003_neg',
218 'zpool_export_004_pos']

220 [/opt/zfs-tests/tests/functional/cli_root/zpool_get]
221 tests = ['zpool_get_001_pos', 'zpool_get_002_pos', 'zpool_get_003_pos',
222 'zpool_get_004_neg']

224 [/opt/zfs-tests/tests/functional/cli_root/zpool_history]
225 tests = ['zpool_history_001_neg', 'zpool_history_002_pos']

227 [/opt/zfs-tests/tests/functional/cli_root/zpool_import]
228 tests = ['zpool_import_001_pos', 'zpool_import_002_pos', 'zpool_import_003_pos',
229 'zpool_import_004_pos', 'zpool_import_005_pos', 'zpool_import_006_pos',
230 'zpool_import_007_pos', 'zpool_import_008_pos', 'zpool_import_009_neg',
231 'zpool_import_010_pos', 'zpool_import_011_neg', 'zpool_import_012_pos',
232 'zpool_import_013_neg', 'zpool_import_all_001_pos',
233 'zpool_import_features_001_pos', 'zpool_import_features_002_neg',
234 'zpool_import_features_003_pos', 'zpool_import_missing_001_pos',
235 'zpool_import_missing_002_pos', 'zpool_import_missing_003_pos',
236 'zpool_import_rename_001_pos']

238 [/opt/zfs-tests/tests/functional/cli_root/zpool_offline]
239 tests = ['zpool_offline_001_pos', 'zpool_offline_002_neg']

241 [/opt/zfs-tests/tests/functional/cli_root/zpool_online]
242 tests = ['zpool_online_001_pos', 'zpool_online_002_neg']

244 [/opt/zfs-tests/tests/functional/cli_root/zpool_remove]
245 tests = ['zpool_remove_001_neg', 'zpool_remove_002_pos', 'zpool_remove_003_pos']

247 [/opt/zfs-tests/tests/functional/cli_root/zpool_replace]
248 tests = ['zpool_replace_001_neg']

250 [/opt/zfs-tests/tests/functional/cli_root/zpool_scrub]
251 tests = ['zpool_scrub_001_neg', 'zpool_scrub_002_pos', 'zpool_scrub_003_pos',
252 'zpool_scrub_004_pos', 'zpool_scrub_005_pos']

```

```
254 [/opt/zfs-tests/tests/functional/cli_root/zpool_set]
255 tests = ['zpool_set_001_pos', 'zpool_set_002_neg', 'zpool_set_003_neg']
256 pre =
257 post =

259 [/opt/zfs-tests/tests/functional/cli_root/zpool_status]
260 tests = ['zpool_status_001_pos', 'zpool_status_002_pos']

262 [/opt/zfs-tests/tests/functional/cli_root/zpool_upgrade]
263 tests = ['zpool_upgrade_001_pos', 'zpool_upgrade_002_pos',
264         'zpool_upgrade_003_pos', 'zpool_upgrade_004_pos', 'zpool_upgrade_005_neg',
265         'zpool_upgrade_006_neg', 'zpool_upgrade_007_pos', 'zpool_upgrade_008_pos',
266         'zpool_upgrade_009_neg']

268 [/opt/zfs-tests/tests/functional/truncate]
269 tests = ['truncate_001_pos', 'truncate_002_pos']

271 [/opt/zfs-tests/tests/functional/nopwrite]
272 tests = ['nopwrite_copies', 'nopwrite_mtime', 'nopwrite_negative',
273         'nopwrite_promoted_clone', 'nopwrite_recsz', 'nopwrite_sync',
274         'nopwrite_varying_compression', 'nopwrite_volume']
```

