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

Posted by [ebiederm](#) on Thu, 19 Apr 2007 07:58:51 GMT

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

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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