# Infrastructure - Task #2889

Story # 2720 (Closed): KNB, LTER, PISCO, ESA, SANPARKS roll out

Task # 2880 (Closed): SANParks MN upgrade

## Consolidate the saeonocean.co.za and saeonmetacat.co.za replication servers in dataknp Metacata db

2012-06-08 20:36 - Jing Tao

| | | | |
|---|---|---|---|
| **Status:** | Closed | **Start date:** | 2012-06-08 |
| **Priority:** | Normal | **Due date:** | |
| **Assignee:** | Jing Tao | **% Done:** | 100% |
| **Category:** | | **Estimated time:** | 0.00 hour |
| **Target version:** | Sprint-2012.35-Block.5.2 | | |
| **Milestone:** | CCI-1.0.0 | **Story Points:** | |
| **Product Version:** | * | | |

### Description

Currently, both saeonocean.co.za/knb/servlet/replication and saeonmetacat.co.za/knb/servlet/replication are in xml_replication table of dataknp metacat. Ben pointed out that saeonocean.co.za is replaced by saeonmetacat.co.za/knb/servlet/replication. So we need a plan to consolidate them into a single record.

### History

#### #1 - 2012-06-08 21:36 - Jing Tao

Here is the xml_replication table in dataknp:

```
metacat=> select * from xml_replication;
serverid |                 server                | last_checked | replicate | datareplicate | hub
----------+---------------------------------------------+--------------+-----------+---------------+-----
 1 | localhost                          |        |     0 |      0 | 0
 4 | datapha.saeon.ac.za/knb/servlet/replication   |        |     0 |      0 | 0
 2 | knb.ecoinformatics.org/knb/servlet/replication |        |     1 |      1 | 1
 7 | saeonocean.co.za/knb/servlet/replication      | 1980-01-01 |     1 |      1 | 0
 8 | saeonmetacat.co.za/knb/servlet/replication    |        |     1 |      1 | 0
```

I took a look at the xmltables-postgres.sql. the tables will be involved are xml_documents and xml_revisions.

Here is the plan:

1. Stop tomcat.

2. Backup the db as the unix user postgres:

   pg_dump metacat > metacat-backup-06082012

3. Check the number of documents in xml_documents where server location is saeonocean.co.za/knb/servlet/replication (under psql window):
   select count(*) from xml_documents where server_location=7;

4. Update the documents in xml_documents where server location is saeonocean.co.za/knb/servlet/replication:
   update xml_documents set server_location=8 where server_location=7;
   The update number should match the number in the step 3.

5. Check the number of documents in xml_revisions where server location is saeonocean.co.za/knb/servlet/replication:
   select count(*) from xml_revisions where server_location=7;

6. Update the documents in xml_revisions where server location is saeonocean.co.za/knb/servlet/replication:
   update xml_revisions set server_location=8 where server_location=7;
   The update number should match the number in the step 5.

7. Remove the saeonocean.co.za/knb/servlet/replication from xml_replication table.
   delete from xml_replication where serverid=7;

8. Start tomcat

I ran the similar commands in my local machine and it worked. But I still request another eye to take a look.

Thanks.

**#2 - 2012-06-11 19:40 - Ben Leinfelder**

Those steps look good. This is not required for the Metacat 2.0.0 upgrade, but it will make for a cleaner product in the long run. We can defer this until we are happy with the 2.0.0 upgrade if you'd like. priority is to get Metacat 2.0.0 deployed.

**#3 - 2012-06-12 20:38 - Jing Tao**

*- Status changed from New to Closed*

It turned out that there were no any documents associated with saeonocean.co.za in both xml_documents and xml_revisions table. But it do have some documents associated with saeonmetacat. I delete the saeonocean items successfully. Now the replication table looks like:

```
metacat=> select * from xml_replication;
serverid |                  server                   | last_checked | replicate | datareplicate | hub
----------+-------------------------------------------+--------------+-----------+---------------+-----
       1 | localhost                                 |              |         0 |             0 |   0
       4 | datapha.saeon.ac.za/knb/servlet/replication |            |         0 |             0 |   0
       8 | saeonmetacat.co.za/knb/servlet/replication  |            |         1 |             1 |   0
       2 | knb.ecoinformatics.org/knb/servlet/replication |         |         0 |             0 |   0
(4 rows)
```