

[git patch review 1/8] IPoIB: reinitialize path struct's completion for every query

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2005-11/9580.html>

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It's possible that IPoIB will issue multiple SA queries for the same path struct. Therefore the struct's completion needs to be initialized for each query rather than only once when the struct is allocated, or else we might not wait long enough for later queries to finish and free the path struct too soon.

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```
drivers/infiniband/ulp/ipoib/ipoib_main.c |    3 +--
1 files changed, 2 insertions(+), 1 deletions(-)
applies-to: 9fd732ebc6b85090b64862c4ee3af7078baf822
65c7eddaba33995e013ef3c04718f6dc8fdf2335
diff --git a/drivers/infiniband/ulp/ipoib/ipoib_main.c b/drivers/infiniband/ulp/ipoib/ipoib_main.c
index 2fa3075..cd58b3d 100644
--- a/drivers/infiniband/ulp/ipoib/ipoib_main.c
+++ b/drivers/infiniband/ulp/ipoib/ipoib_main.c
@@ -428,7 +428,6 @@ static struct ipoib_path *path_rec_create(
     skb_queue_head_init(&path->queue);

     INIT_LIST_HEAD(&path->neigh_list);
-    init_completion(&path->done);

     memcpy(path->pathrec.dgid.raw, gid->raw, sizeof (union ib_gid));
     path->pathrec.sgid = priv->local_gid;
@@ -446,6 +445,8 @@ static int path_rec_start(struct net_dev
     ipoib_dbg(priv, "Start path record lookup for " IPOIB_GID_FMT "\n",
               IPOIB_GID_ARG(path->pathrec.dgid));

+    init_completion(&path->done);
+
     path->query_id =
         ib_sa_path_rec_get(priv->ca, priv->port,
                           &path->pathrec,
```

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