

## JobSub - Bug #20662

### Failures when one collector is down

08/22/2018 12:02 PM - Joe Boyd

<b>Status:</b>	New	<b>Start date:</b>	08/22/2018
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Dennis Box	<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Spent time:</b>	0.00 hour
<b>First Occurred:</b>		<b>Stakeholders:</b>	
<b>Occurs In:</b>			

#### Description

When gpcollector04 was down we were getting a high number of submission and jobsub\_q failures. Below is a submission loop that prints out the number of seconds the submission took and then the time and jobsub jobid.

You can see that sometimes there will be a successful submission after 120 seconds (two of the 60 second timeouts because of the down collector) and other times there will be a

HTTP response:0 PyCurl Error 52: Empty reply from server

after just 60 seconds. Something is dealing well with the reply it's getting.

After Nick took the down collector out of the config everything started working so it is apparently related to the timeout.

```
jobsub_submit -G uboone -N 1 --resource-provides=usage_model=DEDICATED,OPPORTUNISTIC --generate-email-summary --disk=1GB --memory=1GB --cpu=1 --expected-lifetime=1h file://sleep_job.sh -f 15 -s 5 -e uboone
```

Submission took 121 seconds

1 Wed Aug 22 11:16:23 CDT 2018 JobsubJobId of first job: [11015967.0@jobsub01.fnal.gov](mailto:11015967.0@jobsub01.fnal.gov)

Submission took 2 seconds

2 Wed Aug 22 11:16:26 CDT 2018 JobsubJobId of first job: [11015969.0@jobsub01.fnal.gov](mailto:11015969.0@jobsub01.fnal.gov)

Submission took 122 seconds

3 Wed Aug 22 11:18:29 CDT 2018 JobsubJobId of first job: [11016005.0@jobsub01.fnal.gov](mailto:11016005.0@jobsub01.fnal.gov)

Submission took 64 seconds

4 Wed Aug 22 11:19:34 CDT 2018 JobsubJobId of first job: [11016032.0@jobsub01.fnal.gov](mailto:11016032.0@jobsub01.fnal.gov)

Submission took 62 seconds

5 Wed Aug 22 11:20:37 CDT 2018 JobsubJobId of first job: [11016052.0@jobsub01.fnal.gov](mailto:11016052.0@jobsub01.fnal.gov)

HTTP response:0 PyCurl Error 52: Empty reply from server

Submission took 61 seconds

6 Wed Aug 22 11:21:39 CDT 2018 Submission took 3 seconds

7 Wed Aug 22 11:21:43 CDT 2018 JobsubJobId of first job: [10875301.0@jobsub02.fnal.gov](mailto:10875301.0@jobsub02.fnal.gov)

Submission took 2 seconds

8 Wed Aug 22 11:21:46 CDT 2018 JobsubJobId of first job: [10875302.0@jobsub02.fnal.gov](mailto:10875302.0@jobsub02.fnal.gov)

Submission took 5 seconds

9 Wed Aug 22 11:21:52 CDT 2018 JobsubJobId of first job: [10875303.0@jobsub02.fnal.gov](mailto:10875303.0@jobsub02.fnal.gov)

Submission took 123 seconds

10 Wed Aug 22 11:23:56 CDT 2018 JobsubJobId of first job: [11016190.0@jobsub01.fnal.gov](mailto:11016190.0@jobsub01.fnal.gov)

Submission took 1 seconds

11 Wed Aug 22 11:23:58 CDT 2018 JobsubJobId of first job: [10875313.0@jobsub02.fnal.gov](mailto:10875313.0@jobsub02.fnal.gov)

Submission took 5 seconds

12 Wed Aug 22 11:24:04 CDT 2018 JobsubJobId of first job: [10875314.0@jobsub02.fnal.gov](mailto:10875314.0@jobsub02.fnal.gov)

HTTP response:0 PyCurl Error 52: Empty reply from server

Submission took 61 seconds

13 Wed Aug 22 11:25:06 CDT 2018 HTTP response:0 PyCurl Error 52: Empty reply from server

Submission took 60 seconds

14 Wed Aug 22 11:26:07 CDT 2018 Submission took 1 seconds

15 Wed Aug 22 11:26:10 CDT 2018 JobsubJobId of first job: [11016225.0@jobsub01.fnal.gov](mailto:11016225.0@jobsub01.fnal.gov)

Submission took 122 seconds

16 Wed Aug 22 11:28:13 CDT 2018 JobsubJobId of first job: [11016260.0@jobsub01.fnal.gov](mailto:11016260.0@jobsub01.fnal.gov)

Submission took 3 seconds

17 Wed Aug 22 11:28:17 CDT 2018 JobsubJobId of first job: [11016265.0@jobsub01.fnal.gov](mailto:11016265.0@jobsub01.fnal.gov)  
Submission took 11 seconds  
18 Wed Aug 22 11:28:29 CDT 2018 JobsubJobId of first job: [11016267.0@jobsub01.fnal.gov](mailto:11016267.0@jobsub01.fnal.gov)  
Submission took 62 seconds  
19 Wed Aug 22 11:29:32 CDT 2018 JobsubJobId of first job: [11016287.0@jobsub01.fnal.gov](mailto:11016287.0@jobsub01.fnal.gov)  
HTTP response:0 PyCurl Error 52: Empty reply from server  
Submission took 60 seconds