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Subject: [PATCH 0/3] rcu - removing superfluous rcu\_read\_lock\_held check  
Posted by [Jiri Olsa](#) on Mon, 01 Nov 2010 19:15:06 GMT  
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hi,

the rcu\_dereference\_check is defined as

```
#define rcu_dereference_check(p, c) \
    __rcu_dereference_check((p), rcu_read_lock_held() || (c), __rcu)
```

so the caller does not need to specify rcu\_read\_lock\_held()  
condition.

Several places in kernel are specifying rcu\_read\_lock\_held as  
rcu\_dereference\_check condition parameter. I separated them  
into 3 patches:

1/3 - cgroup - removing superfluous rcu\_read\_lock\_held check  
2/3 - kernel,cred,kvm,security - removing superfluous rcu\_read\_lock\_held check  
3/3 - net - removing superfluous rcu\_read\_lock\_held check

sry if I might missed or added somebody wrongly to recipients

wbr,  
jirka

Signed-off-by: Jiri Olsa <jolsa@redhat.com>

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include/linux/cgroup.h	1 -
include/linux/cred.h	1 -
include/linux/fdtable.h	1 -
include/linux/kvm_host.h	1 -
include/linux/rtnetlink.h	3 +--
include/net/sock.h	3 +--
kernel/cgroup.c	6 ++----
kernel/exit.c	1 -
kernel/pid.c	1 -
kernel/rcutorture.c	2 --
net/mac80211/sta_info.c	4 ----
net/netlabel/netlabel_domainhash.c	3 +--
net/netlabel/netlabel_unlabeled.c	3 +--
security/keys/keyring.c	1 -

14 files changed, 6 insertions(+), 25 deletions(-)

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Containers mailing list

