

## GDP - Bug #39

### Repeated "Forwarding NEW SECONDARY to node" messages, leading to "ERROR: Connection timed out [EPLIB:errno:110]"

08/09/2016 10:16 PM - Nitesh Mor

<b>Status:</b>	Closed	<b>Start date:</b>	08/09/2016
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Eric Allman	<b>% Done:</b>	0%
<b>Category:</b>	Routing Layer	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			
<b>Description</b>			
Router goes in a pretty useless state, not allowing any clients to do useful operations. Here are the symptoms:			
<ul style="list-style-type: none"><li>• Clients are able to establish a TCP connection, but they can't get any messages through. Here's a short log (see attached file for a more verbose log)</li></ul>			
<pre>\$ ./gdp-reader -D *=10 -s MerBLVlMI8-syn_mtadS2eLkAxCsjVvSsZAoolSMWOW _gdp_lib_init(NULL)   @(#)libgdp 0.6.1 (2016-08-09 22:03) 8dd74a73dcdd29d9e8e06dfae01dd43cce502277 My GDP routing name = zwKgqzG80_V_gHOkx_HRQWGk2Mku3_5JEdcO_7JZzZY gdp_lib_init: OK _gdp_chan_open(gdp-01.eecs.berkeley.edu; gdp-02.eecs.berkeley.edu; gdp-03.eecs.berkeley.edu; gdp-04.eecs.berkeley.edu) Trying gdp-01.eecs.berkeley.edu Talking to router at gdp-01.eecs.berkeley.edu:8007 _gdp_advertise =&gt; OK gdp_init: OK Reading GCL MerBLVlMI8-syn_mtadS2eLkAxCsjVvSsZAoolSMWOW _gdp_req_unsend: req 0xa64b70 has NULL GCL _gdp_req_unsend: req 0xa64b70 has NULL GCL Couldn't open GCL MerBLVlMI8-syn_mtadS2eLkAxCsjVvSsZAoolSMWOW:   ERROR: Connection timed out [EPLIB:errno:110] [ERROR] gdp-reader: Cannot open GCL:   ERROR: Connection timed out [EPLIB:errno:110] exiting after 0 records with status ERROR: Connection timed out [EPLIB:errno:110]</pre>			
<ul style="list-style-type: none"><li>• Connecting to port 15000 on the router for checking advertisements stays stuck after establishing a TCP connection:</li></ul>			
<pre>\$ wget http://gdp-01.eecs.berkeley.edu:15000 --2016-08-09 22:12:11-- http://gdp-01.eecs.berkeley.edu:15000/ Resolving gdp-01.eecs.berkeley.edu (gdp-01.eecs.berkeley.edu)... 128.32.33.233 Connecting to gdp-01.eecs.berkeley.edu (gdp-01.eecs.berkeley.edu) 128.32.33.233 :15000... connecte d. HTTP request sent, awaiting response...</pre>			
<ul style="list-style-type: none"><li>• The log for the router has repeated messages of the type (multiple messages per second):</li></ul>			
<pre>Recvied packet of length: 140 Received NEW_SECONDARY from node (128.32.33.232, 8007) I am a Primary node and the NEW SECONDARY node is (10.142.33.243, 136.152.142.33, 8007) Forwarding NEW SECONDARY to node (10.142.33.243, 136.152.142.33, 8007) Forwarding NEW SECONDARY to node (10.142.33.243, 136.152.142.33, 8007) Forwarding NEW SECONDARY to node (10.142.33.243, 136.152.142.33, 8007) Forwarding NEW SECONDARY to node (10.142.33.243, 136.152.142.33, 8007) Forwarding NEW SECONDARY to node (10.142.33.243, 136.152.142.33, 8007) Forwarding NEW SECONDARY to node (10.142.33.243, 136.152.142.33, 8007) Forwarding NEW SECONDARY to node (10.142.33.243, 136.152.142.33, 8007) Forwarding NEW SECONDARY to node (10.142.33.243, 136.152.142.33, 8007) Forwarding NEW SECONDARY to node (10.142.33.243, 136.152.142.33, 8007) Forwarding NEW SECONDARY to node (10.142.33.243, 136.152.142.33, 8007)</pre>			

```
Forwarding NEW SECONDARY to node (10.142.33.243, 136.152.142.33, 8007)
Forwarding NEW SECONDARY to node (10.142.33.243, 136.152.142.33, 8007)
Recvied packet of length: 140
Received NEW_SECONDARY from node (128.32.33.232, 8007)
I am a Primary node and the NEW SECONDARY node is (10.142.33.243, 136.152.142.33, 8007)
Forwarding NEW SECONDARY to node (10.142.33.243, 136.152.142.33, 8007)
Forwarding NEW SECONDARY to node (10.142.33.243, 136.152.142.33, 8007)
Forwarding NEW SECONDARY to node (10.142.33.243, 136.152.142.33, 8007)
Forwarding NEW SECONDARY to node (10.142.33.243, 136.152.142.33, 8007)
Forwarding NEW SECONDARY to node (10.142.33.243, 136.152.142.33, 8007)
Forwarding NEW SECONDARY to node (10.142.33.243, 136.152.142.33, 8007)
Forwarding NEW SECONDARY to node (10.142.33.243, 136.152.142.33, 8007)
Forwarding NEW SECONDARY to node (10.142.33.243, 136.152.142.33, 8007)
Forwarding NEW SECONDARY to node (10.142.33.243, 136.152.142.33, 8007)
Forwarding NEW SECONDARY to node (10.142.33.243, 136.152.142.33, 8007)
Forwarding NEW SECONDARY to node (10.142.33.243, 136.152.142.33, 8007)
Forwarding NEW SECONDARY to node (10.142.33.243, 136.152.142.33, 8007)
```

---

## History

### #1 - 08/23/2016 03:11 PM - Eric Allman

- Status changed from New to Resolved
- Assignee set to Eric Allman

### #2 - 07/05/2018 09:55 AM - Rick Pratt

- Status changed from Resolved to Closed

Has not been sighted since Resolved.

### #3 - 04/09/2019 12:28 PM - Eric Allman

- Project changed from Click GDP Routers to GDP
- Category set to Routing Layer

---

## Files

gdp-reader.log

5.47 KB

08/10/2016

Nitesh Mor