

CN REST - Bug #8010

CN.archive fails with 401 Unauthorized when using either MN or CN client certificate for PID with authoritative MN as urn:node:LTER

2017-02-01 20:04 - Mark Servilla

<b>Status:</b>	New	<b>Start date:</b>	2017-02-01
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Jing Tao	<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	CCI-2.4.0		
<b>Story Points:</b>			
<b>Description</b>			
CN.archive fails with 401 Unauthorized when using either MN or CN client certificate for PID with authoritative MN as urn:node:LTER			
-			
MN attempt:			
<pre>curl -i -E ./urn_node_LTER-1.pem -X PUT https://cn.dataone.org/cn/v2/archive/doi:10.6073/AA/knb-lter-bes.437.35 HTTP/1.1 401 Unauthorized Date: Wed, 01 Feb 2017 19:23:20 GMT Server: Apache/2.4.7 (Ubuntu) Content-Type: text/xml Content-Length: 291 Access-Control-Allow-Origin: Access-Control-Allow-Credentials: true Access-Control-Allow-Headers: Authorization, Content-Type, Location, Content-Length, x-annotator-auth-token Access-Control-Expose-Headers: Content-Length, Content-Type, Location Access-Control-Allow-Methods: POST, GET, OPTIONS, PUT, DELETE &lt;?xml version="1.0" encoding="UTF-8"?&gt; The Coordinating Node is not authorized to make systemMetadata changes on this object. Please make changes directly on the authoritative Member Node.</pre>			
CN attempt:			
<pre>curl -i -E ./urn_node_CNUCSB1.pem -X PUT https://cn.dataone.org/cn/v2/archive/doi:10.6073/AA/knb-lter-bes.437.35 HTTP/1.1 401 Unauthorized Date: Wed, 01 Feb 2017 19:29:29 GMT Server: Apache/2.4.7 (Ubuntu) Content-Type: text/xml Content-Length: 291 Access-Control-Allow-Origin: Access-Control-Allow-Credentials: true Access-Control-Allow-Headers: Authorization, Content-Type, Location, Content-Length, x-annotator-auth-token Access-Control-Expose-Headers: Content-Length, Content-Type, Location Access-Control-Allow-Methods: POST, GET, OPTIONS, PUT, DELETE &lt;?xml version="1.0" encoding="UTF-8"?&gt; The Coordinating Node is not authorized to make systemMetadata changes on this object. Please make changes directly on the authoritative Member Node.</pre>			
Object System Metadata:			
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>			
3			
doi:10.6073/AA/knb-lter-bes.437.35			
eml://ecoinformatics.org/eml-2.0.1			
10881			
ecfee77e0d5297ddb74a796fb4c36f02			
uid=BES,o=LTER,dc=ecoinformatics,dc=org			

uid=BES,o=LTER,dc=ecoinformatics,dc=org

uid="BES",o=lter,dc=ecoinformatics,dc=org  
read  
write  
changePermission

public  
read

doi:10.6073/AA/knb-lter-bes.437.34  
doi:10.6073/AA/knb-lter-bes.437.36  
false  
2010-01-08T00:00:00.000+00:00  
2015-08-14T21:03:34.343+00:00  
urn:node:LTER  
urn:node:LTER

urn:node:CN  
completed  
2015-08-14T21:03:31.858+00:00

urn:node:LTER  
completed  
2015-12-25T09:37:20.314+00:00

[/ns3:systemMetadata](#)

## History

### #1 - 2017-02-02 19:07 - Jing Tao

Hi Mark. The error messages say:

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

This means the authoritative node of this object is a v2 node and the member node has the authority on system metadata ( the archive method is considered to change the system metadata). So you can NOT call the archive method by the CN url. You have to call the archive method by a mn rest command.

Does the authoritative node still exist?

### #2 - 2017-03-21 17:10 - Mark Servilla

- Target version set to CCI-2.4.0