Member Nodes - MNDeployment #3532

DFC Member Node

2013-01-30 20:00 - John Cobb

Status:	Closed	**Start date:**	2013-10-04
Priority:	Normal	**Due date:**	
Assignee:	Dave Vieglais	**% Done:**	100%
Category:		**Estimated time:**	0.00 hour
Target version:			
Latitude:	35.91	**MN_Date_Online:**	
Longitude:	-79.04	**Name:**	
MN Description:	The DataNet Federation Consortium (DFC) Hydro-NEXRAD rainfall accumulation data for the Carolinas, Maryland, and Virginia uses Hydro-NEXRAD algorithms and NEXRAD data from the NOAA National Centers for Environmental Information (NCEI) to provide spatial datasets that estimate rainfall accumulation at 15-minute time intervals.	**Logo URL:**	
Base URL:	http://datafed.org/	**Date Upcoming:**	
NodeIdentifier:	urn:node:DFC	**Date Deprecated:**	
MN Tier:	Tier 1	**Information URL:**	
Software stack:	iRODS	**Version:**	

Description

Member node implementation to connect with Datanet Federation Consortium (DFC) datanet project. DFC Implementation is iRODS so iRODS <--> DataONE Service Programming interface is needed

Subtasks:

Task # 4044: (Waiting for) Development plan for DFC clarifications	**Closed**
Task # 6079: DFC: Initial Preparation	**Closed**
Task # 6080: DFC: Establish contact with potential MN organization	**Closed**
Task # 6081: DFC: Determine feasibility	**Closed**
Task # 6082: DFC: Planning	**Closed**
Task # 6083: DFC: Join DataONE	**Closed**
Task # 6084: DFC: Integrate MN representatives with community	**Closed**
Task # 6085: DFC: Create DataONE identities	**Closed**
Task # 6086: DFC: Create MN description document	**Closed**
Task # 6087: DFC: Scope the implementation	**Closed**
Task # 6088: DFC: Plan the implementation	**Closed**
Task # 6089: DFC: Developing	**Closed**
Task # 6090: DFC: (monitor) Design, code and component test a new MN implementation	**Closed**
Task # 6091: DFC: Local Testing	**Closed**
Task # 6092: DFC: Verify that MN passes the Web Tester	**Closed**
Task # 6772: Look at sample files from Lisa	**Closed**
Task # 6094: DFC: Testing	**Closed**
Task # 6095: DFC: Registration in environment	**Closed**
Task # 6096: DFC: Register new Science Metadata formats	**Closed**
Task # 6097: DFC: SSL Certificates	**Closed**
Task # 6098: DFC: Generate client certificate.	**Closed**
Task # 6099: DFC: Verify successful installation of client side certificate	**Closed**

Task # 6100: DFC: Verify successful installation of server side certificate	**Closed**
Task # 6104: DFC: Synchronization	**Closed**
Task # 6105: DFC: Set up synchronization of the MN	**Closed**
Task # 6106: DFC: Verify MN Content and Services in Testing Environment	**Closed**
Task # 6118: DFC: Check Authentication and Authorization in Testing Environment	**Closed**
Task # 6119: DFC: Science Data access	**Closed**
Task # 6120: DFC: Science Metadata access	**Closed**
Task # 6121: DFC: Log record access	**Closed**
Task # 6123: DFC: Registration in PRODUCTION environment	**Closed**
Task # 6124: DFC: Register new Science Metadata formats	**Closed**
Task # 6125: DFC: SSL Certificates	**Closed**
Task # 6126: DFC: Generate client certificate.	**Closed**
Task # 6127: DFC: Verify successful installation of client side certificate	**Closed**
Task # 6129: DFC: Register MN	**Closed**
Task # 6130: DFC: Set up Node document	**Closed**
Task # 6131: DFC: Set the node status to approved (start synchronization)	**Closed**
Task # 6132: DFC: Synchronization	**Closed**
Task # 6133: DFC: Set up synchronization of the MN	**Closed**
Task # 6134: DFC: Content Review	**Closed**
Task # 6151: DFC: Transition to production	**Closed**
Task # 6152: DFC: Mutual acceptance	**Rejected**
Task # 6153: DFC: Verify content available for Current MNs web page	**Closed**
Task # 6154: DFC: Create legal documents	**Closed**
Task # 6155: DFC: Create news item	**Closed**
Task # 6156: DFC: Formal announcement	**Rejected**
Task # 7683: Show DFC as "upcoming" on the MN dashboard	**Closed**
Task # 7704: DFC: refresh sandbox and retest	**Closed**

