GVA Internal Database Setup

Tuesday, February 06, 2018 10:53 AM

Log into the VM.. If you are behind the Proxy, run this command:

```
$ ssh -o ProxyCommand='connect -S proxy-iind.intel.com:1080 %h %p'  ubuntu@xxx.xxx.xxx.xxx
```

Set the environment:

```
$  set -a; source private/gva.env.sh; set +a
```

Run the tools container:

```
$ docker images
REPOSITORY     TAG                 IMAGE ID            CREATED             SIZE
cc-gva         test5               8b15195fbb99        6 days ago          958 MB
cc-gva-tools   sprint3-drop7       12d543843062        2 months ago        1.06 GB

$ ./runtools.sh 12d543843062
here are the available images (just in case)
REPOSITORY     TAG                 IMAGE ID            CREATED             SIZE
cc-gva         test5               8b15195fbb99        6 days ago          958 MB
cc-gva-tools   sprint3-drop7       12d543843062        2 months ago        1.06 GB
IMAGE_ID is 12d543843062
gva vars are setup...
b10d5ccb626fac775c2d5c4db49da82e319235fa39c0f913bb3c265ced989231
```

Enter the tools docker:

```
$ ./entercontainer.sh b10d5ccb626fac775c2d5c4db49da82e319235fa39c0f913bb3c265ced989231
```

Test the with sqlcmd to check if all the environment is correct, you should see some positive output if all the settings were good:

```
$ sqlcmd -N -S $gva_internaldb_host -U $gva_internaldb_admin_username -P $gva_internaldb_admin_password -d master -l 3
1> SELECT TABLE_CATALOG, TABLE_SCHEMA, TABLE_NAME, TABLE_TYPE FROM INFORMATION_SCHEMA.TABLES
2> GO
<< some output >>
```

Create the 'gvauser' login:

```
$ sqlcmd -N -S $gva_internaldb_host -U $gva_internaldb_admin_username -P "$gva_internaldb_admin_password" -d master -l 3
1> USE master
2> GO
Changed database context to 'master'.
1> CREATE LOGIN gvauser WITH PASSWORD = 'XXXXXXXXXX';
2> DBCC FLUSHAUTHCACHE
3> GO
DBCC execution completed. If DBCC printed error messages, contact your system administrator.
1> EXIT
```

Grant permissions to 'gvauser', update the sqlcmd with the name of gva database in Azure:

```
$ sqlcmd -N -S $gva_internaldb_host -U $gva_internaldb_admin_username -P "$gva_internaldb_admin_password" -d $gva_internaldb_database -l 3
1> CREATE USER gvauser FROM LOGIN gvauser;
2> GRANT SELECT, INSERT, UPDATE, DELETE ON SCHEMA :: dbo to gvauser;
3> DBCC FLUSHAUTHCACHE
4> GO
DBCC execution completed. If DBCC printed error messages, contact your system administrator.
1> EXIT
```

Run a test to check if gvauser has received the permissions:

```
$ ~/castle_canyon/internaldb/bin/test_config
Connecting to [UsValidationDB] on [usvalidation-sqlserver.database.windows.net] as [gvauser]
Executing (default): SELECT 1+1 AS result
Connection has been established successfully.
Shut down gracefully.
```

For the next few step, we will need to update the local env variables:

```
$ export gva_internaldb_username=$gva_internaldb_admin_username
$ export gva_internaldb_password=$gva_internaldb_admin_password
```

