FUNCTIONAL LTP SUMMARIZE ERROR REPORT

Old LTP version   :20180118
New LTP version :20210524

Total testcases,Passed,fail:
OLD LTP:
       Total Test passed :988
       Total test failed   :161
       Total tests   :1149
NEW LTP:
       Total test pass :1122
       Total tests fail   :222
       Total tests   :1344

 Note:new ltp added the 195 test cases when compared with old ltp.

Here mention the Tfail and Tconf tests failed on execution:

TCONF TESTS

TCONF TEST ERROR :216 test cases failed on execution

01	chown01_16	error:16-bit version of fchown() is not supported on your platform
02.	chown02_16	error:16-bit version of fchown() is not supported on your platform
03	chown03_16	error:16-bit version of fchown() is not supported on your platform
04	chown04_16	error:16-bit version of fchown() is not supported on your platform
05	chown05_16	error:16-bit version of fchown() is not supported on your platform

06	eventfd01	error:while loading shared libraries: libaio.so.1: cannot open shared object file: No such file or directory
07	fchown01_16	error:16-bit version of fchown() is not supported on your platform
08	fchown02_16	error:16-bit version of fchown() is not supported on your platform
09	fchown03_16	error:16-bit version of fchown() is not supported on your platform
10	fchown04_16	error:16-bit version of fchown() is not supported on your platform
11	fchown05_16	error:16-bit version of fchown() is not supported on your platform
12	fcntl06_64	error:system doesn't have LINUX_LOCK_FILE_REGION support
13	fcntl06	error:system doesn't have LINUX_LOCK_FILE_REGION support
14	fork14	mmap() fails too manytimes, so we are almost impossible to get an vm_area_struct sized 16TB. -Remaining cases not appropriate for configuration
15	futimesat01	futimesat not supported on your arch

16	getegid01_16	16-bit version of getegid() is not supported on your platform

17	getegid02_16	16-bit version of getegid() is not supported on your platform
18	geteuid01_16	16-bit version of getegid() is not supported on your platform
19	geteuid02_16	16-bit version of getegid() is not supported on your platform
20	getgid01_16	16-bit version of getegid() is not supported on your platform
21	getgid03_16	16-bit version of getegid() is not supported on your platform
22	getgroups01_16	16-bit version of getegid() is not supported on your platform
23	getgroups03_16	16-bit version of getegid() is not supported on your platform
24	get_mempolicy01	test requires libnuma >= 2 and it's development packages
25	getuid01_16	16-bit version of getuid() is not supported on your platform
26	getuid03_16	16-bit version of getuid() is not supported on your platform
27	getxattr04	mkfs.xfs not found in $PATH

28	fanotify01	CONFIG_FANOTIFY_ACCESS_PERMISSIONS not configured in kernel?: EINVAL
29	fanotify02	CONFIG_FANOTIFY_ACCESS_PERMISSIONS not configured in kernel?: EINVAL
30	fanotify03	CONFIG_FANOTIFY_ACCESS_PERMISSIONS not configured in kernel?: EINVAL
31	fanotify04	CONFIG_FANOTIFY_ACCESS_PERMISSIONS not configured in kernel?: EINVAL
32	fanotify05	CONFIG_FANOTIFY_ACCESS_PERMISSIONS not configured in kernel?: EINVAL
33	fanotify06	CONFIG_FANOTIFY_ACCESS_PERMISSIONS not configured in kernel?: EINVAL
34	fanotify07	CONFIG_FANOTIFY_ACCESS_PERMISSIONS not configured in kernel?: EINVAL

		CONFIG_FANOTIFY_ACCESS_PERMISSIONS not configured in kernel?: EINVAL
35	fanotify08	
36	io_cancel01	error: while loading shared libraries: libaio.so.1: cannot open shared object file. No such file or directory syscalls:io_destroy01 failed
37	io_destroy01	error: while loading shared libraries: libaio.so.1: cannot open shared object file. No such file or directory
38	io_getevents01	error: while loading shared libraries: libaio.so.1: cannot open shared object file. No such file or directory
39	io_setup01	error: while loading shared libraries: libaio.so.1: cannot open shared object file. No such file or directory
40	io_submit01	error: while loading shared libraries: libaio.so.1: cannot open shared object file. No such file or directory
41	kcmp01	syscall(272) __NR_kcmp not supported
42	kcmp02	syscall(272) __NR_kcmp not supported
43	kcmp03	syscall(272) __NR_kcmp not supported
44	lchown01_16	16-bit version of lchown() is not supported on your platform

