

## Member Nodes - Task #8511

MNDeployment # 5451 (Operational): Cary Institute (via Figshare)

Story # 8509 (Closed): Figshare: Development & Testing

### Figshare: Develop or Implement MN Software

2018-03-20 17:53 - Amy Forrester

<b>Status:</b>	Closed	<b>Start date:</b>	2018-03-20
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Monica Ihli	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			
<b>Story Points:</b>			
<b>Description</b>			
<ul style="list-style-type: none"><li>• Change node's primary MNDeployment ticket status to Testing.</li><li>• Identity Management:<ul style="list-style-type: none"><li>◦ Confirm what nodeID will be used.</li><li>◦ Register NCEAS LDAP (<a href="https://identity.nceas.ucsb.edu/">https://identity.nceas.ucsb.edu/</a>) because cert download auth is maintained by separate system.</li><li>◦ Use Use cilgon to generate a DataONE LDAP account by logging into DataONE test env. (Sign-in link at <a href="https://search-stage.test.dataone.org">https://search-stage.test.dataone.org</a>)</li></ul></li><li>• DataONE Certificate:<ul style="list-style-type: none"><li>◦ Request in #CI for a sandbox or stage D1 certificate generated available to NCEAS uid.</li><li>◦ Cert/key downloaded by node operator.</li></ul></li></ul> <p><b>For a custom implementation of DataONE APIs as new service:</b></p> <ul style="list-style-type: none"><li>• MN implements full scope of Member Node APIs.</li><li>• API methods systematically verified by D1 tech lead.</li><li>• Passes web tester checks (<a href="http://mncheck.test.dataone.org:8080">http://mncheck.test.dataone.org:8080</a>)</li></ul> <p><b>For a DataONE Software Stack</b></p> <ul style="list-style-type: none"><li>• Install software, SSL cert, and DataONE cert per installation instructions.</li><li>• If using LE cert, schedule cron for renewal.</li><li>• Configure software as appropriate (baseURL, Node Contact Subject, replication, etc).</li></ul> <p><b>For a SlenderNode:</b></p> <ul style="list-style-type: none"><li>• Develop adapter.</li><li>• Fully test movement of data from source system to target MN software.</li><li>• Install on MN web server and schedule cron job. Verify cron is running as expected.</li></ul> <p><b>For both:</b></p> <ul style="list-style-type: none"><li>* Verify system metadata of test records. Ensure correct node URI value in auth/orig MN.</li><li>* Verify node description document. Ensure that Contact Subject is set to the DataONE LDAP identity string.</li></ul>			

#### History

##### #1 - 2018-04-16 14:32 - Monica Ihli

Figshare confirms that identifier handling can vary from source to source. Will ensure that identifier handling is individually mediated within adapter code.

**#2 - 2018-06-14 14:04 - Amy Forrester**

6/13/18: from Tudor Panescu [tudor@figshare.com](mailto:tudor@figshare.com)

As the Cary Institute has just recently moved to production, I wanted to be sure to share this update with you, but also to provide you with this information, which I believe you'll find helpful as we finalize everything:

[https://api.figshare.com/v2/oai?verb=ListRecords&metadataPrefix=oai\\_dc&set=portal\\_376](https://api.figshare.com/v2/oai?verb=ListRecords&metadataPrefix=oai_dc&set=portal_376).

**#3 - 2018-08-28 14:12 - Monica Ihli**

**Finalizing Figshare Identifier handling:**

- “no matter how many versions a figshare items has, in OAI-PMH you will always see one record (with a persistent OAI identifier). What changes between versions is the value of, for example, dc:identifier field, which will reflect the latest DOI that was minted for that specific item.”
- Minor changes may not be reflected in version number (dc: identifier) change.
- However, even minor changes WILL appear in OAI harvest, regardless of whether or not identifier changes, because date modified will change.
- So our question: Do we want to enforce versioning via checksum or can we just allow the MN to decide what versions they want to enforce.
- ANSWER: We will FOR NOW use contents of OAI-PMH identifier (system identifier) for SID dc:identifier (doi) as the PID for now, understanding that some minor revisions will not be captured. However, will explore future solutions for improving upon this.
- Will look at adding a log entry to keep track of how often a record appears with new modified date but without a change to dc:identifier field

**#4 - 2018-09-25 14:20 - Monica Ihli**

- % Done changed from 0 to 100

- Assignee set to Monica Ihli

- Status changed from New to Closed