Test Plan for Base Port

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1 Outline

This document is for the Base Port (including MSL) in Linux kernel of MVF TOWER BOARD (XTWR-VF600) with VF6XX SoC, and describes test plan for each API and feature of such unit.

2 Test Environment

Toolchain: The latest Linaro toolchain
Bootloader: u-boot 2011.12
Kernel: Freescale i.MX Linux 3.0.15 kernel
Rootfs: rootfs on NFS

3 Target Module of the Test

Platform Core
MSL
Posix Timer
Clock

NOTE:
Memory map of peripheral devices must be able to access to relevant driver register.
Tests of driver-dependent codes are included in the test of each driver (IOMUX, GPIO, DMA and such).

4 Test Plan

Carry out both basic test using busybox/memtool and test by LTP.

5 Test Tools

busybox
memtool
ltp

NOTE:
memtool command is ported from the imx-test-12.03.00 package of sample BSP (L3.0.15_12.03.00_SS_source.tar.gz).
LTP is Timesys LinuxLink ltp-20100430.
Refer to the following page for details of LTP.
http://ltp.sourceforge.net/

Test Plan for Base Port

Datails

No.	Head	Item	Procedure	Points to be checked	Judge	Note
1	Clock/posix timer	Clock, posix timer	Execute following command on the target's console. # date; sleep 60; date	Sleep command terminates after specified periods. (time with a stopwatch) Verify time course of sleep by comparing date command output between before and after sleep command.	OK	
2	Memory	Read/write	Execute memtool command on the target's console. e.g.) # ./memtool -32 0x82000000 1 # ./memtool -32 0x82000000=0xAABBCCDD # ./memtool -32 0x82000000 1	Arbitrary memory address (that is free of untoward effects) can be read and written.	OK	
3	L2 Cache	L2 Cache	Boot kernel (with CONFIG_CACHE_L2X0 option enabled) on the target.	Kernel works properly.	OK	
4	LTP	Basic functions of the kernel	Execute following commands on the target's console. # cd /usr/local/ltp # ./runltp	Implemented functions pass relevant tests in LTP.	OK: 1145 NG: 77	Refer to the Log sheet for passing status of each test item. For failed items, confirm the following points hereafter. - Necessary kernel configuration is ON - Relevant system call is supported by this kernel version - Possible inconsistency of system call specs between LTP-expected and this kernel version - Impact of NFS rootfs - Executed commands/command options are supported by busybox - Necessary packages are installed in rootfs - All other environment settings are correct for testing The test items below are unadministered for Release 1 due to the problem that test process hangs in mid-flow. - controllers - memcg_stress - memcg_control - mtest05 - runipcnstest.sh - runnetnstest.sh - test_fs_bind.sh

Test Plan for Base Port
Log

```
Test Start Time: Thu Jan  1 00:19:15 1970
--------------------------------------------
Testcase              Result      Exit Value
--------              ------      ----------
abort01               PASS        0
accept01              PASS        0
accept4_01            PASS        0
access01              PASS        0
access02              PASS        0
access03              PASS        0
access04              PASS        0
access05              PASS        0
acct01                PASS        0
acct02                PASS        0
add_key01             PASS        0
add_key02             PASS        0
adjtimex01            PASS        0
adjtimex02            PASS        0
alarm01               PASS        0
alarm02               PASS        0
alarm03               PASS        0
alarm05               PASS        0
alarm06               PASS        0
alarm07               PASS        0
asyncio02             PASS        0
bind01                FAIL        2
bind02                PASS        0
bdflush01             PASS        0
brk01                 PASS        0
capget01              PASS        0
capget02              PASS        0
capset01              PASS        0
capset02              PASS        0
cacheflush01          PASS        0
chdir01               PASS        0
chdir01A              PASS        0
chdir02               PASS        0
chdir03               PASS        0
chdir04               PASS        0
chmod01               PASS        0
chmod01A              PASS        0
chmod02               PASS        0
chmod03               PASS        0
chmod04               PASS        0
chmod05               PASS        0
chmod06               PASS        0
chmod07               PASS        0
chown01               PASS        0
chown01_16            PASS        0
chown02               PASS        0
chown02_16            PASS        0
chown03               PASS        0
chown03_16            PASS        0
chown04               PASS        0
chown04_16            PASS        0
```

