

## Infrastructure - Task #2528

Story # 2527 (Closed): Verify AccessRights and ReplicationPolicy REST calls from Python CLI

### Attempt to set access rights fails

2012-03-26 18:25 - Andrew Pippin

<b>Status:</b> Closed	<b>Start date:</b> 2012-03-26
<b>Priority:</b> Normal	<b>Due date:</b>
<b>Assignee:</b> Andrew Pippin	<b>% Done:</b> 100%
<b>Category:</b> d1_client_cli	<b>Estimated time:</b> 0.00 hour
<b>Target version:</b> Sprint-2012.11-Block.2.2	<b>Story Points:</b>
<b>Milestone:</b> CCI-1.0.0	
<b>Product Version:</b> *	

**Description**

Cannot set access rights via the CLI.

```
setaccess abp-20120326T1857Z
DEBUG baseURL: https://cn-dev-3.dataone.org/cn
DEBUG operation: PUT /cn/v1/accessRules/abp-20120326T1857Z
DEBUG headers: {'Content-Length': 513, 'Charset': 'utf-8', 'Content-Type': 'multipart/form-data;
boundary=-----6B3C785C-6290-11DF-A355-A6ECDED72085_$', 'Accept': 'application/xml', 'User-Agent': 'pyd1/1.0.0c4 +
http://dataone.org/}
ERROR Unable to set access policy on: abp-20120326T1857Z
ERROR Error:
ERROR InvalidRequest: The 'serialVersion' must be provided as a parameter and was not.
```

MIME Multipart:

```
-----6B3C785C-6290-11DF-A355-A6ECDED72085_$
Content-Disposition: form-data; name="serialVersion"

1
-----6B3C785C-6290-11DF-A355-A6ECDED72085_$
Content-Disposition: form-data; name="accessPolicy"; filename="accessPolicy.xml"
Content-Type: application/xml

<?xml version="1.0" ?>publicread/ns1:accessPolicy
-----6B3C785C-6290-11DF-A355-A6ECDED72085_$--
```

**Related issues:**

Related to Infrastructure - Task #2539: Incorrect serial version being used f...	<b>Closed</b>	<b>2012-03-26</b>
Related to Infrastructure - Bug #2526: Parameters retrieved incorrectly in CN...	<b>Closed</b>	<b>2012-03-26</b>

### History

#### #1 - 2012-03-26 18:33 - Andrew Pippin

- Category set to d1\_client\_cli
- Status changed from New to In Progress
- Assignee set to Andrew Pippin

#### #2 - 2012-03-26 18:59 - Andrew Pippin

CNAuthorization.setAccessPolicy() appears to be getting the serialVersion from the query string and not from the MIME Multipart as specified in the API:

[http://mule1.dataone.org/ArchitectureDocs-current/apis/CN\\_APIs.html#CNAuthorization.setAccessPolicy](http://mule1.dataone.org/ArchitectureDocs-current/apis/CN_APIs.html#CNAuthorization.setAccessPolicy)

The following cURL worked:

```
curl -k -E ~/.ssh/pippin.pem --request PUT \  
--form "accessPp.xml;filename=accessPolicy;type=application/xml" \  
--trace trace.out \  
https://cn-dev-3.dataone.org/cn/v1/accessRules/abp-20120326T1857Z?serialVersion=9
```

### **#3 - 2012-03-28 13:27 - Chris Jones**

This was addressed on 3/26/2012 in [r7090](#) of CNResourceHandler in Metacat, but hadn't been deployed yet. It's now deployed in the DEV environment, and will be deployed in the SANDBOX environment in the next tagged RC.

### **#4 - 2012-03-28 15:22 - Andrew Pippin**

- *Status changed from In Progress to Closed*

- *% Done changed from 0 to 100*

Now that Metacat's CNResourceHandler has been changed, the call succeeds.