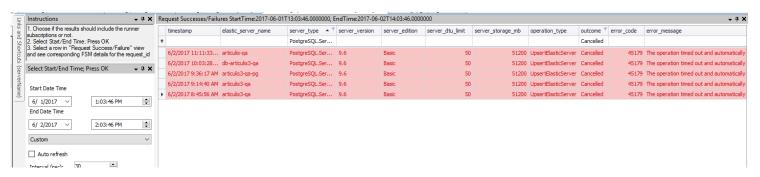# PostgreSQL Create server timeout

Last updated by | Lisa Liu | Nov 6, 2020 at 10:33 AM PST

PostgreSQL Create server timeout

Monday, June 5, 2017
11:56 AM
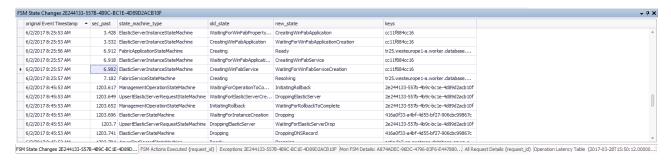
When creating a PostgreSQL server the setup runs for approximately 20 minutes then fails reporting a timeout.

{'code':'DeploymentFailed','message':'At least one resource deployment operation failed. Please list deployment operations for details. Please see https://aka.ms/arm-debug for usage details.','details':[{'code':'Conflict','message':'{\\r\\n \\'status\\': \\'Failed\\',\\r\\n \\'error\\': {\\r\\n \\'code\\': \\'ResourceDeploymentFailure\\',\\r\\n \\'message\\': \\'The resource operation completed with terminal provisioning state 'Failed'.\\',\\r\\n \\'details\\': [\\r\\n {\\r\\n \\'code\\': \\'OperationTimedOut\\',\\r\\n \\'message\\': \\'The operation timed out and automatically rolled back. Please retry the operation.\\'\\r\\n }\\r\\n]\\r\\n }\\r\\n}'}]}

If you open tbe xts view OrcaSQL\Elastic Server CRUD (Kusto).xts you should be able to identify the CRUD operations for a specific region.

The filters allow you to cut this down quickly, note for Timeout we filter on Cancelled outcome.

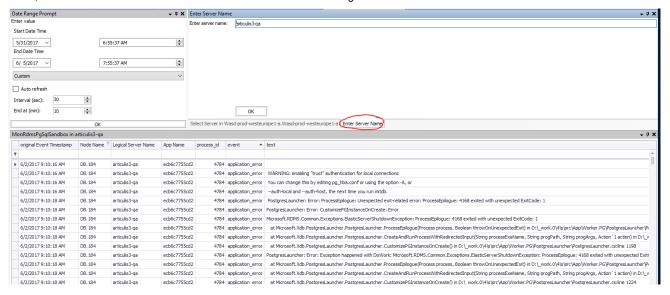In the state changes you can see where it is timing out

Note the huge jump in time.

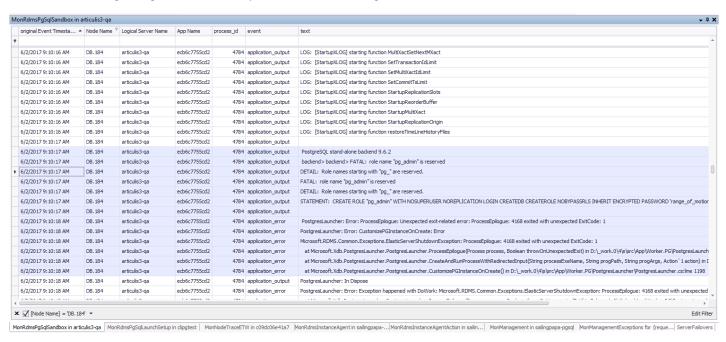On this occasion we inspected the log for the database server

This was in the view OrcaSQL\PgSQL log Views.xts

Note: You need to enter the server name, it will not be in the drop down since it doesn't exist (remember the create timed out), but if you enter the server name you should find it... Note also the time range selection.

You can now search through the log to see if there were any errors, we found the following

application_output
application_output   PostgreSQL stand-alone backend 9.6.2
application_output   backend> backend> FATAL: role name "pg_admin" is reserved
application_output   DETAIL: Role names starting with "pg_" are reserved.
application_output   FATAL: role name "pg_admin" is reserved
application_output   DETAIL: Role names starting with "pg_" are reserved.
application_output   STATEMENT: CREATE ROLE "pg_admin" WITH NOSUPERUSER NOREPLICATION LOGIN CREATEDB CREATEROLE NOBYPASSRLS INHERIT ENCRYPTED PASSWORD 'range_of_motion_qa1!' IN ROLE azure_pg_admin;
application_output

Solution here was to use a non-reserved name for the admin account.
There should be a work item to prevent the use of reserved account names in the future.

Created with Microsoft OneNote 2016.

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