https://community.pega.com/knowledgebase/articles/unique-id-generation-configuration

By default, unique IDs for class instances (such as cases) are generated by using stored procedures and are maintained in the database. You can change unique ID generation to in-memory ID generation, which is based on cluster technology, to improve performance. In-memory ID generation is useful when unique ID generation is a bottleneck for large-scale case creation. You can configure the method to use for generating IDs by using both Dynamic System Settings and the prconfig.xml file. In addition, in the prconfig.xml file, you can configure the persistence threshold and whether to retry ID generation if it fails because of a database error. If you were previously using a customized ID generator with a Postgres database, you also can configure it in the prconfig.xml file.

| **prconfig.xml file setting** | **Dynamic System Setting** | **Description** |
| --- | --- | --- |
| **<env name="pega/sequenceid/useOldOOTBIDGenerator" value="true"/>** | **Setting Purpose** – prconfig/pega/sequenceid/ useoldootbidgenerator/default **Owning Ruleset** – Pega-Engine | When true, use database-based (stored procedure) ID generation. When false, use in-memory ID generation. The default is true. |
| **<env name="pega/sequenceid/update-interval" value="500"/>** | None | The amount of time after which the generated ID is persisted. The default is 500 milliseconds. |
| **<env name="pega/sequenceid/shouldretry" value="true"/>** | None | Indicates whether to retry ID generation if ID generation failed because of a database update error. The default is true. |
| **<env name="database/databases/customUniqueIDproc"value="sppc\_data\_uniqueid\_custom"/>** | None | For Postgres only, set the value of sppc\_data\_uniqueid\_custom to the name of your stored procedure that generates unique IDs. In addition, set the **pega/sequenceid/useOldOOTBIDGenerator** setting to true if you are using a custom ID generator. On other DBMS platforms, if you are using a custom ID generator, it must already be named "sppc\_data\_uniqueid" to override the default generator, so you do not need to use this setting. |