

## CN REST - Bug #7336

### ReadOnly exception thrown when not in ReadOnly mode

2015-09-09 14:34 - Robert Waltz

<b>Status:</b>	Closed	<b>Start date:</b>	2015-09-09
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Rob Nahf	<b>% Done:</b>	100%
<b>Category:</b>	d1_synchronization	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	CCI-2.0.0		
<b>Story Points:</b>			
<b>Description</b>			
when executing cn.synchronize on the active CN, d1-processing throws an error: <?xml version="1.0" encoding="UTF-8"?>			
This CN instance has temporarily disabled methods that modify content			

#### Associated revisions

##### Revision 16279 - 2015-09-10 20:17 - Robert Waltz

refs #7336

added debugging messages and a unit test

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##### Revision 16521 - 2015-09-30 20:36 - Rob Nahf

refs #7336. Refactored SettingsContextNodeLocator to restrict returns from getNode() to the one with the URL in D1Client.CN\_URL property. This is in keeping with v1 behavior.

##### Revision 16521 - 2015-09-30 20:36 - Rob Nahf

refs #7336. Refactored SettingsContextNodeLocator to restrict returns from getNode() to the one with the URL in D1Client.CN\_URL property. This is in keeping with v1 behavior.

##### Revision 16523 - 2015-09-30 20:56 - Rob Nahf

refs #7336. Tightened up logic of new NodeListNodeLocators to address non-traditional use.

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#### History

##### #1 - 2015-09-10 21:00 - Robert Waltz

Found these messages in the d1-processing-jsvc.log .

looks like the rest client is defaulting to cn-dev-unm-1

```
[ERROR] 2015-09-10 20:40:47,680 (StdOutErrLog$2:print:51) 51965 [pool-6-thread-1] INFO org.dataone.client.rest.RestClient - rest call info: PUT
```

[https://cn-dev-unm-1.test.dataone.org/cn/v2/replicaMetadata/P1\\_201512892837668](https://cn-dev-unm-1.test.dataone.org/cn/v2/replicaMetadata/P1_201512892837668); MMP message has: FilePart:replicaMetadata = /tmp/mmp.output.4811337101466525710.tmp (280 bytes); ParamPart:serialVersion = 1;

[ERROR] 2015-09-10 20:40:47,680 (StdOutErrLog\$2:print:51) 51966 [pool-6-thread-1] INFO org.dataone.service.util.ExceptionHandler - response httpCode: 500

[DEBUG] 2015-09-10 20:40:47,682 (ReplicationService:updateReplicationMetadata:366) org.dataone.service.exceptions.ServiceFailure: 500: Internal Server Error: Deserializing Text/Plain: Just providing message body:  
<?xml version="1.0" encoding="UTF-8"?>

This CN instance has temporarily disabled methods that modify content

{EndOfMessage}

[ERROR] 2015-09-10 20:40:47,682 (ReplicationService:updateReplicationMetadata:368) Error in calling updateReplicationMetadata(): 500: Internal Server Error: Deserializing Text/Plain: Just providing message body:  
<?xml version="1.0" encoding="UTF-8"?>

This CN instance has temporarily disabled methods that modify content

{EndOfMessage}

## #2 - 2015-09-21 17:25 - Andrei Buium

Robert, could the following also be related?

After science metadata creation on demo-5, checking cn-synchronize log on cn-dev-ucsb-1, found a similar exception:

[DEBUG] 2015-09-21 16:03:14,615 (V2TransferObjectTask:createObject:657)  
Task-urn:node:mnDemo5-testV1CreateV2GetSysmeta\_20152649057987 getting ScienceMetadata  
[ INFO] 2015-09-21 16:03:15,034 (V2TransferObjectTask:createObject:694)  
Task-urn:node:mnDemo5-testV1CreateV2GetSysmeta\_20152649057987 Creating Object  
[ERROR] 2015-09-21 16:03:15,821 (V2TransferObjectTask:processTask:405)  
Task-urn:node:mnDemo5-testV1CreateV2GetSysmeta\_20152649057987  
<?xml version="1.0" encoding="UTF-8"?>

500: Internal Server Error: Deserializing Text/Plain: Just providing message body:  
<?xml version="1.0" encoding="UTF-8"?>  
<error detailCode="4893" errorCode="500" name="ServiceFailure">  
<description>This CN instance has temporarily disabled methods that modify content</description>  
</error>

{EndOfMessage}

[DEBUG] 2015-09-21 16:03:16,032 (V2TransferObjectTask:call:257) Task-urn:node:mnDemo5-testV1CreateV2GetSysmeta\_20152649057987 Unlocked Pid.  
[ INFO] 2015-09-21 16:04:40,269 (SyncObjectTask:reapFutures:233) waiting on 1 futures  
[DEBUG] 2015-09-21 16:04:40,270 (SyncObjectTask:reapFutures:244) trying future  
Task-urn:node:mnDemo5-testV1CreateV2GetSysmeta\_20152649057987  
[DEBUG] 2015-09-21 16:04:40,270 (SyncObjectTask:reapFutures:250) futureMap is done? true  
[DEBUG] 2015-09-21 16:04:40,270 (SyncObjectTask:reapFutures:251) Task-urn:node:mnDemo5-testV1CreateV2GetSysmeta\_20152649057987 Returned from the Future :(1):

**#3 - 2015-09-29 17:54 - Robert Waltz**

- *Category changed from d1\_cn\_service to d1\_synchronization*

This isn't a cn rest problem. synchronization's use of d1-libclient-java assumes that d1-libclient-java can be configured to use a single CN (the CN synchronization is running on). Something in synchronization has changed such that the default cn as specified in /etc/dataone/process/d1client.properties file is ignored or not set or ...?

**#4 - 2015-09-29 19:54 - Rob Nahf**

- *Assignee changed from Robert Waltz to Rob Nahf*

The way the SettingsContextNodeLocator works presently only uses it to get the nodelist, then it figures out among the CNs in the nodelist. This isn't right, so a refactor is needed.

**#5 - 2015-09-30 20:49 - Rob Nahf**

committed fixes to SettingsContextNodeLocator so that it restricts CN calls to the one with the URL from D1Client.CN\_URL property.

**#6 - 2016-01-05 19:07 - Rob Nahf**

- *% Done changed from 30 to 100*

- *Status changed from In Progress to Closed*

reviewed in standup. Robert confirms that it is fixed and can be closed.