Propel v2.2 Cutover procedure

Staging preparation - (Propel v2.2):

PRE-CUTOVER Activities

After installing Propel v2.2 and because some security changes, **all the credentials’ secrets are going to fail**. That’s why you will need to save the current credentials before to migrate so they can be set again after the migration.

A screenshot of a computer error

Description automatically generated

### MongoDB migration details:

Stop Propel Service

Take a Propel Production backup.

Uninstall Mongo DB Tools 100.6.0

Uninstall Mongo v6.0.2

Remove the folder: C:\Program Files\MongoDB

Install Mongo v7.0.0 DB engine (mongodb-windows-x86\_64-7.0.0-signed.msi), as service

Install Mongo DB tools (mongodb-database-tools-windows-x86\_64-100.8.0.zip)

Change Path to include current Mongo v7 engine: (distrib\cutover\modify-mongo-path.ps1)

Install Mongosh 1.10.6 (mongosh-1.10.6-win32-x64.zip). To do this unzip the folder and copy "\bin" folder into "C:\Program Files\MongoDB\Server\7.0\bin"

Test the path changes by executing “mongosh –version” on a powershell console. It must return the value “7.0.0”

Create the Admin user “DBA” by executing the script “distrib\cutover\create-admin-user.js” with mongosh. To do this open a powershell console, change dir to the folder with the script and run the following:

mongosh create-admin-user.js

Stop Mongo DB service

Edit "mongod.cfg" and ensure to have:

security:

authorization: enabled

Start Mongo DB service

Now we need to create the propel DB. So Open a Powershell console and run:

mongosh --eval "var adu='DBA'; var adp=*'HERE the Admin account password*';apu='PropelUser'; var app=*'Temporal Propel user password*';" 0000-01-create-db-and-user.js

That script is going to create the propel DB and the Propel user with the provided temporal password, (That will be changed as part of Propel installation).

After that we need to run the script to create the propel Collections and indexes:

mongosh --eval "var adu='DBA'; var adp=*'HERE the Admin account password*';apu='PropelUser'; var app=*'Temporal Propel user password*';" 0000-02-db-script.js

Import to the database the data we exported at the beginning of this section.

### Propel migration details:

- Uninstall Node.js v14.20.0

- Install Node.js v14.21.2

- Install Propel v2.2.

- Full regression test.

Production Cutover (New Server)

PRE-CUTOVER Activities

After installing Propel v2.2 and because some security changes, **all the credentials’ secrets are going to fail**. That’s why you will need to save the current credentials before to migrate so they can be set again after the migration.

A screenshot of a computer error

Description automatically generated

### MongoDB migration details:

### Propel migration details:

- Uninstall Node.js v14.20.0

- Install Node.js v14.21.2

- Install Propel v2.1.