```

*****
1592 Sun Jan 13 16:56:38 2013
new/usr/src/test/zfs-tests/tests/functional/acl/nontrivial/Makefile
3444 README for usr/src/test
3445 ZFS tests for restricted aclmode
Reviewed by: Christopher Siden <chris.siden@delphix.com>
Reviewed by: Richard Lowe <richlowe@richlowe.net>
*****
1 #
2 # This file and its contents are supplied under the terms of the
3 # Common Development and Distribution License ("CDDL"), version 1.0.
4 # You may only use this file in accordance with the terms of version
5 # 1.0 of the CDDL.
6 #
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8 # source. A copy of the CDDL is also available via the Internet at
9 # http://www.illumos.org/license/CDDL.
10 #
11 #
12 #
13 # Copyright (c) 2013 by Delphix. All rights reserved.
14 # Copyright (c) 2012 by Delphix. All rights reserved.
15 #
16 include $(SRC)/Makefile.master
17
18 ROOTOPTPKG = $(ROOT)/opt/zfs-tests
19 TESTDIR = $(ROOTOPTPKG)/tests/functional/acl/nontrivial
20
21 PROGS = cleanup \
22        setup \
23        zfs_acl_aclmode_restricted_001_neg \
24        zfs_acl_chmod_001_neg \
25        zfs_acl_chmod_002_pos \
26        zfs_acl_chmod_aclmode_001_pos \
27        zfs_acl_chmod_compact_001_pos \
28        zfs_acl_chmod_delete_001_pos \
29        zfs_acl_chmod_inherit_001_pos \
30        zfs_acl_chmod_inherit_002_neg \
31        zfs_acl_chmod_inherit_002_pos \
32        zfs_acl_chmod_inherit_003_pos \
33        zfs_acl_chmod_inherit_004_pos \
34        zfs_acl_chmod_owner_001_pos \
35        zfs_acl_chmod_rwACL_001_pos \
36        zfs_acl_chmod_rwx_001_pos \
37        zfs_acl_chmod_rwx_002_pos \
38        zfs_acl_chmod_rwx_003_pos \
39        zfs_acl_chmod_rwx_004_pos \
40        zfs_acl_chmod_xattr_001_pos \
41        zfs_acl_chmod_xattr_002_pos \
42        zfs_acl_cp_001_pos \
43        zfs_acl_cp_002_pos \
44        zfs_acl_cpio_001_pos \
45        zfs_acl_cpio_002_pos \
46        zfs_acl_find_001_pos \
47        zfs_acl_ls_001_pos \
48        zfs_acl_mv_001_pos \
49        zfs_acl_tar_001_pos \
50        zfs_acl_tar_002_pos
51
52 CMDS = $(PROGS:%=$(TESTDIR)/%)
53 $(CMDS) := FILEMODE = 0555
54
55 all lint clean clobber:
56
57 install: $(CMDS)

```

```

59 $(CMDS): $(TESTDIR)
60
61 $(TESTDIR):
62     $(INS.dir)
63
64 $(TESTDIR)/%: %.ksh
65     $(INS.rename)

```

new/usr/src/test/zfs-tests/tests/functional/acl/nontrivial/zfs_acl_aclmode_restr 1

```
*****
2441 Sun Jan 13 16:56:38 2013
new/usr/src/test/zfs-tests/tests/functional/acl/nontrivial/zfs_acl_aclmode_restr
icted_001_neg.ksh
3444 README for usr/src/test
3445 ZFS tests for restricted aclmode
Reviewed by: Christopher Siden <chris.siden@delphix.com>
Reviewed by: Richard Lowe <richlowe@richlowe.net>
*****
1 #!/usr/bin/ksh -p
2 #
3 # CDDL HEADER START
4 #
5 # The contents of this file are subject to the terms of the
6 # Common Development and Distribution License (the "License").
7 # You may not use this file except in compliance with the License.
8 #
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17 # fields enclosed by brackets "[]" replaced with your own identifying
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21 #
22 #
23 #
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27 #
28 #
29 # Copyright (c) 2013 by Delphix. All rights reserved.
30 # Copyright (c) 2013 by Paul B. Henson <henson@acm.org>.
31 # All rights reserved.
32 #
33 #
34 #
35 . $STF_SUITE/tests/functional/acl/acl.cfg
36 . $STF_SUITE/tests/functional/acl/acl_common.kshlib
37 #
38 #
39 # DESCRIPTION:
40 # Verify mode bits based chmod fails on files/directories with
41 # non-trivial ACLs when aclmode=restricted
42 #
43 # STRATEGY:
44 # 1. Loop super user and non-super user to run the test case
45 # 2. Create test file and directory
46 # 3. Set non-trivial ACL on test file and directory
47 # 4. Verify mode bits based chmod fails
48 #
49 #
50 verify_runnable "both"
51 #
52 function cleanup
53 {
54     # reset aclmode=discard
55     log_must $ZFS set aclmode=discard $TESTPOOL/$TESTFS
56 }
```

new/usr/src/test/zfs-tests/tests/functional/acl/nontrivial/zfs_acl_aclmode_restr 2