chown05	PASS	0
chown05_16	PASS	0
chroot01	PASS	0
chroot02	PASS	0
chroot03	PASS	0
chroot04	PASS	0
clock_getres01	PASS	0
clock_nanosleep01	PASS	0
clock_nanosleep2_01	PASS	0
clone01	PASS	0
clone02	PASS	0
clone03	FAIL	1
clone04	PASS	0
clone05	PASS	0
clone06	FAIL	1
clone07	PASS	0
close01	PASS	0
close02	PASS	0
close08	PASS	0
confstr01	PASS	0
connect01	PASS	0
creat01	PASS	0
creat03	PASS	0
creat04	PASS	0
creat05	PASS	0
creat06	PASS	0
creat07	PASS	0
creat08	PASS	0
creat09	PASS	0
dup01	PASS	0
dup02	PASS	0
dup03	PASS	0
dup04	PASS	0
dup05	PASS	0
dup06	PASS	0
dup07	PASS	0
dup201	PASS	0
dup202	PASS	0
dup203	PASS	0
dup204	PASS	0
dup205	PASS	0
dup3_01	PASS	0
epoll_create1_01	PASS	0
epoll01	PASS	0
eventfd01	PASS	0
eventfd2_01	PASS	0
eventfd2_02	PASS	0
eventfd2_03	PASS	0
execl01	PASS	0
execle01	PASS	0
execlp01	PASS	0
execv01	PASS	0
execve01	PASS	0
execve02	PASS	0
execve03	PASS	0
execve04	PASS	0
execve05	PASS	0
execvp01	PASS	0
exit01	PASS	0

```
exit02              PASS     0
exit_group01         PASS      0
faccessat01          PASS      0
fallocate01         FAIL     1
fallocate02         FAIL     1
fallocate03         FAIL     1
posix_fadvise01      PASS      0
posix_fadvise01_64    PASS       0
posix_fadvise02      PASS      0
posix_fadvise02_64    PASS       0
posix_fadvise03      PASS      0
posix_fadvise03_64    PASS       0
posix_fadvise04      PASS      0
posix_fadvise04_64    PASS       0
fchdir01            PASS     0
fchdir02            PASS     0
fchdir03            PASS     0
fchmod01             PASS      0
fchmod02             PASS      0
fchmod03             PASS      0
fchmod04             PASS      0
fchmod05             PASS      0
fchmod06             PASS      0
fchmod07             PASS      0
fchmodat01           PASS      0
fchown01             PASS      0
fchown01_16          PASS       0
fchown02             PASS      0
fchown02_16          PASS       0
fchown03             PASS      0
fchown03_16          PASS       0
fchown04             PASS      0
fchown04_16          PASS       0
fchown05             PASS      0
fchown05_16          PASS       0
fchownat01           PASS       0
fcntl01             PASS     0
fcntl01_64           PASS      0
fcntl02             PASS     0
fcntl02_64           PASS      0
fcntl03             PASS     0
fcntl03_64           PASS      0
fcntl04             PASS     0
fcntl04_64           PASS      0
fcntl05             PASS     0
fcntl05_64           PASS      0
fcntl06             PASS     0
fcntl06_64           PASS      0
fcntl07             PASS     0
fcntl07_64           PASS      0
fcntl07B             PASS      0
fcntl07B_64           PASS       0
fcntl08             PASS     0
fcntl08_64           PASS      0
fcntl09             PASS     0
fcntl09_64           PASS      0
fcntl10             PASS     0
fcntl10_64           PASS      0
fcntl11             PASS     0
```

fcntl11_64	PASS	0
fcntl12	PASS	0
fcntl12_64	PASS	0
fcntl13	PASS	0
fcntl13_64	PASS	0
fcntl14	PASS	0
fcntl14_64	PASS	0
fcntl15	PASS	0
fcntl15_64	PASS	0
fcntl16	PASS	0
fcntl16_64	PASS	0
fcntl17	PASS	0
fcntl17_64	PASS	0
fcntl18	PASS	0
fcntl18_64	PASS	0
fcntl19	PASS	0
fcntl19_64	PASS	0
fcntl20	PASS	0
fcntl20_64	PASS	0
fcntl21	PASS	0
fcntl21_64	PASS	0
fcntl22	PASS	0
fcntl22_64	PASS	0
fcntl23	PASS	0
fcntl23_64	PASS	0
fcntl24	PASS	0
fcntl24_64	PASS	0
fcntl25	PASS	0
fcntl25_64	PASS	0
fcntl26	PASS	0
fcntl26_64	PASS	0
fcntl27	PASS	0
fcntl27_64	PASS	0
fcntl28	PASS	0
fcntl28_64	PASS	0
fdatasync01	PASS	0
fdatasync02	PASS	0
flock01	PASS	0
flock02	PASS	0
flock03	PASS	0
flock04	PASS	0
flock05	PASS	0
flock06	PASS	0
fmtmsg01	PASS	0
fork01	PASS	0
fork02	PASS	0
fork03	PASS	0
fork04	PASS	0
fork05	PASS	0
fork06	PASS	0
fork07	PASS	0
fork08	PASS	0
fork09	PASS	0
fork10	PASS	0
fork11	PASS	0
fpathconf01	PASS	0
fstat01	PASS	0
fstat01_64	PASS	0
fstat02	PASS	0

