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 spcifying 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>

```
 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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