
Subject: [PATCH 2/4 net-2.6.25][UNIX] Move the sysctl_unix_max_dgram_qlen on struct net

Posted by [Pavel Emelianov](#) on Fri, 30 Nov 2007 16:29:03 GMT

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This will make all the sub-namespaces always use the default value (10) and leave the tuning via sysctl to the init namespace only.

Per-namespace tuning is coming.

Signed-off-by: Pavel Emelyanov <xemul@openvz.org>

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

index 235214c..b0cf075 100644

--- a/include/net/net_namespace.h

+++ b/include/net/net_namespace.h

@@ -38,6 +38,9 @@ struct net {

/* List of all packet sockets. */

rwlock_t packet_sklist_lock;

struct hlist_head packet_sklist;

+

+ /* unix sockets */

+ int sysctl_unix_max_dgram_qlen;

};

#ifdef CONFIG_NET

diff --git a/net/unix/af_unix.c b/net/unix/af_unix.c

index a0aa6d3..73620d6 100644

--- a/net/unix/af_unix.c

+++ b/net/unix/af_unix.c

@@ -117,8 +117,6 @@

#include <net/checksum.h>

#include <linux/security.h>

-int sysctl_unix_max_dgram_qlen __read_mostly = 10;

-

static struct hlist_head unix_socket_table[UNIX_HASH_SIZE + 1];

static DEFINE_SPINLOCK(unix_table_lock);

static atomic_t unix_nr_socks = ATOMIC_INIT(0);

@@ -594,7 +592,7 @@ static struct sock * unix_create1(struct net *net, struct socket *sock)
&af_unix_sk_receive_queue_lock_key);

sk->sk_write_space = unix_write_space;

- sk->sk_max_ack_backlog = sysctl_unix_max_dgram_qlen;

+ sk->sk_max_ack_backlog = net->sysctl_unix_max_dgram_qlen;

```

sk->sk_destruct = unix_sock_destructor;
u = unix_sk(sk);
u->dentry = NULL;
@@ -2140,6 +2138,8 @@ static int unix_net_init(struct net *net)
{
    int error = -ENOMEM;

+ net->sysctl_unix_max_dgram_qlen = 10;
+
#ifdef CONFIG_PROC_FS
    if (!proc_net_fops_create(net, "unix", 0, &unix_seq_fops))
        goto out;
diff --git a/net/unix/sysctl_net_unix.c b/net/unix/sysctl_net_unix.c
index b2e0407..c46cec0 100644
--- a/net/unix/sysctl_net_unix.c
+++ b/net/unix/sysctl_net_unix.c
@@ -18,7 +18,7 @@ static ctl_table unix_table[] = {
{
    .ctl_name = NET_UNIX_MAX_DGRAM_QLEN,
    .procname = "max_dgram_qlen",
- .data = &sysctl_unix_max_dgram_qlen,
+ .data = &init_net.sysctl_unix_max_dgram_qlen,
    .maxlen = sizeof(int),
    .mode = 0644,
    .proc_handler = &proc_dointvec
--
1.5.3.4

```

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