fstat02_64	PASS	0
fstat03	PASS	0
fstat03_64	PASS	0
fstat04	PASS	0
fstat04_64	PASS	0
fstat05	PASS	0
fstat05_64	PASS	0
fstatat01	PASS	0
fstatat01_64	PASS	0
fstatfs01	PASS	0
fstatfs01_64	PASS	0
fstatfs02	PASS	0
fstatfs02_64	PASS	0
fsync01	PASS	0
fsync02	PASS	0
fsync03	PASS	0
ftruncate01	PASS	0
ftruncate01_64	PASS	0
ftruncate02	PASS	0
ftruncate02_64	PASS	0
ftruncate03	PASS	0
ftruncate03_64	PASS	0
ftruncate04	PASS	0
ftruncate04_64	PASS	0
futimesat01	PASS	0
getcontext01	FAIL	1
getcpu01	PASS	0
getcwd01	PASS	0
getcwd02	PASS	0
getcwd03	PASS	0
getdents01	PASS	0
getdents01_64	PASS	0
getdents02	PASS	0
getdents02_64	PASS	0
getdents03	PASS	0
getdents03_64	PASS	0
getdents04	PASS	0
getdents04_64	PASS	0
getdomainname01	PASS	0
getdtablesize01	PASS	0
getegid01	PASS	0
getegid01_16	PASS	0
getegid02	PASS	0
getegid02_16	PASS	0
geteuid01	PASS	0
geteuid01_16	PASS	0
getgid01	PASS	0
getgid01_16	PASS	0
getgid03	PASS	0
getgid03_16	PASS	0
getgroups01	PASS	0
getgroups01_16	PASS	0
getgroups02	PASS	0
getgroups02_16	PASS	0
getgroups03	PASS	0
getgroups03_16	PASS	0
getgroups04	PASS	0
getgroups04_16	PASS	0
gethostid01	PASS	0

gethostname01	PASS	0
getitimer01	PASS	0
getitimer02	PASS	0
getitimer03	PASS	0
getpagesize01	PASS	0
getpeername01	FAIL	2
getpgid01	PASS	0
getpgid02	PASS	0
getpgrp01	PASS	0
getpid01	PASS	0
getpid02	PASS	0
getppid01	PASS	0
getppid02	PASS	0
getpriority01	PASS	0
getpriority02	PASS	0
getresgid01	PASS	0
getresgid02	PASS	0
getresgid03	PASS	0
getresuid01	PASS	0
getresuid02	PASS	0
getresuid03	PASS	0
getrlimit01	PASS	0
getrlimit02	PASS	0
get_mempolicy01	PASS	0
get_robust_list01	PASS	0
getrusage01	PASS	0
getrusage02	PASS	0
getsid01	PASS	0
getsid02	PASS	0
getsockname01	PASS	0
getsockopt01	PASS	0
gettid01	PASS	0
gettimeofday01	PASS	0
gettimeofday02	PASS	0
getuid01	PASS	0
getuid01_16	PASS	0
getuid02	PASS	0
getuid02_16	PASS	0
getuid03	PASS	0
getuid03_16	PASS	0
ioctl01_02	PASS	0
ioctl03	PASS	0
inotify_init1_01	PASS	0
inotify_init1_02	PASS	0
inotify01	PASS	0
inotify02	PASS	0
ioperm01	PASS	0
ioperm02	PASS	0
iopl01	PASS	0
iopl02	PASS	0
io_cancel01	PASS	0
io_destroy01	PASS	0
io_getevents01	PASS	0
io_setup01	PASS	0
io_submit01	PASS	0
keyctl01	PASS	0
kill01	PASS	0
kill02	PASS	0
kill03	PASS	0

kill04	PASS	0
kill05	PASS	0
kill06	PASS	0
kill07	PASS	0
kill08	PASS	0
kill09	PASS	0
kill10	PASS	0
kill11	PASS	0
kill12	PASS	0
lchown01	PASS	0
lchown01_16	PASS	0
lchown02	PASS	0
lchown02_16	PASS	0
libevent01	PASS	0
link01	PASS	0
link02	PASS	0
link03	PASS	0
link04	PASS	0
link05	PASS	0
link06	PASS	0
link07	PASS	0
linkat01	PASS	0
listen01	PASS	0
llseek01	PASS	0
llseek02	PASS	0
lseek01	PASS	0
lseek02	PASS	0
lseek03	PASS	0
lseek04	PASS	0
lseek05	PASS	0
lseek06	PASS	0
lseek07	PASS	0
lseek08	PASS	0
lseek09	PASS	0
lseek10	PASS	0
lstat01A	PASS	0
lstat01A_64	PASS	0
lstat01	PASS	0
lstat01_64	PASS	0
lstat02	PASS	0
lstat02_64	PASS	0
lstat03	PASS	0
lstat03_64	PASS	0
mallopt01	PASS	0
mbind01	PASS	0
memset01	PASS	0
memcmp01	PASS	0
memcpy01	PASS	0
mlockall01	PASS	0
mlockall02	PASS	0
mlockall03	PASS	0
mkdir01	PASS	0
mkdir02	PASS	0
mkdir03	PASS	0
mkdir04	PASS	0
mkdir05	PASS	0
mkdir05A	PASS	0
mkdir08	PASS	0
mkdir09	PASS	0

