

[PATCH] net: dsa: add error handling for pskb\_trim\_rcsum

2 messages

Zhouyang Jia <jiazhouyang09@gmail.com>  
Cc: Zhouyang Jia <jiazhouyang09@gmail.com>, Andrew Lunn <andrew@lunn.ch>, Vivien Didelot <vivien.didelot@savoirfairelinux.com>, Florian Fainelli <f.fainelli@gmail.com>, "David S. Miller" <davem@davemloft.net>, netdev@vger.kernel.org, linux-kernel@vger.kernel.org

Mon, Jun 11, 2018 at 1:26 AM

When pskb\_trim\_rcsum fails, the lack of error-handling code may cause unexpected results.

This patch adds error-handling code after calling pskb\_trim\_rcsum.

Signed-off-by: Zhouyang Jia <jiazhouyang09@gmail.com>

```
---
net/dsa/tag_trailer.c | 3 +-
1 file changed, 2 insertions(+), 1 deletion(-)

diff --git a/net/dsa/tag_trailer.c b/net/dsa/tag_trailer.c
index 7d20e1f..56197f0 100644
--- a/net/dsa/tag_trailer.c
+++ b/net/dsa/tag_trailer.c
@@ -75,7 +75,8 @@ static struct sk_buff *trailer_rcv(struct sk_buff *skb, struct net_device *dev,
    if (!skb->dev)
        return NULL;

-   pskb_trim_rcsum(skb, skb->len - 4);
+   if (pskb_trim_rcsum(skb, skb->len - 4))
+       return NULL;

    return skb;
}
--
2.7.4
```

David Miller <davem@davemloft.net>  
To: jiazhouyang09@gmail.com  
Cc: andrew@lunn.ch, vivien.didelot@savoirfairelinux.com, f.fainelli@gmail.com, netdev@vger.kernel.org, linux-kernel@vger.kernel.org

Mon, Jun 11, 2018 at 5:20 PM

From: Zhouyang Jia <jiazhouyang09@gmail.com>  
Date: Mon, 11 Jun 2018 13:26:35 +0800

> When pskb\_trim\_rcsum fails, the lack of error-handling code may  
> cause unexpected results.  
>  
> This patch adds error-handling code after calling pskb\_trim\_rcsum.  
>  
> Signed-off-by: Zhouyang Jia <jiazhouyang09@gmail.com>

Applied and queued up for -stable, thanks.