

## Infrastructure - Task #7381

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

Task # 7380 (Closed): Check the v1/v2 api methods, which alter the system metadata, how to handle the set of the modification date and the serial version

### reject to use the v1.cn api calling an object which has a v2 authoritative member

2015-09-23 22:22 - Jing Tao

<b>Status:</b>	Closed	<b>Start date:</b>	2015-09-23
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Jing Tao	<b>% Done:</b>	100%
<b>Category:</b>	Metacat	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	CCI-2.0.0	<b>Story Points:</b>	
<b>Milestone:</b>	None		
<b>Product Version:</b>	*		
<b>Description</b>			
Those methods could be: Those methods should be look are:  CN.setReplicationStatus CN.setReplicationMetadata CN.setReplicationPolicy CN.setAccessPolicy CN.setObsoletedBy CN.setArchive CN.setRightsHolder CN.registerSystemMetadata			

## History

### #1 - 2015-09-29 22:31 - Jing Tao

It is fine for V1 clients to call the v2 cn to change the system metadata of an object whose authoritative member node is the v1. It follows the figure 2a on this page:

It is okay for a v1 client to call an object whose authoritative mn is a v2 node for the following three methods.

[http://jenkins-1.dataone.org/jenkins/job/API%20Documentation%20-%20trunk/ws/api-documentation/build/html/design/UseCases/42\\_uc.html](http://jenkins-1.dataone.org/jenkins/job/API%20Documentation%20-%20trunk/ws/api-documentation/build/html/design/UseCases/42_uc.html)

CN.setReplicationStatus (CN and MN)  
CN.setReplicationMetadata (updateReplicationMetadata?) (CN only)  
CN.deleteReplicationMetadata

We throw an NotAuthorized Exception when a v1 client calls CN on an object whose authoritative is the v2

CN.setReplicationPolicy  
CN.setAccessPolicy  
CN.setArchive  
CN.setRightsHolder  
CN.setObsoletedBy  
CN.registerSystemMetadata (methods callable by CN only)

## #2 - 2015-09-29 22:36 - Jing Tao

The NotAuthorized exception looks like:

NotAuthorized ("The Coordinating Node is not authorized to make systemMetadata changes on this object. Please make changes directly on the authoritative Member Node.")

## #3 - 2015-10-05 23:50 - Jing Tao

- Status changed from New to Closed

- % Done changed from 0 to 100

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

Those methods were implemented the constrain on both v1 and v2 api:

CN.setReplicationPolicy

CN.setAccessPolicy

CN.setObsoletedBy

CN.setArchive

CN.setRightsHolder