Create the tables by calling the migration scripts, which will be used by gva :

```
$ ~/castle_canyon/internaldb/bin/migrate

Sequelize CLI [Node: 8.9.0, CLI: 3.0.0, ORM: 4.17.2]

Loaded configuration file "config/config.js".

== 20171106205908-create-user: migrating =======
== 20171106205908-create-user: migrated (0.152s)

== 20171106224107-create-role: migrating =======
== 20171106224107-create-role: migrated (0.141s)

== 20171107011234-create-users-roles: migrating =======
```

```
== 20171107011234-create-users-roles: migrated (0.127s)

== 20171109221405-init-gateway: migrating =======
== 20171109221405-init-gateway: migrated (0.129s)

== 20171109221405-init-shipment: migrating =======
== 20171109221405-init-shipment: migrated (0.128s)

== 20171109221405-init-shipping-unit: migrating =======
== 20171109221405-init-shipping-unit: migrated (0.117s)

== 20171109221405-init-tag: migrating =======
== 20171109221405-init-tag: migrated (0.128s)

== 20171110224812-init-leg: migrating =======
== 20171110224812-init-leg: migrated (0.136s)

== 20171113071524-init-shipments-gateways: migrating =======
== 20171113071524-init-shipments-gateways: migrated (0.121s)

== 20171113071524-init-shippingunits-tags: migrating =======
== 20171113071524-init-shippingunits-tags: migrated (0.143s)

== 20171119210926-add-named-unique: migrating =======
== 20171119210926-add-named-unique: migrated (0.324s)

== 20171119211916-add-shipment-status-lock: migrating =======
== 20171119211916-add-shipment-status-lock: migrated (0.139s)

== 20171126044045-gw2c-typo: migrating =======
== 20171126044045-gw2c-typo: migrated (8.607s)

== 20171127145128-init-photo: migrating =======
== 20171127145128-init-photo: migrated (0.286s)

== 20171127174541-init-telemetry-cache: migrating =======
== 20171127174541-init-telemetry-cache: migrated (0.144s)

== 20171128194600-remove-uuid-packageId-constraints: migrating =======
== 20171128194600-remove-uuid-packageId-constraints: migrated (0.152s)
```

Create the roles, (Desk Agent & Dock worker):

```
$ ~/castle_canyon/internaldb/bin/first_deploy_seeder

Sequelize CLI [Node: 8.9.0, CLI: 3.0.0, ORM: 4.17.2]

Loaded configuration file "config/config.js".

== 20171106230412-core-roles: migrating =======
== 20171106230412-core-roles: migrated (0.627s)
```

Add the desired users to the database:

```
$ ~/castle_canyon/shippingapi/bin/add_user
usage: add_user "<username>" "<password>" "<Desk Agent or Dock Worker>"


$ ~/castle_canyon/shippingapi/bin/add_user "AAAAAA" "BBBBBB" "Desk Agent"

Executing (default): SELECT [id] FROM [Roles] AS [Role] WHERE [Role].[name] = N'Desk Agent' ORDER BY [Role].[id] OFFSET 0
ROWS FETCH NEXT 1 ROWS ONLY;
Executing (default): INSERT INTO [Users] ([email],[password],[token],[createdAt],[updatedAt]) OUTPUT INSERTED.* VALUES
(N'AAAAAA',N'zFuCgZYUGkEoJwrAGawn2PxhItp9RvRK29jYzAiFPtugYQtFNPao7t13a7JABOvW86C/M1SyhlRWi2fHrbZVvA==',N'',N'2018-02-06
20:05:15.437 +00:00',N'2018-02-06 20:05:15.437 +00:00');

Executing (default): SELECT [userId], [roleId], [createdAt], [updatedAt] FROM [UsersRoles] AS [UserRole] WHERE
[UserRole].[userId] = 1 AND [UserRole].[roleId] IN (1);
Executing (default): INSERT INTO [UsersRoles] ([userId],[roleId],[createdAt],[updatedAt]) VALUES (1,1,'2018-02-06
20:05:15.817 +00:00','2018-02-06 20:05:15.817 +00:00');

Added user [AAAAAA] with password [BBBBBB] to role [Desk Agent]
```

Add the 'deskagent@localhost' and 'dockworker@localhost' user to the DB, [use this only for development instances]

```
$ ~/castle_canyon/internaldb/bin/dev_only_seeder
```