
Subject: [PATCH 2/6] c/r: nit to avoid rcu lockdep complaint in
restore_obj_sighand()

Posted by [Oren Laadan](#) on Mon, 07 Feb 2011 17:18:04 GMT

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kernel/signal.c | 7 +++++--

1 files changed, 5 insertions(+), 2 deletions(-)

diff --git a/kernel/signal.c b/kernel/signal.c

index dca40be..3842f5d 100644

--- a/kernel/signal.c

+++ b/kernel/signal.c

@@ -2871,7 +2871,7 @@ static void *restore_sighand(struct ckpt_ctx *ctx)

int restore_obj_sighand(struct ckpt_ctx *ctx, int sighand_objref)

```
{
    struct sighand_struct *sighand;
- struct sighand_struct *old_sighand;
+ struct sighand_struct *old_sighand = NULL;

    sighand = ckpt_obj_fetch(ctx, sighand_objref, CKPT_OBJ_SIGHAND);
    if (IS_ERR(sighand))
@@ -2884,11 +2884,14 @@ int restore_obj_sighand(struct ckpt_ctx *ctx, int sighand_objref)
```

```
/* manipulate task->sighand with tasklist lock write-held */
write_lock_irq(&tasklist_lock);
- old_sighand = rcu_dereference(current->sighand);
+ old_sighand = rcu_dereference_check(current->sighand,
+    rcu_read_lock_held() ||
+    lockdep_is_held(&tasklist_lock));
spin_lock(&old_sighand->siglock);
rcu_assign_pointer(current->sighand, sighand);
spin_unlock(&old_sighand->siglock);
write_unlock_irq(&tasklist_lock);
+
__cleanup_sighand(old_sighand);
```

```
return 0;
```

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1.7.1

Containers mailing list

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