

Infrastructure - Task #7321

Story # 7259 (Closed): A DEV2 development environment is needed for upgrade testing

Populate DEV2 MNs with real-world test data

2015-08-27 21:38 - Chris Jones

Status:	Closed	Start date:	2015-08-27
Priority:	Normal	Due date:	
Assignee:	Chris Jones	% Done:	100%
Category:	Environment.Development2	Estimated time:	0.00 hour
Target version:	CCI-2.0.0	Story Points:	
Milestone:	None		
Product Version:	*		
Description			
To test V2 functionality in a mixed V1/V2 environment, we need to start out with data and metadata similar to the production environment. Populate the DEV2 MNs with data from a few of the production MNs. Modify replication policies to force replication so we can test that functionality.			

History

- #1 - 2015-08-27 21:48 - Chris Jones
- Status changed from In Progress to Closed
 - % Done changed from 30 to 100
 - translation missing: en.field_remaining_hours set to 0.0

The 4 Metacat VMs have been populated with data from:

- urn:node:KNB (to urn:node:mnDevUCSB1)
- urn:node:DRYAD (to urn:node:mnDevUCSB2)
- urn:node:IARC (to urn:node:mnDevUNM1)
- urn:node:NMEPSCOR (to urn:node:mnDevUNM2)

which gives a diverse selection of data and metadata to test with. All MNs are Tier 4, so have participated in replication. We currently have the following original data:

```
metacat=# select origin_member_node, count(guid) as cnt from systemmetadata group by origin_member_node order by origin_member_node;
origin_member_node | cnt
-----+-----
urn:node:cnDevUCSB2 | 2
urn:node:mnDevUCSB1 | 3915
urn:node:mnDevUCSB2 | 12513
urn:node:mnDevUNM1 | 1056
urn:node:mnDevUNM2 | 21
```

All objects have replicated, so for total objects, we have:

```
metacat=# select member_node, status, count(guid) as cnt from smreplicationstatus group by member_node, status order by member_node, status;
member_node | status | cnt
-----+-----+-----
urn:node:cnDev2 | COMPLETED | 10926
urn:node:mnDevUCSB1 | COMPLETED | 13480
urn:node:mnDevUCSB2 | COMPLETED | 15724
urn:node:mnDevUNM1 | COMPLETED | 11832
urn:node:mnDevUNM1 | FAILED | 2
urn:node:mnDevUNM2 | COMPLETED | 11479
urn:node:mnDevUNM2 | FAILED | 3
```

Only looks like a few failures.