

# [PATCH 05/26] atl1: print debug info if rrd error

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*Source:* <http://linux.derkeiler.com/Mailing-Lists/Kernel/2008-01/msg00026.html>

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  - *Date:* Mon, 31 Dec 2007 19:59:43 -0600
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Add some debug dev\_printks if we encounter a bad receive return descriptor.

Signed-off-by: Jay Cliburn <[jacliburn@xxxxxxxxxxxxxx](mailto:jacliburn@xxxxxxxxxxxxxx)>

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drivers/net/atlx/atl1.c | 21 ++++++++  
1 files changed, 20 insertions(+), 1 deletions(-)

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diff --git a/drivers/net/atlx/atl1.c b/drivers/net/atlx/atl1.c
index 239641f..262d3ca 100644
--- a/drivers/net/atlx/atl1.c
+++ b/drivers/net/atlx/atl1.c
@@ -1127,7 +1127,26 @@ static void atl1_intr_rx(struct atl1_adapter *adapter)
if (likely(rrd->xsz.valid)) { /* packet valid */
chk_rrd:
/* check rrd status */
- if (likely(rrd->num_buf == 1))
+ if (rrd->num_buf != 1) {
+ dev_printk(KERN_DEBUG, &adapter->pdev->dev,
+ "rx_buf_len = %d\n",
+ adapter->rx_buffer_len);
+ dev_printk(KERN_DEBUG, &adapter->pdev->dev,
+ "RRD num_buf = %d\n",
+ rrd->num_buf);
+ dev_printk(KERN_DEBUG, &adapter->pdev->dev,
+ "RRD pkt_len = %d\n",
+ rrd->xsz.xsum_sz.pkt_size);
+ dev_printk(KERN_DEBUG, &adapter->pdev->dev,
+ "RRD pkt_flg = 0x%08X\n",
+ rrd->pkt_flg);
+ dev_printk(KERN_DEBUG, &adapter->pdev->dev,
+ "RRD err_flg = 0x%08X\n",
+ rrd->err_flg);
+ dev_printk(KERN_DEBUG, &adapter->pdev->dev,
+ "RRD vlan_tag = 0x%08X\n",
+ rrd->vlan_tag);
+ } else
goto rrd_ok;
```

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/\* rrd seems to be bad \*/

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1.5.3.3

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