

---

Subject: [PATCH] s390/scsi/zfcp\_erp: Convert to use the kthread API

Posted by [ebiederm](#) on Thu, 19 Apr 2007 06:55:37 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

From: Eric W. Biederman <[ebiederm@xmission.com](mailto:ebiederm@xmission.com)> - unquoted

Modify zfcp\_erp.c to be started with kthread\_run not  
a combination of kernel\_thread, daemonize and siginitsetinv  
making the code slightly simpler and more maintainable.

Cc: Swen Schillig <[swen@vnet.ibm.com](mailto:swen@vnet.ibm.com)>

Signed-off-by: Eric W. Biederman <[ebiederm@xmission.com](mailto:ebiederm@xmission.com)>

---

drivers/s390/scsi/zfcp\_erp.c | 13 ++++++-----

1 files changed, 6 insertions(+), 7 deletions(-)

diff --git a/drivers/s390/scsi/zfcp\_erp.c b/drivers/s390/scsi/zfcp\_erp.c

index 66c0b09..f26536d 100644

--- a/drivers/s390/scsi/zfcp\_erp.c

+++ b/drivers/s390/scsi/zfcp\_erp.c

@@ -21,6 +21,7 @@

```
#define ZFCP_LOG_AREA  ZFCP_LOG_AREA_ERP
```

```
+#include <linux/kthread.h>
```

```
#include "zfcp_ext.h"
```

```
static int zfcp_erp_adisc(struct zfcp_port *);
```

```
@@ -985,12 +986,13 @@ static void zfcp_erp_action_dismiss(struct zfcp_erp_action  
*erp_action)
```

```
int
```

```
zfcp_erp_thread_setup(struct zfcp_adapter *adapter)
```

```
{
```

```
- int retval = 0;
```

```
+ struct task_struct *task;
```

```
atomic_clear_mask(ZFCP_STATUS_ADAPTER_ERP_THREAD_UP, &adapter->status);
```

```
- retval = kernel_thread(zfcp_erp_thread, adapter, SIGCHLD);
```

```
- if (retval < 0) {
```

```
+ task = kthread_run(zfcp_erp_thread, adapter,
```

```
+ "zfcp_erp_thread", zfcp_get_busid_by_adapter(adapter));
```

```
+ if (IS_ERR(task)) {
```

```
    ZFCP_LOG_NORMAL("error: creation of erp thread failed for "
```

```
    "adapter %s\n",
```

```
    zfcp_get_busid_by_adapter(adapter));
```

```
@@ -1002,7 +1004,7 @@ zfcp_erp_thread_setup(struct zfcp_adapter *adapter)
```

```
debug_text_event(adapter->erp_dbf, 5, "a_thset_ok");
```

```

}

- return (retval < 0);
+ return IS_ERR(task);
}

/*
@@ -1054,9 +1056,6 @@ zfcpx_erp_thread(void *data)
    struct zfcpx_erp_action *erp_action;
    unsigned long flags;

- daemonize("zfcpxerp%s", zfcpx_get_busid_by_adapter(adapter));
- /* Block all signals */
- siginitsetinv(&current->blocked, 0);
    atomic_set_mask(ZFCPX_STATUS_ADAPTER_ERP_THREAD_UP, &adapter->status);
    debug_text_event(adapter->erp_dbf, 5, "a_th_run");
    wake_up(&adapter->erp_thread_wqh);
--
1.5.0.g53756

```

---

Containers mailing list  
Containers@lists.linux-foundation.org  
<https://lists.linux-foundation.org/mailman/listinfo/containers>

---