
Subject: Re: [PATCH v9 0/9] Request for inclusion: per-cgroup tcp memory pressure controls

Posted by [Eric Dumazet](#) on Tue, 13 Dec 2011 13:59:08 GMT

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Le mardi 13 décembre 2011 à 14:49 +0100, Christoph Paasch a écrit :

> now there are plenty of compiler-warnings when CONFIG_CGROUPS is not set:

>

> In file included from include/linux/tcp.h:211:0,

> from include/linux/ipv6.h:221,

> from include/net/ip_vs.h:23,

> from kernel/sysctl_binary.c:6:

> include/net/sock.h:67:57: warning: 'struct cgroup_subsys' declared

> inside parameter list [enabled by default]

> include/net/sock.h:67:57: warning: its scope is only this definition or

> declaration, which is probably not what you want [enabled by default]

> include/net/sock.h:67:57: warning: 'struct cgroup' declared inside

> parameter list [enabled by default]

> include/net/sock.h:68:61: warning: 'struct cgroup_subsys' declared

> inside parameter list [enabled by default]

> include/net/sock.h:68:61: warning: 'struct cgroup' declared inside

> parameter list [enabled by default]

>

>

> Because struct cgroup is only declared if CONFIG_CGROUPS is enabled.

> (cfr. linux/cgroup.h)

>

Yes, we probably need forward reference like this :

Thanks !

[PATCH net-next] net: fix build error if CONFIG_CGROUPS=n

Reported-by: Christoph Paasch <christoph.paasch@uclouvain.be>

Signed-off-by: Eric Dumazet <eric.dumazet@gmail.com>

include/net/sock.h | 2 ++

1 file changed, 2 insertions(+)

diff --git a/include/net/sock.h b/include/net/sock.h

index 18ecc99..6fe0dae 100644

--- a/include/net/sock.h

+++ b/include/net/sock.h

@@ -64,6 +64,8 @@

#include <net/dst.h>

#include <net/checksum.h>

```
+struct cgroup;  
+struct cgroup_subsys;  
int mem_cgroup_sockets_init(struct cgroup *cgrp, struct cgroup_subsys *ss);  
void mem_cgroup_sockets_destroy(struct cgroup *cgrp, struct cgroup_subsys *ss);  
/*
```