mkdirat01	PASS	0
mknod01	PASS	0
mknod02	PASS	0
mknod03	PASS	0
mknod04	PASS	0
mknod05	PASS	0
mknod06	PASS	0
mknod07	PASS	0
mknod08	PASS	0
mknod09	PASS	0
mknodat01	PASS	0
mlock01	PASS	0
mlock02	PASS	0
qmm01	PASS	0
mmap01	PASS	0
mmap02	PASS	0
mmap03	PASS	0
mmap04	PASS	0
mmap05	PASS	0
mmap06	PASS	0
mmap07	PASS	0
mmap08	PASS	0
mmap09	PASS	0
modify_ldt01	PASS	0
modify_ldt02	PASS	0
mount1234	PASS	0
move_pages01	PASS	0
move_pages02	PASS	0
move_pages03	PASS	0
move_pages04	PASS	0
move_pages05	PASS	0
move_pages06	PASS	0
move_pages07	PASS	0
move_pages08	PASS	0
move_pages09	PASS	0
move_pages10	PASS	0
move_pages11	PASS	0
mprotect01	PASS	0
mprotect02	PASS	0
mprotect03	PASS	0
mq_notify01	PASS	0
mq_open01	PASS	0
mq_timedreceive01	PASS	0
mq_timedsend01	PASS	0
mq_unlink01	PASS	0
mremap01	PASS	0
mremap02	PASS	0
mremap03	PASS	0
mremap04	PASS	0
msgctl01	PASS	0
msgctl02	PASS	0
msgctl03	PASS	0
msgctl04	PASS	0
msgctl05	PASS	0
msgctl06	PASS	0
msgctl07	PASS	0
msgctl08	PASS	0
msgctl09	PASS	0
msgctl10	PASS	0

msgctl11	PASS	0
msgget01	PASS	0
msgget02	PASS	0
msgget03	PASS	0
msgget04	PASS	0
msgrcv01	PASS	0
msgrcv02	PASS	0
msgrcv03	PASS	0
msgrcv04	PASS	0
msgrcv05	PASS	0
msgrcv06	PASS	0
msgsnd01	PASS	0
msgsnd02	PASS	0
msgsnd03	PASS	0
msgsnd04	PASS	0
msgsnd05	PASS	0
msgsnd06	PASS	0
msync01	PASS	0
msync02	PASS	0
msync03	PASS	0
msync04	PASS	0
msync05	PASS	0
munlock01	PASS	0
munlock02	PASS	0
munlockall01	PASS	0
munlockall02	PASS	0
munmap01	PASS	0
munmap02	PASS	0
munmap03	PASS	0
nanosleep01	PASS	0
nanosleep02	PASS	0
nanosleep03	PASS	0
nanosleep04	PASS	0
nftw01	PASS	0
nftw6401	PASS	0
nice01	PASS	0
nice02	PASS	0
nice03	PASS	0
nice04	PASS	0
nice05	PASS	0
open01	PASS	0
open01A	PASS	0
open02	PASS	0
open03	PASS	0
open04	PASS	0
open05	PASS	0
open06	PASS	0
open07	PASS	0
open08	PASS	0
open09	PASS	0
open10	PASS	0
openat01	PASS	0
mincore01	PASS	0
mincore02	PASS	0
madvise01	PASS	0
madvise02	PASS	0
madvise03	PASS	0
newuname01	PASS	0
pathconf01	PASS	0

pause01	PASS	0
pause02	PASS	0
pause03	PASS	0
pipe01	PASS	0
pipe02	PASS	0
pipe03	PASS	0
pipe04	PASS	0
pipe05	PASS	0
pipe06	PASS	0
pipe07	PASS	0
pipe08	PASS	0
pipe09	PASS	0
pipe10	PASS	0
pipe11	PASS	0
pipe2_01	PASS	0
pipe2_02	PASS	0
poll01	PASS	0
ppoll01	PASS	0
prctl01	PASS	0
prctl02	PASS	0
pread01	PASS	0
pread01_64	PASS	0
pread02	PASS	0
pread02_64	PASS	0
pread03	PASS	0
pread03_64	PASS	0
profil01	PASS	0
pselect01	PASS	0
pselect01_64	PASS	0
ptrace01	PASS	0
ptrace02	PASS	0
ptrace03	PASS	0
ptrace04	PASS	0
ptrace05	PASS	0
pwrite01	PASS	0
pwrite02	PASS	0
pwrite03	PASS	0
pwrite04	PASS	0
quotactl01	PASS	0
read01	PASS	0
read02	PASS	0
read03	PASS	0
read04	PASS	0
readdir01	PASS	0
readdir02	PASS	0
readlink01A	PASS	0
readlink01	PASS	0
readlink02	PASS	0
readlink03	PASS	0
readlink04	PASS	0
readlinkat01	PASS	0
readv01	PASS	0
readv02	PASS	0
readv03	PASS	0
reboot01	PASS	0
reboot02	PASS	0
recv01	PASS	0
recvfrom01	PASS	0
recvmsg01	FAIL	9

