
Subject: [PATCH] bluetooth bnep: Convert to kthread API.

Posted by [ebiederm](#) on Thu, 19 Apr 2007 06:55:46 GMT

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From: Eric W. Biederman <ebiederm@xmission.com> - unquoted

This patch starts kbnepd using kthread_run replacing a combination of kernel_thread and daemonize. Making the code a little simpler and more maintainable.

Cc: Marcel Holtmann <marcel@holtmann.org>

Signed-off-by: Eric W. Biederman <ebiederm@xmission.com>

net/bluetooth/bnep/core.c | 8 +++++---

1 files changed, 5 insertions(+), 3 deletions(-)

diff --git a/net/bluetooth/bnep/core.c b/net/bluetooth/bnep/core.c

index a9f1e88..de3caed 100644

--- a/net/bluetooth/bnep/core.c

+++ b/net/bluetooth/bnep/core.c

@ @ -32,6 +32,7 @ @

#include <linux/module.h>

#include <linux/kernel.h>

+#include <linux/kthread.h>

#include <linux/sched.h>

#include <linux/signal.h>

#include <linux/init.h>

@ @ -473,7 +474,6 @ @ static int bnep_session(void *arg)

BT_DBG("");

- daemonize("kbnepd %s", dev->name);

set_user_nice(current, -15);

init_waitqueue_entry(&wait, current);

@ @ -539,6 +539,7 @ @ static struct device *bnep_get_device(struct bnep_session *session)

int bnep_add_connection(struct bnep_connadd_req *req, struct socket *sock)

{

+ struct task_struct *task;

struct net_device *dev;

struct bnep_session *s, *ss;

u8 dst[ETH_ALEN], src[ETH_ALEN];

@ @ -598,9 +599,10 @ @ int bnep_add_connection(struct bnep_connadd_req *req, struct socket *sock)

__bnep_link_session(s);

```
- err = kernel_thread(bnep_session, s, CLONE_KERNEL);
- if (err < 0) {
+ task = kthread_run(bnep_session, s, "kbnepd %s", dev->name);
+ if (IS_ERR(task)) {
    /* Session thread start failed, gotta cleanup. */
+ err = PTR_ERR(task);
    unregister_netdev(dev);
    __bnep_unlink_session(s);
    goto failed;
--
1.5.0.g53756
```

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Containers@lists.linux-foundation.org
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