
Subject: [PATCH] Consolidate sctp_ulpq_renege_xxx functions
Posted by [Pavel Emelianov](#) on Tue, 23 Oct 2007 15:17:22 GMT
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Both are equal, except for the list to be traversed.

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diff --git a/net/sctp/ulpqueue.c b/net/sctp/ulpqueue.c

index b937095..4be92d0 100644

--- a/net/sctp/ulpqueue.c

+++ b/net/sctp/ulpqueue.c

```
@@ -908,8 +908,8 @@ void sctp_ulpq_skip(struct sctp_ulpq *ulpq, __u16 sid, __u16 ssn)
    return;
}
```

```
/* Renege 'needed' bytes from the ordering queue. */
```

```
-static __u16 sctp_ulpq_renege_order(struct sctp_ulpq *ulpq, __u16 needed)
```

```
+static __u16 sctp_ulpq_renege_list(struct sctp_ulpq *ulpq,
```

```
+ struct sk_buff_head *list, __u16 needed)
```

```
{
    __u16 freed = 0;
    __u32 tsn;
```

```
@@ -919,7 +919,7 @@ static __u16 sctp_ulpq_renege_order(struct sctp_ulpq *ulpq, __u16
needed)
```

```
    tsnmap = &ulpq->asoc->peer.tsn_map;
```

```
- while ((skb = __skb_dequeue_tail(&ulpq->lobby)) != NULL) {
```

```
+ while ((skb = __skb_dequeue_tail(list)) != NULL) {
```

```
    freed += skb_headlen(skb);
```

```
    event = sctp_skb2event(skb);
```

```
    tsn = event->tsn;
```

```
@@ -933,30 +933,16 @@ static __u16 sctp_ulpq_renege_order(struct sctp_ulpq *ulpq, __u16
needed)
```

```
    return freed;
```

```
}
```

```
/* Renege 'needed' bytes from the ordering queue. */
```

```
+static __u16 sctp_ulpq_renege_order(struct sctp_ulpq *ulpq, __u16 needed)
```

```
+{
```

```
+ return sctp_ulpq_renege_list(ulpq, &ulpq->lobby, needed);
```

```
+}
```

```
+
```

```
/* Renege 'needed' bytes from the reassembly queue. */
```

```
static __u16 sctp_ulpq_renege_frags(struct sctp_ulpq *ulpq, __u16 needed)
```

```

{
- __u16 freed = 0;
- __u32 tsn;
- struct sk_buff *skb;
- struct sctp_ulpevent *event;
- struct sctp_tsnmap *tsnmap;
-
- tsnmap = &ulpq->asoc->peer.tsn_map;
-
- /* Walk backwards through the list, reneges the newest tsns. */
- while ((skb = __skb_dequeue_tail(&ulpq->reasm)) != NULL) {
-   freed += skb_headlen(skb);
-   event = sctp_skb2event(skb);
-   ts = event->tsn;
-
-   sctp_ulpevent_free(event);
-   sctp_tsnmap_renege(tsnmap, ts);
-   if (freed >= needed)
-     return freed;
- }
-
- return freed;
+ return sctp_ulpq_renege_list(ulpq, &ulpq->reasm, needed);
}

/* Partial deliver the first message as there is pressure on rwnd. */

```
