

## GDP - Bug #12

### Connection reset for clients

07/13/2016 07:20 PM - Nitesh Mor

<b>Status:</b> Closed	<b>Start date:</b> 07/13/2016
<b>Priority:</b> Urgent	<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>	
<p><i>Summary:</i> followed by a Connection reset by peer error, everything fails. Router process is verified to be running, although with 100% CPU utilization. Restarting things fixes the issue.</p> <pre>\$ ./reader_test.py edu.berkeley.eecs.swarmmlab.device.c098e5300003 1 10 4RPM0EEboug46rExalX8F9HdgKB9aH5kAzhTfXNW4DY _gdp_event_cb: got EOF, 0 bytes left _gdp_chan_open(gdp-01.eecs.berkeley.edu; gdp-03.eecs.berkeley.edu; gdp-02.eecs.berkeley.edu) Trying gdp-01.eecs.berkeley.edu Talking to router at gdp-01.eecs.berkeley.edu:8007 _gdp_advertise =&gt; OK _gdp_event_cb: error: Connection reset by peer _gdp_chan_open(gdp-01.eecs.berkeley.edu; gdp-03.eecs.berkeley.edu; gdp-02.eecs.berkeley.edu) Trying gdp-01.eecs.berkeley.edu Talking to router at gdp-01.eecs.berkeley.edu:8007 _gdp_advertise =&gt; OK _gdp_event_cb: got EOF, 0 bytes left _gdp_chan_open(gdp-01.eecs.berkeley.edu; gdp-03.eecs.berkeley.edu; gdp-02.eecs.berkeley.edu) Trying gdp-01.eecs.berkeley.edu Talking to router at gdp-01.eecs.berkeley.edu:8007 _gdp_advertise =&gt; OK _gdp_event_cb: got EOF, 0 bytes left _gdp_chan_open(gdp-01.eecs.berkeley.edu; gdp-03.eecs.berkeley.edu; gdp-02.eecs.berkeley.edu) Trying gdp-01.eecs.berkeley.edu Talking to router at gdp-01.eecs.berkeley.edu:8007 _gdp_advertise =&gt; OK _gdp_event_cb: got EOF, 0 bytes left _gdp_chan_open(gdp-01.eecs.berkeley.edu; gdp-03.eecs.berkeley.edu; gdp-02.eecs.berkeley.edu) Trying gdp-01.eecs.berkeley.edu Talking to router at gdp-01.eecs.berkeley.edu:8007 _gdp_advertise =&gt; OK _gdp_event_cb: got EOF, 0 bytes left _gdp_chan_open(gdp-01.eecs.berkeley.edu; gdp-03.eecs.berkeley.edu; gdp-02.eecs.berkeley.edu) Trying gdp-01.eecs.berkeley.edu Talking to router at gdp-01.eecs.berkeley.edu:8007 _gdp_advertise =&gt; OK _gdp_event_cb: got EOF, 0 bytes left _gdp_chan_open(gdp-01.eecs.berkeley.edu; gdp-03.eecs.berkeley.edu; gdp-02.eecs.berkeley.edu) Trying gdp-01.eecs.berkeley.edu Talking to router at gdp-01.eecs.berkeley.edu:8007 _gdp_advertise =&gt; OK _gdp_event_cb: got EOF, 0 bytes left _gdp_chan_open(gdp-01.eecs.berkeley.edu; gdp-03.eecs.berkeley.edu; gdp-02.eecs.berkeley.edu) Trying gdp-01.eecs.berkeley.edu Talking to router at gdp-01.eecs.berkeley.edu:8007 _gdp_advertise =&gt; OK _gdp_event_cb: got EOF, 0 bytes left _gdp_chan_open(gdp-01.eecs.berkeley.edu; gdp-03.eecs.berkeley.edu; gdp-02.eecs.berkeley.edu)</pre>	

