

GNU/Linux Administration - Bug #497

MariaDB Galera Node Error While Getting Data From Donor Node

12/17/2014 11:35 AM - Daniel Curtis

Status:	Closed	Start date:	12/17/2014
Priority:	Normal	Due date:	
Assignee:	Daniel Curtis	% Done:	100%
Category:		Estimated time:	0.50 hour
Target version:		Spent time:	1.00 hour

Description

I came across an error with one of my MariaDB Galera database nodes failing to join after a period of time being offline.

- I checked the log file:

```
tail -n 50 /var/log/syslog
```

- And found the following error:

```
2014-05-31 04:01:40 2391 [Warning] WSREP: Failed to prepare for incremental state transfer
: Local state UUID (00000000-0000-0000-0000-000000000000) does not match group state UUID
(02dc9b38-e825-11e3-a67b-4bfddfde0c98): 1 (Operation not permitted)
  at galera/src/replicator_str.cpp:prepare_for_IST():447. IST will be unavailable.
WSREP_SST: [ERROR] Error while getting data from donor node:  exit codes: 1 0 (20140531 04
:01:40.934)
WSREP_SST: [ERROR] Cleanup after exit with status:32 (20140531 04:01:40.936)
2014-05-31 04:01:40 2391 [ERROR] WSREP: Process completed with error: wsrep_sst_xtrabackup
-v2 --role 'joiner' --address '192.168.0.2' --auth 'test_sstuser:123456' --datadir '/var/l
ib/mysql/' --defaults-file '/etc/mysql/my.cnf' --parent '2391'  '' : 32 (Broken pipe)
2014-05-31 04:01:40 2391 [ERROR] WSREP: Failed to read uuid:seqno from joiner script.
2014-05-31 04:01:40 2391 [ERROR] WSREP: SST failed: 32 (Broken pipe)
2014-05-31 04:01:40 2391 [ERROR] Aborting
2014-05-31 04:01:41 2391 [Warning] WSREP: 1.0 (test.host.com): State transfer to 0.0 (mast
er-2.test.net) failed: -32 (Broken pipe)
2014-05-31 04:01:41 2391 [ERROR] WSREP: gcs/src/gcs_group.c:gcs_group_handle_join_msg():72
3: Will never receive state. Need to abort.
```

After looking around I found the solution, which was relatively simple.

- Edit the my.cnf file and add the following to the [mysqld] section

```
vi /etc/mysql/my.cnf
```

- And add/modify the following

```
[mysqld]
innodb_log_file_size=48M
```

- Now clear the Galera log files (or else the node will fail joining the cluster due to the InnoDB log file size changing):

```
rm /var/lib/mysql/ib_logfile*
```

Resources

- <https://stackoverflow.com/questions/23966539/percona-xtradbcluster-error-while-getting-data-from-donor-node>

History

#1 - 12/17/2014 12:13 PM - Daniel Curtis

- *Description updated*

- *Status changed from New to Resolved*

- *% Done changed from 0 to 100*

#2 - 12/26/2014 07:56 PM - Daniel Curtis

- *Status changed from Resolved to Closed*