remap_file_pages01	PASS	0
remap_file_pages02	PASS	0
rename01	PASS	0
rename01A	PASS	0
rename02	PASS	0
rename03	PASS	0
rename04	PASS	0
rename05	PASS	0
rename06	PASS	0
rename07	PASS	0
rename08	PASS	0
rename09	PASS	0
rename10	PASS	0
rename12	PASS	0
rename13	PASS	0
rename14	PASS	0
renameat01	PASS	0
rmdir01	PASS	0
rmdir02	PASS	0
rmdir03	PASS	0
rmdir03A	PASS	0
rmdir04	PASS	0
rmdir05	PASS	0
rt_sigaction01	PASS	0
rt_sigaction02	PASS	0
rt_sigaction03	PASS	0
rt_sigprocmask01	FAIL	11
rt_sigprocmask02	PASS	0
rt_sigqueueinfo01	PASS	0
rt_sigsuspend01	FAIL	4
sbrk01	PASS	0
sched_get_priority_max01	PASS	0
sched_get_priority_max02	PASS	0
sched_get_priority_min01	PASS	0
sched_get_priority_min02	PASS	0
sched_getparam01	PASS	0
sched_getparam02	PASS	0
sched_getparam03	PASS	0
sched_rr_get_interval01	PASS	0
sched_rr_get_interval02	PASS	0
sched_rr_get_interval03	PASS	0
sched_setparam01	PASS	0
sched_setparam02	PASS	0
sched_setparam03	PASS	0
sched_setparam04	PASS	0
sched_setparam05	PASS	0
sched_getscheduler01	PASS	0
sched_getscheduler02	PASS	0
sched_setscheduler01	PASS	0
sched_setscheduler02	PASS	0
sched_yield01	PASS	0
sched_getaffinity01	PASS	0
select01	PASS	0
select02	PASS	0
select03	PASS	0
semctl01	PASS	0
semctl02	PASS	0
semctl03	PASS	0
semctl04	PASS	0

semctl05	PASS	0
semctl06	PASS	0
semctl07	PASS	0
semget01	PASS	0
semget02	PASS	0
semget03	PASS	0
semget05	PASS	0
semget06	PASS	0
semop01	PASS	0
semop02	PASS	0
semop03	PASS	0
semop04	PASS	0
semop05	PASS	0
send01	PASS	0
sendfile02	PASS	0
sendfile02_64	PASS	0
sendfile03	PASS	0
sendfile03_64	PASS	0
sendfile04	PASS	0
sendfile04_64	PASS	0
sendfile05	PASS	0
sendfile05_64	PASS	0
sendfile06	PASS	0
sendfile06_64	PASS	0
sendfile07	FAIL	2
sendfile07_64	FAIL	2
sendmsg01	FAIL	2
sendto01	PASS	0
setdomainname01	PASS	0
setdomainname02	PASS	0
setdomainname03	PASS	0
setfsgid01	PASS	0
setfsgid01_16	PASS	0
setfsgid02	PASS	0
setfsgid02_16	PASS	0
setfsgid03	PASS	0
setfsgid03_16	PASS	0
setfsuid01	PASS	0
setfsuid01_16	PASS	0
setfsuid02	PASS	0
setfsuid02_16	PASS	0
setfsuid03	PASS	0
setfsuid03_16	PASS	0
setfsuid04	PASS	0
setfsuid04_16	PASS	0
setgid01	PASS	0
setgid01_16	PASS	0
setgid02	PASS	0
setgid02_16	PASS	0
setgid03	PASS	0
setgid03_16	PASS	0
setegid01	PASS	0
sgetmask01	PASS	0
setgroups01	PASS	0
setgroups01_16	PASS	0
setgroups02	PASS	0
setgroups02_16	PASS	0
setgroups03	PASS	0
setgroups03_16	PASS	0

setgroups04	PASS	0
setgroups04_16	PASS	0
sethostname01	PASS	0
sethostname02	PASS	0
sethostname03	PASS	0
setitimer01	PASS	0
setitimer02	PASS	0
setitimer03	PASS	0
setpgid01	PASS	0
setpgid02	PASS	0
setpgid03	PASS	0
setpgrp01	PASS	0
setpgrp02	PASS	0
setpriority01	PASS	0
setpriority02	PASS	0
setpriority03	PASS	0
setpriority04	PASS	0
setpriority05	PASS	0
setregid01	PASS	0
setregid01_16	PASS	0
setregid02	PASS	0
setregid02_16	PASS	0
setregid03	PASS	0
setregid03_16	PASS	0
setregid04	PASS	0
setregid04_16	PASS	0
setresgid01	PASS	0
setresgid01_16	PASS	0
setresgid02	PASS	0
setresgid02_16	PASS	0
setresgid03	PASS	0
setresgid03_16	PASS	0
setresuid01	PASS	0
setresuid01_16	PASS	0
setresuid02	PASS	0
setresuid02_16	PASS	0
setresuid03	PASS	0
setresuid03_16	PASS	0
setresuid04	PASS	0
setresuid04_16	PASS	0
setreuid01	PASS	0
setreuid01_16	PASS	0
setreuid02	PASS	0
setreuid02_16	PASS	0
setreuid03	PASS	0
setreuid03_16	PASS	0
setreuid04	PASS	0
setreuid04_16	PASS	0
setreuid05	PASS	0
setreuid05_16	PASS	0
setreuid06	PASS	0
setreuid06_16	PASS	0
setreuid07	PASS	0
setreuid07_16	PASS	0
setrlimit01	PASS	0
setrlimit02	PASS	0
setrlimit03	PASS	0
set_robust_list01	PASS	0
set_thread_area01	PASS	0