```
58 log_assert "Verify mode bits based chmod fails on files/directories "\
59 "with non-trivial ACLs when aclmode=restricted"
60 log_onexit cleanup
61 #
62 log_must $ZFS set aclmode=restricted $TESTPOOL/$TESTFS
63 #
64 for user in root $ZFS_ACL_STAFF1; do
65     log_must set_cur_usr $user
66 #
67     log_must usr_exec $MKDIR $TESTDIR/testdir
68     log_must usr_exec $TOUCH $TESTDIR/testfile
69 #
70     # Make sure ACL is non-trivial
71     log_must usr_exec $CHMOD A+user:${ZFS_ACL_STAFF1}:r::allow \
72     $TESTDIR/testdir $TESTDIR/testfile
73 #
74     log_mustnot usr_exec $CHMOD u-w $TESTDIR/testdir
75     log_mustnot usr_exec $CHMOD u-w $TESTDIR/testfile
76 #
77     log_must usr_exec $RMDIR $TESTDIR/testdir
78     log_must usr_exec $RM $TESTDIR/testfile
79 done
80 #
81 log_pass "Verify mode bits based chmod fails on files/directories "\
82 "with non-trivial ACLs when aclmode=restricted passed."
```

new/usr/src/test/zfs-tests/tests/functional/acl/trivial/Makefile

1

1271 Sun Jan 13 16:56:39 2013

new/usr/src/test/zfs-tests/tests/functional/acl/trivial/Makefile

3444 README for usr/src/test

3445 ZFS tests for restricted aclmode

Reviewed by: Christopher Siden <chris.siden@delphix.com>

Reviewed by: Richard Lowe <richlowe@richlowe.net>

```
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3 # Common Development and Distribution License ("CDDL"), version 1.0.
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5 # 1.0 of the CDDL.
6 #
7 # A full copy of the text of the CDDL should have accompanied this
8 # source. A copy of the CDDL is also available via the Internet at
9 # http://www.illumos.org/license/CDDL.
10 #
```

```
12 #
13 # Copyright (c) 2013 by Delphix. All rights reserved.
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15 #
```

```
16 include $(SRC)/Makefile.master
```

```
18 ROOTOPTPKG = $(ROOT)/opt/zfs-tests
```

```
19 TESTDIR = $(ROOTOPTPKG)/tests/functional/acl/trivial
```

```
21 PROGS = cleanup \
22         setup \
23         zfs_acl_aclmode_restricted_001_pos \
24         zfs_acl_chmod_001_pos \
25         zfs_acl_compress_001_pos \
26         zfs_acl_cp_001_pos \
27         zfs_acl_cp_002_neg \
28         zfs_acl_cp_003_neg \
29         zfs_acl_find_001_pos \
30         zfs_acl_find_002_neg \
31         zfs_acl_ls_001_pos \
32         zfs_acl_ls_002_neg \
33         zfs_acl_mv_001_pos \
34         zfs_acl_pack_001_pos \
35         zfs_acl_pax_001_pos \
36         zfs_acl_pax_002_pos \
37         zfs_acl_pax_003_pos \
38         zfs_acl_pax_004_pos \
39         zfs_acl_pax_005_pos \
40         zfs_acl_pax_006_pos \
41         zfs_acl_tar_001_pos \
42         zfs_acl_tar_002_neg
```

