

## Member Nodes - MNDeployment #3708

### Minnesota Population Center

2013-04-04 18:56 - Rebecca Koskela

<b>Status:</b>	Operational	<b>Start date:</b>	2013-10-15
<b>Priority:</b>	Normal	<b>Due date:</b>	2013-11-04
<b>Assignee:</b>	Laura Moyers	<b>% Done:</b>	89%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	Operational	<b>MN_Date_Online:</b>	2014-12-22
<b>Latitude:</b>	44.97	<b>Name:</b>	
<b>Longitude:</b>	-93.23	<b>Logo URL:</b>	
<b>MN Description:</b>	The Minnesota Population Center disseminates integrated census and survey data from the U.S. and around the world; spatial boundary data for U.S. and international administrative units; and global environmental data on topics including land use, land cover, and climate.		
<b>Base URL:</b>	https://www.pop.umn.edu/index.php	<b>Date Upcoming:</b>	
<b>NodeIdentifier:</b>	urn:node:US_MPC	<b>Date Deprecated:</b>	
<b>MN Tier:</b>	Tier 4	<b>Information URL:</b>	
<b>Software stack:</b>	Slender Node	<b>Version:</b>	
<b>Description</b>			
The Minnesota Population Center would like to become a Member Node. The project director is also PI on the Terra Populus:A Global Population/Environment Data Network (TerraPop) DataNet. The MN description form has been completed and is attached to this ticket.			
<b>Subtasks:</b>			
Task # 4089: Schedule follow-up meeting with MPC for November			Closed
Task # 4090: Establish technical contacts between CCIT and MPC folks; determine coredev...			Closed
Task # 4139: Touch base with MPC to see who to have in follow-up telecon in mid- to lat...			Closed
Task # 5530: MPC PROD: Generate client certificate for urn:node:MPC			Closed
Task # 5909: MPC: Planning			Closed
Task # 5910: MPC: Join DataONE			Closed
Task # 5911: MPC: Integrate MN representatives with community			Closed
Task # 5912: MPC: Create DataONE identities			Closed
Task # 5913: MPC: Create MN description document			Closed
Task # 5914: MPC: Scope the implementation			Closed
Task # 5915: MPC: Plan the implementation			Closed
Task # 5916: MPC: Developing			Closed
Task # 5917: MPC: Design, code and component test a new MN implementation			Closed
Task # 5918: MPC: Local Testing			Closed
Task # 5919: MPC: Verify that MN passes the Web Tester			Closed
Task # 5920: MPC: Verify that MN passes the Replication Tester			Closed
Task # 5921: MPC: Testing			Closed
Task # 5922: MPC: Registration in environment			Closed
Task # 5923: MPC: Register new Science Metadata formats			Closed
Task # 5924: MPC: SSL Certificates			Closed
Task # 5925: MPC: Generate client certificate.			Closed
Task # 5926: MPC: Verify successful installation of client side certificate			Closed
Task # 5927: MPC: Verify successful installation of server side certificate			Closed

Task # 5928: MPC: Register MN	Closed
Task # 5929: MPC: Set up Node document	Closed
Task # 5930: MPC: Set the node status to approved (start synchronization)	Closed
Task # 5931: MPC: Synchronization	Rejected
Task # 5932: MPC: Set up synchronization of the MN	Rejected
Task # 5933: MPC: Content Review	Closed
Task # 5934: MPC: Verify Science Data	Closed
Task # 5935: MPC: Verify Science Data content	Closed
Task # 5936: MPC: Verify that the Science Data is returned with the correct HTTP Conten...	Closed
Task # 5937: MPC: Verify Science Metadata	Closed
Task # 5938: MPC: Verify Science Metadata content	Closed
Task # 5939: MPC: Verify Science Metadata is returned with the correct HTTP Content-Type	Closed
Task # 5940: MPC: Verify that the Science Metadata is correctly processed by CNs	Closed
Task # 5941: MPC: Verify Resource Maps	Closed
Task # 5942: MPC: Verify Resource Map content	Closed
Task # 5943: MPC: Verify Resource Map is returned with the correct HTTP Content-Type	Closed
Task # 5944: MPC: Verify that Resource Maps are correctly processed by CNs.	Closed
Task # 5949: MPC: Replication testing (if Tier 4)	Closed
Task # 5978: MPC: Transition to production	Closed
Task # 5979: MPC: Mutual acceptance	Closed
Task # 5980: MPC: Verify content available for Current MNs web page	Closed
Task # 5981: MPC: Create legal documents	Closed
Task # 5982: MPC: Create news item	Closed
Task # 5983: MPC: Formal announcement	Closed
Task # 8258: (MPC) unable to connect to MN	Closed
Task # 8668: MPC- upgrade GMN version 1.2.10 to 3.0.4	New
<b>Related issues:</b>	
Related to Infrastructure - Story #4172: Support for Data Documentation Initi...	Rejected
Blocked by Infrastructure - Story #4088: Design and schedule Slender Node bas...	Closed

## History

### #1 - 2013-07-31 15:07 - Laura Moyers

7/26/13 MN Wranglers meeting: Rebecca spoke to Steve Ruggles @ Minnesota Population Center. They WILL need logins (user authentication before download of data). Looking at later in PY5. Rebecca to find out what kind of authentication they are using now; answer technical questions with Cathy Fitch/Wendy Thomas

### #2 - 2013-10-01 13:29 - Laura Moyers

- Status changed from New to Planning

In a meeting with MPC on 9/30/13, we made plans to put MPC technical folks in contact with D1 CCIT folks. Follow-up meeting early November.