set_thread_area02	PASS	0
set_tid_address01	PASS	0
setsid01	PASS	0
setsockopt01	PASS	0
settimeofday01	PASS	0
settimeofday02	PASS	0
setuid01	PASS	0
setuid01_16	PASS	0
setuid02	PASS	0
setuid02_16	PASS	0
setuid03	PASS	0
setuid03_16	PASS	0
setuid04	PASS	0
setuid04_16	PASS	0
shmat01	PASS	0
shmat02	PASS	0
shmat03	PASS	0
shmctl01	PASS	0
shmctl02	PASS	0
shmctl03	PASS	0
shmctl04	PASS	0
shmdt01	PASS	0
shmdt02	PASS	0
shmget01	PASS	0
shmget02	PASS	0
shmget03	PASS	0
shmget04	PASS	0
shmget05	PASS	0
sigaction01	PASS	0
sigaction02	PASS	0
sigaltstack01	PASS	0
sigaltstack02	PASS	0
sighold02	PASS	0
signal01	PASS	0
signal02	PASS	0
signal03	PASS	0
signal04	PASS	0
signal05	PASS	0
signalfd01	PASS	0
signalfd4_01	PASS	0
signalfd4_02	PASS	0
sigpending02	PASS	0
sigprocmask01	PASS	0
sigrelse01	PASS	0
sigsuspend01	PASS	0
socket01	FAIL	1
socket02	FAIL	2
socket03	PASS	0
socketcall01	PASS	0
socketcall02	PASS	0
socketcall03	PASS	0
socketcall04	PASS	0
socketpair01	FAIL	1
socketpair02	FAIL	1
sockioctl01	FAIL	1
splice01	PASS	0
splice02	FAIL	1
tee01	PASS	0
ssetmask01	PASS	0

stat01	PASS	0
stat01_64	PASS	0
stat02	PASS	0
stat02_64	PASS	0
stat03	PASS	0
stat03_64	PASS	0
stat04	PASS	0
stat04_64	PASS	0
stat05	PASS	0
stat05_64	PASS	0
stat06	PASS	0
stat06_64	PASS	0
statfs01	PASS	0
statfs01_64	PASS	0
statfs02	PASS	0
statfs02_64	PASS	0
statfs03	PASS	0
statfs03_64	PASS	0
statvfs01	PASS	0
stime01	PASS	0
stime02	PASS	0
string01	PASS	0
swapoff01	PASS	0
swapoff02	PASS	0
swapon01	PASS	0
swapon02	PASS	0
swapon03	PASS	0
switch01	PASS	0
symlink01	PASS	0
symlink02	PASS	0
symlink03	PASS	0
symlink04	PASS	0
symlink05	PASS	0
symlinkat01	PASS	0
sync01	PASS	0
sync02	PASS	0
sync_file_range01	PASS	0
syscall01	PASS	0
sysconf01	PASS	0
sysctl01	PASS	0
sysctl03	FAIL	1
sysctl04	PASS	0
sysctl05	PASS	0
sysfs01	PASS	0
sysfs02	PASS	0
sysfs03	PASS	0
sysfs04	PASS	0
sysfs05	PASS	0
sysfs06	PASS	0
sysinfo01	PASS	0
sysinfo02	PASS	0
syslog01	FAIL	1
syslog02	FAIL	1
syslog03	FAIL	1
syslog04	FAIL	1
syslog05	FAIL	1
syslog06	FAIL	1
syslog07	FAIL	1
syslog08	FAIL	1

