

## Infrastructure - Task #6832

Feature # 6498 (Closed): V2 Metacat MN and CN Support

Task # 6734 (Closed): Implement the feature to support SID in MN and CN apis

### How do we check the SID validation in the CN.create method

2015-02-03 21:42 - Jing Tao

<b>Status:</b>	Closed	<b>Start date:</b>	2015-02-03
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Jing Tao	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	CCI-2.0.0	<b>Story Points:</b>	
<b>Milestone:</b>	CCI-2.0		
<b>Product Version:</b>	*		

#### Description

In the CN.create method we will apply those rules for checking SIDs (comply one of them will be fine):

The SID is a unique identifier which doesn't exist in the system.

The SID matches the SID in the system metadata of the object in the "obsoletes" value.

The SID matches the SID in the system metadata of the object in the "obsoletedBy" value.

It is possible that we need information from the previous or next version object to decide if the SID is valid.

However, the synchronization probably doesn't follow the order of the chain itself. It may cause an issue.

Here is an example of chain:

P1(S1) <-> P2(S1) <-> P3(S1) <-> P4(S1)

The order of synchronization can be P1, P4, P3 and P2.

For cn.create(P1), it is fine since the S1 doesn't exist in the system.

For cn.create(P4), we can't decide if the S1 is valid since we don't have the information about the object P3 (it hasn't been synchronized yet).

So we should have some mechanism to fix the issue.

#### History

##### #1 - 2015-04-14 21:44 - Jing Tao

- Status changed from New to Closed

- % Done changed from 0 to 100

- translation missing: en.field\_remaining\_hours set to 0.0

In April 14's meeting, we decided not to check the validation of the sid in CN.create and CN.registerSystemMetadata.