

## Infrastructure - Bug #7280

### v2 get() using a SID yields ServiceFailure

2015-07-29 17:42 - Andrei Buium

<b>Status:</b>	Closed	<b>Start date:</b>	2015-07-29
<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>	*		

#### Description

Problem:

Calling get() against the v2 endpoint on [https://mn-demo-6.test.dataone.org/knb/d1/mn/v2/object/S1\\_201521010107836](https://mn-demo-6.test.dataone.org/knb/d1/mn/v2/object/S1_201521010107836) yields a ServiceFailure (errorCode 500, detailCode 0000)

Scenario:

This was called through libclient from SidMNTTestImplementations (SidCommonTestImplementations) . testGet() with context.mn.baseurl = <https://mn-demo-6.test.dataone.org/knb/d1/mn>

Metacat logs contained:

```
metacat 20150729-17:12:20: [DEBUG]: objectId: S1_201521010107836 [edu.ucsb.nceas.metacat.restservice.D1ResourceHandler]
metacat 20150729-17:12:20: [DEBUG]: verb:1 [edu.ucsb.nceas.metacat.restservice.D1ResourceHandler]
```

...

```
metacat 20150729-17:12:20: [DEBUG]: P1_201521010107835 is a type 1 end for sid S1_201521010107836
[edu.ucsb.nceas.metacat.IdentifierManager]
```

```
metacat 20150729-17:12:20: [INFO]: It is an ideal for sid S1_201521010107836 [edu.ucsb.nceas.metacat.IdentifierManager]
```

...

```
metacat 20150729-17:12:20: [ERROR]: class java.lang.NullPointerException: null
[edu.ucsb.nceas.metacat.restservice.D1ResourceHandler]
java.lang.NullPointerException
at edu.ucsb.nceas.metacat.restservice.v2.MNResourceHandler.getObject(MNResourceHandler.java:1189)
at edu.ucsb.nceas.metacat.restservice.v2.MNResourceHandler.handle(MNResourceHandler.java:281)
at edu.ucsb.nceas.metacat.restservice.D1RestServlet.doGet(D1RestServlet.java:75)
```

...

```
metacat 20150729-17:12:20: [ERROR]: D1ResourceHandler: Serializing exception with code 500: null
[edu.ucsb.nceas.metacat.restservice.D1ResourceHandler]
org.dataone.service.exceptions.ServiceFailure
at edu.ucsb.nceas.metacat.restservice.v2.MNResourceHandler.handle(MNResourceHandler.java:514)
at edu.ucsb.nceas.metacat.restservice.D1RestServlet.doGet(D1RestServlet.java:75)
```

#### History

##### #1 - 2015-07-29 22:57 - Jing Tao

- Status changed from New to In Progress

- % Done changed from 0 to 30

Fixed the issue that we didn't check sm.getMediaType() is null or not. I tested this locally and it worked. I am waiting for Andrei to test it.

##### #2 - 2015-07-30 15:47 - Jing Tao

- Status changed from In Progress to Closed

- % Done changed from 30 to 100

Andrei verified that the bug was fixed.