syslog09	FAIL	1
syslog10	FAIL	1
syslog11	PASS	0
syslog12	PASS	0
time01	PASS	0
time02	PASS	0
times01	PASS	0
times03	PASS	0
timerfd01	PASS	0
timerfd02	PASS	0
timerfd03	PASS	0
timer_getoverrun01	PASS	0
timer_gettime01	PASS	0
tkill01	PASS	0
tkill02	PASS	0
truncate01	PASS	0
truncate01_64	PASS	0
truncate02	PASS	0
truncate02_64	PASS	0
truncate03	PASS	0
truncate03_64	PASS	0
truncate04	PASS	0
truncate04_64	PASS	0
ulimit01	PASS	0
umask01	PASS	0
umask02	PASS	0
umask03	PASS	0
uname01	PASS	0
uname02	PASS	0
uname03	PASS	0
unlink01	PASS	0
unlink05	PASS	0
unlink06	PASS	0
unlink07	PASS	0
unlink08	PASS	0
unlinkat01	PASS	0
unshare01	PASS	0
unshare02	PASS	0
umount123	PASS	0
ustat01	PASS	0
ustat02	PASS	0
utime01	PASS	0
utime01A	PASS	0
utime02	PASS	0
utime03	PASS	0
utime04	PASS	0
utime05	PASS	0
utime06	PASS	0
utimes01	PASS	0
utimensat01	FAIL	1
vfork01	PASS	0
vfork02	PASS	0
vhangup01	PASS	0
vhangup02	PASS	0
vmsplice01	PASS	0
wait02	PASS	0
wait401	PASS	0
wait402	PASS	0
waitpid01	PASS	0

waitpid02	PASS	0
waitpid03	PASS	0
waitpid04	PASS	0
waitpid05	PASS	0
waitpid06	PASS	0
waitpid07	PASS	0
waitpid08	PASS	0
waitpid09	PASS	0
waitpid10	PASS	0
waitpid11	PASS	0
waitpid12	PASS	0
waitpid13	PASS	0
waitid01	PASS	0
waitid02	PASS	0
write01	PASS	0
write02	PASS	0
write03	PASS	0
write04	PASS	0
write05	PASS	0
writev01	PASS	0
writev02	PASS	0
writev03	PASS	0
writev04	PASS	0
writev05	PASS	0
writev06	PASS	0
gf01	PASS	0
gf02	PASS	0
gf03	PASS	0
gf04	PASS	0
gf05	PASS	0
gf06	PASS	0
gf07	PASS	0
gf08	PASS	0
gf09	PASS	0
gf10	PASS	0
gf11	PASS	0
gf12	PASS	0
gf13	PASS	0
gf14	PASS	0
gf15	PASS	0
gf16	FAIL	1
gf17	FAIL	1
gf18	FAIL	1
gf19	PASS	0
gf20	PASS	0
gf21	PASS	0
gf22	PASS	0
gf23	PASS	0
gf24	PASS	0
gf25	PASS	0
gf26	PASS	0
gf27	PASS	0
gf28	PASS	0
gf29	PASS	0
gf30	PASS	0
rwtest01	PASS	0
rwtest02	PASS	0
rwtest03	PASS	0
rwtest04	PASS	0

rwtest05	PASS	0
iogen01	PASS	0
fs_inod01	PASS	0
linker01	PASS	0
openfile01	PASS	0
inode01	PASS	0
inode02	PASS	0
stream01	PASS	0
stream02	PASS	0
stream03	PASS	0
stream04	PASS	0
stream05	PASS	0
ftest01	PASS	0
ftest02	PASS	0
ftest03	PASS	0
ftest04	PASS	0
ftest05	PASS	0
ftest06	PASS	0
ftest07	PASS	0
ftest08	PASS	0
lftest01	PASS	0
writetest01	PASS	0
fs_di	FAIL	1
fs_perms	PASS	0
proc01	FAIL	1
fs_racer	PASS	0
quota_remount_test01	PASS	0
fsx-linux	PASS	0
dio01	PASS	0
dio02	PASS	0
dio03	PASS	0
dio04	PASS	0
dio05	PASS	0
dio06	PASS	0
dio07	PASS	0
dio08	PASS	0
dio09	PASS	0
dio10	PASS	0
dio11	PASS	0
dio12	PASS	0
dio13	PASS	0
dio14	PASS	0
dio15	PASS	0
dio16	PASS	0
dio17	PASS	0
dio18	PASS	0
dio19	PASS	0
dio20	PASS	0
dio21	PASS	0
dio22	PASS	0
dio23	PASS	0
dio24	PASS	0
dio25	PASS	0
dio26	PASS	0
dio27	PASS	0
dio28	PASS	0
aio01	PASS	0
aio02	PASS	0
mm01	FAIL	2