45	lchown02_16	16-bit version of lchown() is not supported on your platform
46	lchown03_16	16-bit version of lchown() is not supported on your platform
47	mbind01	test requires libnuma >= 2 and it's development packages

48	migrate_pages01	System doesn't support __NR_migrate_pages or libnuma or libnuma development packages are not available
49	migrate_pages02	System doesn't support __NR_migrate_pages or libnuma or libnuma development packages are not available
50	modify_ldt01	modify_ldt01 test only for ix86
51	modify_ldt02	modify_ldt01 test only for ix86
52	modify_ldt03	modify_ldt01 test only for ix86
53	move_pages01	NUMA support not provided
54	move_pages02	NUMA support not provided
55	move_pages03	NUMA support not provided
56	move_pages04	NUMA support not provided
57	move_pages05	NUMA support not provided
58	move_pages06	NUMA support not provided
59	move_pages07	NUMA support not provided
61	move_pages09	NUMA support not provided

62	move_pages10	NUMA support not provided
63	move_pages11	NUMA support not provided
64	move_pages12	NUMA support not provided
66	munlockall02	munlockall() failed to produce expected errno :1 Got : 0, Success. Some distros, such as Red Hat Enterprise Linux, support non-superuser munlockall calls.
67	madvise06	file needed: /proc/sys/vm/drop_caches

68	madvise07	CONFIG_MEMORY_FAILURE probably not set in kconfig: EINVAL
69	madvise09	CONFIG_MEMORY_FAILURE probably not set in kconfig: EINVAL
70	ptrace03	this kernel allows to trace init
71	ptrace04	test not supported for your arch (yet)
72	ptrace07	this test is only supported on x86_64
73	quotactl01	quotacheck binary not installed
74	quotactl02	This system didn't support quota or xfs quota
75	quotactl03	This system didn't support quota or xfs quota
76	readdir21	__NR_readdir not supported on your arch
77	recvmsg03	rds was not supported
78	sbrk03	Only works in 32bit on s390 series system

79	sendfile09	sendfile(2) on large file needs 5G free space.
80	sendfile09_64	sendfile(2) on large file needs 5G free space.
81	setfsgid01_16	16-bit version of setfsgid() is not supported on your platform
82	setfsgid02_16	16-bit version of setfsgid() is not supported on your platform
83	setfsgid03_16	16-bit version of setfsgid() is not supported on your platform
84	setfsuid01_16	16-bit version of setfsgid() is not supported on your platform
85	setfsuid02_16	16-bit version of setfsgid() is not supported on your platform
86	setfsuid03_16	16-bit version of setfsgid() is not supported on your platform
87	setfsuid04_16	16-bit version of setfsgid() is not supported on your platform

88	setgid01_16	16-bit version of setfsgid() is not supported on your platform
89	setgid02_16	16-bit version of setfsgid() is not supported on your platform
90	setgid03_16	16-bit version of setfsgid() is not supported on your platform
91	sgetmask01	NR_ssetmask not supported on your arch

92	setgroups01_16	16-bit version of setfsgid() is not supported on your platform
93	setgroups02_16	16-bit version of setfsgid() is not supported on your platform
94	setgroups03_16	16-bit version of setfsgid() is not supported on your platform
95	setgroups04_16	16-bit version of setfsgid() is not supported on your platform
96	setregid01_16	16-bit version of setfsgid() is not supported on your platform
97	setregid02_16	16-bit version of setfsgid() is not supported on your platform
98	setregid03_16	16-bit version of setfsgid() is not supported on your platform
99	setregid04_16	16-bit version of setfsgid() is not supported on your platform
100	setresgid01_16	16-bit version of setfsgid() is not supported on your platform
101	setresgid03_16	16-bit version of setfsgid() is not supported on your platform
102	setresgid04_16	16-bit version of setfsgid() is not supported on your platform
103	setresuid01_16	16-bit version of setfsgid() is not supported on your platform
104	setresuid02_16	16-bit version of setfsgid() is not supported on your platform

104	setresuid03_16	16-bit version of setfsgid() is not supported on your platform
106	setresuid04_16	16-bit version of setfsgid() is not supported on your platform

