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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

Signed-off-by: Vasily Averin <[vvs@sw.ru](mailto:vvs@sw.ru)>

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);

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