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mm02                          PASS      0
mtest01                       PASS      0
mtest01w                      PASS      0
mtest06                       FAIL      255
mtest06_2                     FAIL      255
mtest06_3                     PASS      0
mem01                         PASS      0
mem02                         PASS      0
mem03                         PASS      0
page01                        PASS      0
page02                        PASS      0
data_space                    PASS      0
stack_space                   PASS      0
shmt02                        PASS      0
shmt03                        PASS      0
shmt04                        PASS      0
shmt05                        PASS      0
shmt06                        PASS      0
shmt07                        PASS      0
shmt08                        PASS      0
shmt09                        PASS      0
shmt10                        PASS      0
shm_test01                    PASS      0
mallocstress01                PASS      0
mmapstress01                  PASS      0
mmapstress02                  PASS      0
mmapstress03                  PASS      0
mmapstress04                  PASS      0
mmapstress05                  PASS      0
mmapstress06                  FAIL      1
mmapstress07                  PASS      0
mmapstress08                  PASS      0
mmapstress09                  PASS      0
mmapstress10                  PASS      0
pipeio_1                      PASS      0
pipeio_3                      PASS      0
pipeio_4                      PASS      0
pipeio_5                      PASS      0
pipeio_6                      PASS      0
pipeio_8                      PASS      0
sem01                         PASS      0
sem02                         PASS      0
message_queue_test_01         PASS      0
message_queue_test_02_get     PASS      0
message_queue_test_02_snd     PASS      0
message_queue_test_02_rcv     PASS      0
message_queue_test_02_ctl     PASS      0
message_queue_test_04         PASS      0
message_queue_test_05         PASS      0
pipe_test_01                  PASS      0
pipe_test_02                  PASS      0
semaphore_test_01             PASS      0
semaphore_test_02             PASS      0
semaphore_test_03             PASS      0
shmem_test_01                 PASS      0
shmem_test_02                 PASS      0
shmem_test_03                 PASS      0
shmem_test_04                 PASS      0
shmem_test_05                 PASS      0
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shmem_test_06	PASS	0
shmem_test_07	PASS	0
signal_test_01	PASS	0
signal_test_02	PASS	0
signal_test_03	PASS	0
signal_test_04	PASS	0
signal_test_05	PASS	0
signal_test_06	PASS	0
signal_test_07	PASS	0
pth_str01	PASS	0
pth_str02	PASS	0
pth_str03	PASS	0
time-schedule01	PASS	0
trace_sched01	PASS	0
hackbench01	FAIL	1
hackbench02	FAIL	1
sched_cli_serv	PASS	0
sched_stress	PASS	0
abs01	PASS	0
atof01	PASS	0
float_bessel	PASS	0
float_exp_log	PASS	0
float_iperb	PASS	0
float_power	PASS	0
float_trigo	PASS	0
fptest01	PASS	0
fptest02	PASS	0
nextafter01	PASS	0
nptl01	PASS	0
pty01	PASS	0
ptem01	PASS	0
hangup01	PASS	0
Containers	PASS	0
cgroup	PASS	0
memcg_regression	PASS	0
memcg_function	FAIL	1
cgroup_fj	PASS	0
Filecaps	PASS	0
Cap_bounds	PASS	0
FCNTL_LOCKTESTS	PASS	0
Connectors	PASS	0
su01	FAIL	1
cron02	FAIL	1
cron_deny01	FAIL	1
cron_allow01	FAIL	1
cron_dirs_checks01	FAIL	1
at_deny01	PASS	0
at_allow01	PASS	0
acl_test01	PASS	0
clock_gettime02	PASS	0
clock_gettime03	FAIL	1
clock_settime02	PASS	0
clock_settime03	FAIL	1
timer_create02	PASS	0
timer_create03	PASS	0
timer_create04	FAIL	1
timer_delete02	PASS	0
timer_delete03	PASS	0
timer_settime02	PASS	0

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timer_settime03              PASS        0
POWER_MANAGEMENT                   PASS        0
Numa-testcases               FAIL        1
move_pages01                 PASS        0
move_pages02                 PASS        0
move_pages03                 PASS        0
move_pages04                 PASS        0
move_pages05                 PASS        0
move_pages06                 PASS        0
move_pages07                 PASS        0
move_pages08                 PASS        0
move_pages09                 PASS        0
move_pages10                 PASS        0
move_pages11                 PASS        0
hugemmap01                   FAIL        1
hugemmap02                   FAIL        2
hugemmap03                   PASS        0
hugemmap04                   FAIL        2
hugeshmat01                  FAIL        2
hugeshmat02                  FAIL        2
hugeshmat03                  FAIL        2
hugeshmctl01                 FAIL        2
hugeshmctl02                 FAIL        2
hugeshmctl03                 FAIL        2
hugeshmdt01                  FAIL        2
hugeshmget01                 FAIL        2
hugeshmget02                 FAIL        2
hugeshmget03                 FAIL        2
hugeshmget05                 FAIL        2
ar              FAIL        1
ld              FAIL        1
ldd             FAIL        1
nm              FAIL        1
objdump            FAIL        1
file            FAIL        4
tar             PASS        0
cron            FAIL        4
logrotate           FAIL        1
mail            PASS        0
cpio            FAIL        1
unzip01             PASS        0
gzip01             FAIL        2
cp_tests01          PASS        0
ln_tests01          PASS        0
mkdir_tests01          PASS        0
mv_tests01          PASS        0
size01          PASS        0
smt_smp_enabled            PASS        0
smt_smp_affinity           PASS        0
ht_interrupt            PASS        0


-------------------------------------------------
Total Tests: 1222
Total Failures: 77
Kernel Version: 3.0.15-1244-g34621b4-g43f4495-dirty
Machine Architecture: armv7l
Hostname: twr_vf600
```