```
44 CMDS = $(PROGS:%=$(TESTDIR)/%)
```

```
45 $(CMDS) := FILEMODE = 0555
```

```
47 all lint clean clobber:
```

```
49 install: $(CMDS)
```

```
51 $(CMDS): $(TESTDIR)
```

```
53 $(TESTDIR):
```

```
54     $(INS.dir)
```

```
56 $(TESTDIR)/%: %.ksh
```

```
57     $(INS.rename)
```

```

*****
3627 Sun Jan 13 16:56:39 2013
new/usr/src/test/zfs-tests/tests/functional/acl/trivial/zfs_acl_aclmode_restrict
ed_001_pos.ksh
3444 README for usr/src/test
3445 ZFS tests for restricted aclmode
Reviewed by: Christopher Siden <chris.siden@delphix.com>
Reviewed by: Richard Lowe <richlowe@richlowe.net>
*****
1 #!/bin/ksh -p
2 #
3 # CDDL HEADER START
4 #
5 # The contents of this file are subject to the terms of the
6 # Common Development and Distribution License (the "License").
7 # You may not use this file except in compliance with the License.
8 #
9 # You can obtain a copy of the license at usr/src/OPENSOLARIS.LICENSE
10 # or http://www.opensolaris.org/os/licensing.
11 # See the License for the specific language governing permissions
12 # and limitations under the License.
13 #
14 # When distributing Covered Code, include this CDDL HEADER in each
15 # file and include the License file at usr/src/OPENSOLARIS.LICENSE.
16 # If applicable, add the following below this CDDL HEADER, with the
17 # fields enclosed by brackets "[]" replaced with your own identifying
18 # information: Portions Copyright [yyyy] [name of copyright owner]
19 #
20 # CDDL HEADER END
21 #
22 #
23 #
24 # Copyright 2009 Sun Microsystems, Inc. All rights reserved.
25 # Use is subject to license terms.
26 #
27 #
28 #
29 # Copyright (c) 2013 by Delphix. All rights reserved.
30 # Copyright (c) 2013 by Paul B. Henson <henson@acm.org>. All rights reserved.
31 #
32 #
33 . $STF_SUITE/tests/functional/acl/acl.cfg
34 . $STF_SUITE/tests/functional/acl/acl_common.kshlib
35 #
36 #
37 # DESCRIPTION:
38 # Verify chmod permission settings on files and directories, as both root
39 # and non-root users, with aclmode set to restricted.
40 #
41 # STRATEGY:
42 # 1. Loop root and $ZFS_ACL_STAFF1 as root and non-root users.
43 # 2. Create test file and directory in zfs filesystem.
44 # 3. Execute 'chmod' with specified options.
45 # 4. Check 'ls -l' output and compare with expect results.
46 #
47 verify_runnable "both"
48 #
49 function cleanup
50 {
51 # reset aclmode=discard
52 log_must $ZFS set aclmode=discard $TESTPOOL/$TESTFS
53 }
54 #
55 # "init_map" "options" "expect_map"
56 set -A argv \
57 "000" "a+rw" "rw-rw-rw-" "000" "a+rw" "rwxrwxrwx" \

```

```

58 "000" "u+xr" "r-x-----" "000" "gu-xw" "-----" \
59 "644" "a-r" "-w-----" "644" "augo-x" "rw-r--r--" \
60 "644" "=x" "--x--x--x" "644" "u-rw" "--r--r--" \
61 "644" "uo+x" "rwxr--r-x" "644" "ga-wr" "-----" \
62 "777" "augo+x" "rwxrwxrwx" "777" "go-xr" "rwx-w--w-" \
63 "777" "o-wx" "rwxrwxr--" "777" "ou-rx" "-w-rwx-w-" \
64 "777" "a+rw" "rwxrwxrwx" "777" "u=rw" "rw-rwxrwx" \
65 "000" "123" "--x-w--wx" "000" "412" "r---x-w-" \
66 "231" "562" "r-xrw--w-" "712" "000" "-----" \
67 "777" "121" "--x-w--x" "123" "775" "rwxrwxr-x"

69 log_assert " Verify chmod permission settings on files and directories for " \
70 "aclmode=restricted"
71 log_onexit cleanup

72 #
73 #
74 # Verify file or directory have correct map after chmod
75 #
76 # $1 file or directory
77 #
78 function test_chmod_mapping #<file-dir>
79 {
80 typeset node=$1
81 typeset -i i=0

82 #
83 while ((i < $#argv[@])); do
84 usr_exec $CHMOD ${argv[i]} $node
85 if (( $? != 0 )); then
86 log_note "usr_exec $CHMOD ${argv[i]} $node"
87 return 1
88 fi
89 usr_exec $CHMOD ${argv[ ((i + 1)) ]} $node
90 if (( $? != 0 )); then
91 log_note "usr_exec $CHMOD ${argv[ ((i + 1)) ]} $node"
92 return 1
93 fi

94 #
95 typeset mode
96 mode=$(get_mode ${node})

97 #
98 if [[ $mode != "-${argv[ ((i + 2)) ]}"* && \
99 $mode != "d${argv[ ((i + 2)) ]}"* ]]
100 then
101 log_fail "FAIL: '${argv[i]}' '${argv[ ((i + 1)) ]}' \
102 '${argv[ ((i + 2)) ]}'"
103 fi

104 #
105 ((i += 3))
106 done

107 #
108 return 0
109 }

110 #
111 # set aclmode=restricted
112 log_must $ZFS set aclmode=restricted $TESTPOOL/$TESTFS

113 #
114 for user in root $ZFS_ACL_STAFF1; do
115 log_must set_cur_usr $user

116 #
117 # Test file
118 log_must usr_exec $TOUCH $testfile
119 log_must test_chmod_mapping $testfile

120 #
121 # Test directory
122 log_must usr_exec $MKDIR $testdir
123 log_must test_chmod_mapping $testdir

```

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```
125     log_must usr_exec $RM $testfile
126     log_must usr_exec $RM -rf $testdir
127 done
```

```
129 log_pass "Setting permissions using 'chmod' for aclmode=restricted completed " \
130     "successfully."
```