107	setresuid05_16	16-bit version of setfsgid() is not supported on your platform
108	setreuid01_16	16-bit version of setfsgid() is not supported on your platform
109	setreuid02_16	16-bit version of setfsgid() is not supported on your platform
110	setreuid03_16	16-bit version of setfsgid() is not supported on your platform
111	setreuid04_16	16-bit version of setfsgid() is not supported on your platform
114	setreuid06_16	16-bit version of setfsgid() is not supported on your platform
115	setreuid07_16	16-bit version of setfsgid() is not supported on your platform
116	set_thread_area01	set_thread_area isn't available for this architecture
117	setuid01_16	16-bit version of setfsgid() is not supported on your platform
118	setuid03_16	16-bit version of setfsgid() is not supported on your platform
119	setuid04_16	16-bit version of setfsgid() is not supported on your

		platform
120	signal06	Only test on x86_64.
121	socketcall01	The socketcall() syscall is not supported
122	ssetmask01	_NR_ssetmask not supported on your arch

123	sysctl01	This test needs a kernel that has sysctl syscall.
124	sysctl03	This test needs a kernel that has sysctl syscall.
125	sysctl04	This test needs a kernel that has sysctl syscall.
126	sysfs01	NR_sysfs not supported on your arch
127	sysfs02	NR_sysfs not supported on your arch
128	sysfs03	NR_sysfs not supported on your arch
129	sysfs04	NR_sysfs not supported on your arch
130	sysfs05	NR_sysfs not supported on your arch
131	sysfs06	NR_sysfs not supported on your arch
132	ustat01	system doesn't have ustat() support
133	ustat02	system doesn't have ustat() support
134	futex_wake04	Huge page is not supported.

135	acct02	TCONF: Less than 4.1% (4.01) of free space on

		filesystem
136	bind06	TCONF: Aborting due to unsuitable kernel config
137	cacheflush01	system doesn't support cacheflush()
138	clock_nanosleep03	TCONF: Aborting due to unsuitable kernel config
139	clock_gettime03	TCONF: Aborting due to unsuitable kernel config
140	clock_gettime04	TCONF: Aborting due to unsuitable kernel config
141	close_range01	__NR_close_range not supported
142	close_range02	__NR_close_range not supported
143	delete_module01	TCONF: Failed to find module 'dummy_del_mod.ko'
144	delete_module03	TCONF: Failed to find module 'dummy_del_mod.ko'
145	finit_module01	TCONF: Failed to find module 'finit_module.ko'
146	finit_module02	TCONF: Failed to find module 'finit_module.ko'
147	getresgid01_16	16-bit version of getresgid() is not supported on your platform
148	getresgid02_16	16-bit version of getresgid() is not supported on your platform
149	getresgid03_16	16-bit version of getresgid() is not supported on your platform
150	getresuid01_16	16-bit version of getresgid() is not supported on your platform
151	getresuid02_16	16-bit version of getresgid() is

		not supported on your platform
152	getresuid03_16	16-bit version of getresgid() is not supported on your platform
153	get_mempolicy02	TCONF: test requires libnuma development packages with LIBNUMA_API_VERSION >= 2
154	getxattr05	TCONF: <sys/xattr.h> or <sys/acl.h> does not exist.

155	init_module01	TCONF: Failed to find module 'init_module.ko'
156	init_module02	TCONF: Failed to find module 'init_module.ko'
157	ioctl08	TCONF: Couldn't find 'mkfs.btrfs' in $PATH at tst_cmd.c:64
158	ioctl_sg01	TCONF: Could not find any usable SCSI device
159	fanotify16	TCONF: FAN_REPORT_DIR_FID not supported in kernel
160	fanotify18	TCONF: FAN_REPORT_DIR_FID not supported in kernel
161	fanotify19	TCONF: FAN_REPORT_DIR_FID not supported in kernel
162	ioperm01	TCONF: LSB v1.3 does not specify ioperm() for this architecture
163	ioperm02	TCONF: LSB v1.3 does not specify ioperm() for this architecture