### #3 - 2013-10-04 22:21 - John Cobb

- Assignee changed from John Cobb to Bruce Wilson

### #4 - 2013-10-15 13:16 - Bruce Wilson

Notes from 9/30/13 telecon are at <http://epad.dataone.org/MPC-and-DataONE>. They have their own internal software (includes using ESRI tools). They're interested in initially publishing metadata to DataONE. A clean way of harvesting metadata is useful. SlenderNode (OAI-PMH harvester) could be a very relevant option for MPC, as this would let them stand up OAI-PMH and make the data available to multiple projects, not just DataONE.

**#5 - 2013-10-29 16:50 - Bruce Wilson**

- Due date set to 2014-07-31
- Target version set to Deploy by end of Y5Q4
- Start date set to 2013-10-29

epad at <http://epad.dataone.org/MPC-and-DataONE> updated with notes from today's discussion. Key issue will be how to get first the metadata from MPC to DataONE. MPC also needs to address how they want to handle identifiers for data and metadata. Tentatively scheduling for end of year 5 based on the current level of effort anticipated and technical questions that need to be resolved.

**#6 - 2013-11-02 14:58 - Bruce Wilson**

- Software stack set to Slender Node
- Latitude set to 44.97
- Longitude set to -93.23
- MN Tier set to Tier 1
- OAI-PMH Stack set to TBD
- Base URL set to <https://www.pop.umn.edu/index.php>

Good discussion this week via email; follow-up telecon planned. The OAI-PMH approach with the (planned) slender node is the most desirable option for MPC at this point. That would make them a primarily metadata member node. They do understand and are interested in making data more directly available. A key issue is that they do data set assembly on the fly, using a mixture of some data in databases and some in files. They are also looking at an overall restructure of several of their services. For metadata, key challenges are agreeing on a metadata format (which DataONE may need to add) and working how they want to serve their metadata, which is all in a database at this point.

**#7 - 2013-11-11 15:21 - Bruce Wilson**

Met with MPC staff 2013-11-11; notes on epad at <http://epad.dataone.org/MPC-and-DataONE>.

MPC to work on determining which stack to use for OAI-PMH; DataONE needs to work on the Slender Node implementation to consume OAI-PMH (Dublin Core). We do need to advise MPC of any limitations we place on Dublin Core and it would be useful to note what extensions we support. Note that their metadata will link to a landing page. Data is not available on-demand, by and large.

**#8 - 2014-04-21 11:18 - Laura Moyers**

- Status changed from Planning to Testing

**#9 - 2014-07-03 18:15 - Laura Moyers**

- NodeIdentifier set to urn:node:MPC

**#10 - 2014-08-04 18:47 - Laura Moyers**

- Due date changed from 2014-07-31 to 2014-10-31
- Target version changed from Deploy by end of Y5Q4 to Deploy by end of Y1Q1

**#11 - 2014-09-29 21:30 - Laura Moyers**

- Target version changed from Deploy by end of Y1Q1 to Deploy by end of NCTE

**#12 - 2014-12-03 21:21 - Laura Moyers**

- NodeIdentifier changed from urn:node:MPC to urn:node:US\_MPC

In their nodeID, MPC wants to mirror us.mpc, the identifier registered with the DDI Alliance. Use of "." in nodeIDs is problematic, hence the use of "\_" to retain a country\_node format.

Also, see the updated Member Node Description Document on ticket <https://redmine.dataone.org/issues/5913>; the MNDD attached here is the original and is obsolete.

**#13 - 2015-01-02 16:42 - Laura Moyers**

- Target version changed from Deploy by end of NCTE to Operational
- Due date changed from 2014-10-31 to 2013-10-15
- MN\_Date\_Online set to 2014-12-22
- Status changed from Testing to Operational

**#14 - 2015-04-16 01:05 - Laura Moyers**

- Assignee changed from Bruce Wilson to Laura Moyers

**#15 - 2015-05-23 00:12 - Laura Moyers**

- MN Description set to The Minnesota Population Center disseminates integrated census and survey data from the U.S. and around the world; spatial boundary data for U.S. and international administrative units; and global environmental data on topics including land use, land cover, and climate.

**#16 - 2016-04-08 16:51 - Laura Moyers**

- MN Tier changed from Tier 1 to Tier 4

MPC is a GMN (needs to be updated).

**#17 - 2018-01-09 21:09 - Dave Vieglais**

- Sprint set to Ongoing Operational

**#18 - 2018-02-07 02:28 - Monica Ihli**

- Subject changed from Minnesota Population Center to Minnesota Population Center

**Files**

Member_Node_Description_Form_MPC.docx	299 KB	2013-04-04	Rebecca Koskela
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