

## Member Nodes - MNDeployment #6708

### NEON - National Ecological Observatory Network

2014-12-16 10:15 - Laura Moyers

<b>Status:</b>	Operational	<b>Start date:</b>	2019-06-06
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Bruce Wilson	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	Operational	<b>MN_Date_Online:</b>	2016-07-13
<b>Latitude:</b>	40.02	<b>Name:</b>	
<b>Longitude:</b>	-105.28	<b>Logo URL:</b>	
<b>MN Description:</b>	NEON is a continental-scale ecological observation facility sponsored by the National Science Foundation to gather and synthesize data on the impacts of climate change, land use change and invasive species on natural resources and biodiversity.		
<b>Base URL:</b>	http://www.neoninc.org/	<b>Date Upcoming:</b>	
<b>NodeIdentifier:</b>	urn:node:NEON	<b>Date Deprecated:</b>	
<b>MN Tier:</b>	Tier 1	<b>Information URL:</b>	
<b>Software stack:</b>	metacat	<b>Version:</b>	
<b>Description</b> <p>Explore opportunities for collaboration with NEON (<a href="http://www.neoninc.org">http://www.neoninc.org</a>), currently in development. They plan to be fully operational in 2017.</p> <p>The NEON observatory collects and provides high-quality, standardized data from its 106 sites (60 terrestrial, 36 aquatic and 10 aquatic experimental) across the U.S. (including Alaska, Hawaii and Puerto Rico) using instrument measurements and field sampling. The sites have been strategically selected to represent different regions of vegetation, landforms, climate, and ecosystem performance. NEON will combine site-based data with remotely sensed data and existing continental-scale data sets (e.g., satellite data) to provide a range of scaled data products that can be used to describe changes in the nation's ecosystem through space and time.</p>			
<b>Subtasks:</b> <p>Task # 8816: x509 certs have expired</p>			
			<b>Closed</b>

#### History

##### #1 - 2015-08-25 19:01 - Laura Moyers

- NodeIdentifier set to urn:node:NEON
- Target version set to Deploy by end of Y2Q1
- Base URL set to http://www.neoninc.org/
- MN Description set to NEON is a continental-scale ecological observation facility sponsored by the National Science Foundation to gather and synthesize data on the impacts of climate change, land use change and invasive species on natural resources and biodiversity.

Most recent meeting Friday 21 August 2015. See notes: [https://epad.dataone.org/pad/p/NEON\\_and\\_DataONE](https://epad.dataone.org/pad/p/NEON_and_DataONE)

##### #2 - 2015-10-20 01:46 - Laura Moyers

- Target version changed from Deploy by end of Y2Q1 to In Progress

##### #3 - 2015-11-16 18:54 - Laura Moyers

- % Done changed from 0 to 10
- Status changed from New to Planning

**#4 - 2016-01-27 17:49 - Laura Moyers**

- *Target version deleted (In Progress)*
- *Status changed from Planning to Deferred*

Activity on the NEON MN is deferred for the immediate future.

**#5 - 2016-03-07 18:00 - Laura Moyers**

Note from Christine Laney at NEON 3/2/16:

This email is to introduce you to Joe Zoller, our software engineer who will be standing up the DataONE API here at NEON. I wanted to put you in touch for any questions that you may have for one another. EML progress continues as well; we hope to have some valid documents ready in the next couple of weeks.

From Joe Zoller at NEON 3/3/16:

I'll be meeting with our IT folks today to spec out an internal test VM, and a DMZ VM for the Member Node. Since we're a Java shop using Oracle's flavor of CentOS, we are planning on using Metacat (at least to start with).

There will be more questions as we get into the process, but the online docs seem good. For the moment, is there any technical advice that you have for the team here?

I'm following the Member Node Deployment Checklist, but it's pretty high level. Other than actually setting up the API, what deliverables that need to be fulfilled during this process?

**#6 - 2016-05-16 17:42 - Laura Moyers**

- *Target version set to Deploy by end of Y2Q4*

**#7 - 2016-05-16 17:45 - Laura Moyers**

- *MN Tier set to Tier 1*
- *Status changed from Deferred to Testing*
- *% Done changed from 10 to 50*
- *Software stack set to metacat*

Initial development work is completed, and NEON is beginning the first phase of testing in Stage.

**#8 - 2016-07-02 12:40 - Laura Moyers**

- *File DataONE\_NEON\_MOU\_FE 07012016.pdf added*

Signed DataONE-NEON MOU attached.

**#9 - 2016-07-02 13:01 - Laura Moyers**

- *File Blue NEON Logo with Lettering.pdf added*
- *File Member\_Node\_Description\_Form\_NEON.pdf added*

NEON MNDD and logo attached

**#10 - 2016-07-11 14:44 - Laura Moyers**

- % Done changed from 50 to 80
- Status changed from Testing to In Review

Plan to announce 7/13/16

**#11 - 2016-07-13 04:07 - Amber Budden**

- File NEON\_288.png added

Updating with new NEON logo (from Christine Laney via email 07/12/16)

**#12 - 2016-07-13 22:47 - Laura Moyers**

- Target version changed from Deploy by end of Y2Q4 to Operational
- Status changed from In Review to Operational

Announced 7/13/16.

<https://www.dataone.org/news/neon-joins-dataone-federation>

NEON's announcement: <http://www.neonscience.org/updates-events/update/neon-partners-dataone-enhance-data-discoverability>

**#13 - 2016-07-14 12:04 - Laura Moyers**

- MN\_Date\_Online set to 2016-07-13

**#15 - 2017-08-29 09:22 - Laura Moyers**

- Start date set to 2016-03-02

Updating start date based on review of email history. NEON had done some preliminary metadata work in the fall of 2015, but actual development of the NEON MN didn't begin until March 2016.

**#16 - 2017-12-18 20:21 - Amy Forrester**

John Clark departed NEON a while back - Christine Laney will keep us updated

**#17 - 2018-01-09 20:56 - Dave Vieglaiss**

- Sprint set to Ongoing Operational

**#18 - 2018-03-26 16:56 - Amy Forrester**

- Longitude changed from 105.28 to -105.28

**Files**

DataONE_NEON_MOU_FE 07012016.pdf	1.09 MB	2016-07-02	Laura Moyers
Member_Node_Description_Form_NEON.pdf	160 KB	2016-07-02	Laura Moyers
Blue NEON Logo with Lettering.pdf	267 KB	2016-07-02	Laura Moyers
NEON_288.png	54.3 KB	2016-07-13	Amber Budden