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Subject: [PATCH 4/12] signal: Use kill\_pgrp not kill\_pg in the sunos compatibility code.

Posted by [ebiederm](#) on Wed, 13 Dec 2006 11:07:48 GMT

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I am slowly moving to a model where all process killing is struct pid based instead of pid\_t based. The sunos compatibility code is one of the last users of the old pid\_t based kill\_pg in the kernel. By being complete I allow for the future removal of kill\_pg from the kernel, which will ensure I don't miss something.

Signed-off-by: Eric W. Biederman <[ebiederm@xmission.com](mailto:ebiederm@xmission.com)>

```
---
arch/sparc/kernel/sys_sunos.c | 10 ++++++----
arch/sparc64/kernel/sys_sunos32.c | 11 ++++++++--
2 files changed, 15 insertions(+), 6 deletions(-)

diff --git a/arch/sparc/kernel/sys_sunos.c b/arch/sparc/kernel/sys_sunos.c
index 0bf8c16..da6606f 100644
--- a/arch/sparc/kernel/sys_sunos.c
+++ b/arch/sparc/kernel/sys_sunos.c
@@ -859,14 +859,16 @@ asmlinkage int sunos_wait4(pid_t pid, unsigned int __user *stat_addr,
    return ret;
}

-extern int kill_pg(int, int, int);
asmlinkage int sunos_killpg(int pgrp, int sig)
{
    int ret;

-    lock_kernel();
-    ret = kill_pg(pgrp, sig, 0);
-    unlock_kernel();
+    rcu_read_lock();
+    ret = -EINVAL;
+    if (pgrp > 0)
+        ret = kill_pgrp(find_pid(pgrp), sig, 0);
+    rcu_read_unlock();
+
    return ret;
}

diff --git a/arch/sparc64/kernel/sys_sunos32.c b/arch/sparc64/kernel/sys_sunos32.c
index 4446f66..d9280b1 100644
--- a/arch/sparc64/kernel/sys_sunos32.c
+++ b/arch/sparc64/kernel/sys_sunos32.c
@@ -824,10 +824,11 @@ asmlinkage int sunos_wait4(compat_pid_t pid, compat_uint_t __user
```

```
*stat_addr, in
return ret;
}

-extern int kill_pg(int, int, int);
asmlinkage int sunos_killpg(int pgrp, int sig)
{
- return kill_pg(pgrp, sig, 0);
+ int ret;
+
+ rcu_read_lock();
+ ret = -EINVAL;
+ if (pgrp > 0)
+ ret = kill_pgrp(find_pid(pgrp), sig, 0);
+ rcu_read_unlock();
+
+ return ret;
}

asmlinkage int sunos_audit(void)
--
1.4.4.1.g278f
```

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Containers mailing list  
Containers@lists.osdl.org  
<https://lists.osdl.org/mailman/listinfo/containers>

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