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Trying gdp-01.eecs.berkeley.edu
Talking to router at gdp-01.eecs.berkeley.edu:8007
_gdp_advertise => OK
_gdp_event_cb: got EOF, 0 bytes left
_gdp_chan_open(gdp-01.eecs.berkeley.edu; gdp-03.eecs.berkeley.edu; gdp-02.eecs.berkeley.edu)
Trying gdp-01.eecs.berkeley.edu
Talking to router at gdp-01.eecs.berkeley.edu:8007
_gdp_advertise => OK
_gdp_event_cb: got EOF, 0 bytes left
_gdp_chan_open(gdp-01.eecs.berkeley.edu; gdp-03.eecs.berkeley.edu; gdp-02.eecs.berkeley.edu)
Trying gdp-01.eecs.berkeley.edu
Talking to router at gdp-01.eecs.berkeley.edu:8007
_gdp_advertise => OK
gdp_pdu_proc_resp: GCL 4RPMOEEboug46rExalX8F9HdGKB9aH5kAzhTfXNW4DY has no handle
ack_success: received 128
gdp_pdu_proc_resp: discarding response req@0x7f7784002fe0:
  nextrec=0, numrecs=0, chan=0x29d7680
  postproc=(nil), sub_cb=(nil), udata=(nil)
  state=ACTIVE, stat=OK
  act_ts=2016-07-14T02:10:42.595084000Z
  flags=0x300<ON_CHAN_LIST,CORE>
  GCL@(nil): NULL
  PDU@0x7f77840030d0:
    v=3, ttl=15, rsvd1=0, cmd=128=ACK_SUCCESS
    dst=BcP2z9L9uLgk6onGllmrlyzayuaNFpL1rYiI_1N46Tc
    src=4RPMOEEboug46rExalX8F9HdGKB9aH5kAzhTfXNW4DY
    rid=1, olen=8, chan=0x29d7680, seqno=0
    flags=0x2<HAS_RECNO>
    datum=0x7f7784003150, recno=1042794, dbuf=0x7f77840031c0, dlen=0
    ts=(none)
    sigmdalg=0x0, siglen=0, sig=(nil)
    total header=96
  rPDU@0x7f77840030d0:
    v=3, ttl=15, rsvd1=0, cmd=128=ACK_SUCCESS
    dst=BcP2z9L9uLgk6onGllmrlyzayuaNFpL1rYiI_1N46Tc
    src=4RPMOEEboug46rExalX8F9HdGKB9aH5kAzhTfXNW4DY
    rid=1, olen=8, chan=0x29d7680, seqno=0
    flags=0x2<HAS_RECNO>
    datum=0x7f7784003150, recno=1042794, dbuf=0x7f77840031c0, dlen=0
    ts=(none)
    sigmdalg=0x0, siglen=0, sig=(nil)
    total header=96
_gdp_req_unsend: req 0x2a1a040 has NULL GCL
gdp_pdu_proc_resp: GCL 4RPMOEEboug46rExalX8F9HdGKB9aH5kAzhTfXNW4DY has no handle
ack_success: received 128
gdp_pdu_proc_resp: discarding response req@0x7f7784002fe0:
  nextrec=0, numrecs=0, chan=0x29d7680
  postproc=(nil), sub_cb=(nil), udata=(nil)
  state=ACTIVE, stat=OK
  act_ts=2016-07-14T02:10:57.595433000Z
  flags=0x300<ON_CHAN_LIST,CORE>
  GCL@(nil): NULL
  PDU@0x7f77840030d0:
    v=3, ttl=15, rsvd1=0, cmd=128=ACK_SUCCESS
    dst=BcP2z9L9uLgk6onGllmrlyzayuaNFpL1rYiI_1N46Tc
    src=4RPMOEEboug46rExalX8F9HdGKB9aH5kAzhTfXNW4DY
    rid=1, olen=8, chan=0x29d7680, seqno=0
    flags=0x2<HAS_RECNO>
    datum=0x7f7784003150, recno=1042799, dbuf=0x7f77840031c0, dlen=0
    ts=(none)
    sigmdalg=0x0, siglen=0, sig=(nil)
    total header=96
  rPDU@0x7f77840030d0:
    v=3, ttl=15, rsvd1=0, cmd=128=ACK_SUCCESS
    dst=BcP2z9L9uLgk6onGllmrlyzayuaNFpL1rYiI_1N46Tc
    src=4RPMOEEboug46rExalX8F9HdGKB9aH5kAzhTfXNW4DY
    rid=1, olen=8, chan=0x29d7680, seqno=0

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    flags=0x2<HAS_RECNO>
    datum=0x7f7784003150, recno=1042799, dbuf=0x7f77840031c0, dlen=0
        ts=(none)
    sigmdalg=0x0, siglen=0, sig=(nil)
    total header=96
_gdp_req_unsend: req 0x2a1a040 has NULL GCL
Couldn't open GCL 4RpmOEEboug46rExalX8F9HdGKB9aH5kAzhTfXNW4DY:
    ERROR: Connection timed out [EPLIB:errno:110]
Traceback (most recent call last):
  File "./reader_test.py", line 69, in <module>
    main(sys.argv[1], int(sys.argv[2]), int(sys.argv[3]))
  File "./reader_test.py", line 45, in main
    gcl_handle = gdp.GDP_GCL(gcl_name, gdp.GDP_MODE_RO)
  File "/usr/lib/python2.7/dist-packages/gdp/GDP_GCL.py", line 113, in __init__
    check_EP_STAT(estat)
  File "/usr/lib/python2.7/dist-packages/gdp/MISC.py", line 166, in check_EP_STAT
    raise EP_STAT_SEV_ERROR(ep_stat)
gdp.MISC.EP_STAT_SEV_ERROR: 'ERROR: Connection timed out [EPLIB:errno:110]'
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## History

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### #1 - 08/23/2016 03:09 PM - Eric Allman

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

### #2 - 04/17/2017 12:50 PM - Eric Allman

- Status changed from Resolved to Closed

Haven't seen this one in a long while — presuming it is closed.

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

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