164	iopl01	TCONF: LSB v1.3 does not specify iopl() for this architecture
165	iopl02	TCONF: LSB v1.3 does not specify iopl() for this architecture
166	io_pgetevents01	error while loading shared libraries: libaio.so.1: cannot open shared object file
167	io_pgetevents02	error while loading shared libraries: libaio.so.1: cannot open shared object file
168	mbind02	TCONF: test requires libnuma development packages with LIBNUMA_API_VERSION >= 2
169	mbind03	TCONF: test requires libnuma development packages with LIBNUMA_API_VERSION >= 2
170	mbind04	TCONF: test requires libnuma development packages with LIBNUMA_API_VERSION >= 2
171	migrate_pages03	TCONF: require libnuma >= 2 and it's development packages
172	pkey01	TCONF: syscall(289) __NR_pkey_alloc not supported
173	msgctl05	TCONF: test requires struct msqid64_ds to have the time_high fields
174	msgget04	TCONF: Aborting due to unsuitable kernel config

175	msgget05	TCONF: Aborting due to unsuitable kernel config
176	msgrcv03	TCONF: Aborting due to unsuitable kernel config
177	openat201	TCONF: Test not supported on kernel version
178	openat202	TCONF: Test not supported on kernel version
179	openat203	TCONF: Test not supported on kernel version
180	pidfd_send_signal03	TCONF: /proc/sys/kernel/ns_last_pid does not exist, cannot set PIDs
191	prctl07	TCONF: libcap devel files missing during compilation
192	ptrace08	TCONF: This test is only supported on x86 systems
193	ptrace09	TCONF: This test is only supported on x86 systems
194	ptrace10	TCONF: This test is only supported on x86 systems
195	quotactl05	TCONF: This system didn't have <xfs/xqm.h>
196	quotactl06	TCONF: This system didn't have <xfs/xqm.h>
197	quotactl07	TCONF: This system didn't have <xfs/xqm.h>
198	semctl08	TCONF: test requires struct semid64_ds to have the time_high fields
199	sendto03	TCONF: Aborting due to unsuitable kernel config
200	set_mempolicy01	TCONF: test requires libnuma development packages with

		LIBNUMA_API_VERSION >= 2
201	set_mempolicy02	TCONF: test requires libnuma development packages with LIBNUMA_API_VERSION >= 2
202	set_mempolicy03	TCONF: test requires libnuma development packages with LIBNUMA_API_VERSION >= 2
203	set_mempolicy04	TCONF: test requires libnuma development packages with LIBNUMA_API_VERSION >= 2
204	socketcall02	__NR_socketcall not supported

205	socketcall03	__NR_socketcall not supported
206	sysinfo03	TCONF: Aborting due to unsuitable kernel config
207	timerfd04	TCONF: Aborting due to unsuitable kernel config
208	userfaultfd01	__NR_userfaultfd not supporte
209	memfd_create03	TCONF: Huge page is not supported
210	memfd_create04	TCONF: Huge page is not supported
211	statx07	TCONF: exportfs -i -o no_root_squash,rw,sync,no_subtree_check,fsid=27914 *:/tmp/XZPNE8/server not found
212	clock_nanosleep03	TCONF: Aborting due to unsuitable kernel config
213	clock_gettime03	TCONF: Aborting due to unsuitable kernel config

214	clock_gettime04	TCONF: Aborting due to unsuitable kernel config
215	close_range01	__NR_close_range not supported
216	close_range02	__NR_close_range not supported

TFAIL TEST

TFAIL TEST ERROR :04 test cases failed on execution

s.no	TESTCASES	ERROR
01	bpf_prog05	missing kernel fixes
02	msgstress03	TFAIL : msgstress03.c:157: Fork failed (may be OK if under stress)
03	msgstress04	TFAIL : msgstress03.c:157: Fork failed (may be OK if under stress)
04	io_uring02	missing kernel fixes

TBROK AND TWARN TESTS

TBROK AND TWARN TESTS TEST ERROR :02 test cases failed on execution

s.no	TESTCASES	ERROR
01	Ioctl_loop05 (TWARN)	TWARN: stat(/dev/root) failed: ENOENT (2)
02	leapsec01(TBROK)	TBROK: adjtimex status 8208 not set

SUMMARIZE:
TOTAL TEST EXECUTED :1344

TOTAL TEST PASSED   :1122

TOTAL TEST FAILED   :222

TEST FAILED ON 3 OCCASIONAL:

TEST FAILED REPORT ON TCONF   =216
TEST FAILED REPORT 0N TFAIL   =4
TEST FAILED REPORT ON TBROK&TWARN =2