
Subject: [PATCH] e1000: ring buffers resources cleanup

Posted by [vaverin](#) on Fri, 18 Aug 2006 15:23:43 GMT

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irq leak was found in 2.6.18-rc4 and e1000 7.2.7 from sourceforge:
if e1000_up fails in e1000_open() we do not free allocated irq

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Thank you,
Vasily Averin
SWsoft Virtuozzo/OpenVZ Linux kernel team

--- linux-2.6.18-rc4/drivers/net/e1000/e1000_main.c.oirq 2006-08-18 18:53:05.000000000 +0400

+++ linux-2.6.18-rc4/drivers/net/e1000/e1000_main.c 2006-08-18 19:18:22.000000000 +0400

@@ -1208,7 +1208,7 @@ e1000_open(struct net_device *netdev)

```
    err = e1000_request_irq(adapter);
```

```
    if (err)
```

```
-    goto err_up;
```

```
+    goto err_req_irq;
```

```
    e1000_power_up_phy(adapter);
```

@@ -1229,6 +1229,8 @@ e1000_open(struct net_device *netdev)

```
    return E1000_SUCCESS;
```

```
err_up:
```

```
+ e1000_free_irq(adapter);
```

```
+err_req_irq:
```

```
    e1000_free_all_rx_resources(adapter);
```

```
err_setup_rx:
```

```
    e1000_free_all_tx_resources(adapter);
```
