**NOTE ON OPTIONS**

**ALL SPOCK FUNCTIONS CAN RUN FROM THE PGEDGE BINARY IN FORM (pgedge spock function parameters) or from a SQL QUERY ENGINE. The pgedge command line however only works if Postgres is installed to default port of 5432. Otherwise you need to use the SQL Query in PHPPGADMIN, IN WEBMIN POSTGRES MODULE, OR PGADMIN4.**

SQL INSTRUCTIONS – STEP1 – ADD SPOCK EXTENSION

CREATE EXTENSION spock;

STEP2 - Now create the SPOCK NODE IN EVERY DB YOU ARE USING:

SELECT spock.node\_create(

node\_name := 'nodeX',

dsn := 'host=providerhost port=5432 dbname=db user=X password=y'

);

**CREATE A REPSET(REPLICATION SETUP) AND ADD TABLES TO IT**

Select spock.repset\_create('gemrepl', 'true', 'true', 'true', 'true');

Select spock.repset\_add\_table('gemrepl', 'Gapps', 'true',null ,null);

Select spock.repset\_add\_table('gemrepl', 'h\_users', 'true',null ,null);

Select spock.repset\_add\_table('gemrepl', 'h\_usergroups', 'true',null ,null);

Select spock.repset\_add\_table('gemrepl', 'h\_user\_usergroup\_map', 'true',null ,null);

Select spock.repset\_add\_table('gemrepl', 'h\_user\_profiles', 'true',null ,null);

**REMOVE TABLES FROM REPSET**

**Select spock-repset-remove-table(‘**

**N3**

SELECT spock.sub\_create( subscription\_name := 's3', provider\_dsn := 'host=127.x.x.x port=5434 dbname=spocktester user=gridsa password=test12345' );

SELECT spock.sub\_wait\_for\_sync('s3');

**N4**

SELECT spock.sub\_create( subscription\_name := 's4', provider\_dsn := 'host=127.x.x.x port=5434 dbname=gem user=gridsa password=test12345' );

SELECT spock.sub\_wait\_for\_sync('s4');

**//SHOW ALL REPLICATION SETS**

select \* from spock.replication\_set

//SHOW ALL SUBSCRIPTIONS

spock.subscription;

**//ADD A REPLICATION SET**

update spock.subscription set sub\_replication\_sets = '{default,default\_insert\_only,ddl\_sql, gemrepl}' where sub\_name = 's4'; ..

update spock.subscription set sub\_replication\_sets = '{gapps}' where sub\_name = 's3'; ..

**//FIELD NAMES AND EXAPLE DATA**

sub\_replication\_sets

{default,default\_insert\_only,ddl\_sql}

sub\_id 2028945836

sub\_name s4

OTHER DOCUMENTS AVAILABLE ON PGEDGE SITE

[Spock Sub Add Repset - pgEdge](https://docs.pgedge.com/platform/pgedge_commands/doc/spock-sub-add-repset)

//USE UNIQUE VALUES

N4

SELECT pg\_get\_serial\_sequence('h\_users', 'id');

ALTER SEQUENCE h\_users\_id\_seq RESTART WITH 20000;

N3

SELECT pg\_get\_serial\_sequence('h\_users', 'uid');

ALTER SEQUENCE h\_users\_uid\_seq RESTART WITH 1000;

 SELECT pg\_get\_serial\_sequence('gapps', 'id');

This will return the sequence name, something like gapps\_id\_seq.

 **Set the sequence to start at 20000**:

sql

ALTER SEQUENCE gapps\_id\_seq RESTART WITH 20000;