Related issues:	
Related to Infrastructure - Story #4073: iRODS MN Stack development	**Closed**

History

#1 - 2013-01-30 20:01 - John Cobb

- translation missing: en.field_remaining_hours set to 0.0

- Tracker changed from Task to MNDeployment

- Start date deleted (2013-01-30)

#2 - 2013-01-30 20:02 - John Cobb

- Due date set to 2013-07-31

- Target version set to Deploy by end of Y4Q4

- Start date set to 2013-01-30

#3 - 2013-01-30 20:46 - Matthew Jones

- Due date changed from 2013-07-31 to 2014-01-31

- Target version changed from Deploy by end of Y4Q4 to Deploy by end of Y5Q2

#4 - 2013-08-08 10:21 - Laura Moyers

- Longitude set to -79.04

- Latitude set to 35.91

#5 - 2013-08-26 18:25 - Matthew Jones

Lisa Stillwell from RENCI contacted me about implementing DataONE API support for iRODS. She has been given this task on their end, and wanted an overview. We met via telephone for about 90 minutes on 8/23/2013 to discuss the process. I gave her a brief overview of the DataONE MN API

and discussed the process of developing a software stack. We also reviewed the issues surrounding PIDs, SIDs, immutability, logging, and other potential issues. I sent her an email with information on how to get started on development, including where to get documentation on libclient, how to reach us on IRC and the developers list, etc. I offered that we are more than happy to help with any issues that arise.

#6 - 2013-10-01 17:46 - Laura Moyers

- Software stack set to iRODS

#7 - 2013-10-01 17:54 - Bruce Wilson

- Status changed from New to Ready

- MN Tier set to Tier 1

#8 - 2013-10-09 15:06 - Bruce Wilson

- Due date changed from 2014-01-31 to 2014-04-30

- Target version changed from Deploy by end of Y5Q2 to Deploy by end of Y5Q3

Based on current progress, I'm moving the target for this out to Q3. Based on current progress, anticipating implementation after January seems most likely.

#9 - 2014-01-17 15:41 - Bruce Wilson

- Due date changed from 2014-04-30 to 2014-07-31

- Target version changed from Deploy by end of Y5Q3 to Deploy by end of Y5Q4

#10 - 2014-05-29 19:10 - Bruce Wilson

Corresponded with Lisa Stillwell. Making progress. She's assembling questions for next steps.

#11 - 2014-08-06 18:23 - Laura Moyers

- Target version changed from Deploy by end of Y5Q4 to Deploy by end of Y1Q1

- Due date changed from 2014-07-31 to 2014-10-31

#12 - 2015-01-23 16:21 - Laura Moyers

- Target version changed from Deploy by end of Y1Q1 to Deploy by end of Y1Q3

#13 - 2015-04-08 15:01 - Laura Moyers

DFC POC is Chris Lenhardt (clenhardt@renci.org).

#14 - 2015-05-13 15:52 - Laura Moyers

- Target version changed from Deploy by end of Y1Q3 to Deploy by end of Y1Q4

#15 - 2015-05-30 00:52 - Laura Moyers

- NodeIdentifier set to urn:node:DFC

#16 - 2015-09-01 13:43 - Laura Moyers

- Target version changed from Deploy by end of Y1Q4 to Deploy by end of Y2Q1

#17 - 2015-12-03 20:51 - Laura Moyers

- Target version changed from Deploy by end of Y2Q1 to Deploy by end of Y2Q2

#18 - 2016-03-21 17:02 - Laura Moyers

- Base URL set to http://datafed.org/

- MN Description set to The DataNet Federation Consortium (DFC) Hydro-NEXRAD rainfall accumulation data for the Carolinas, Maryland, and Virginia uses Hydro-NEXRAD algorithms and NEXRAD data from the NOAA National Centers for Environmental Information (NCEI) to provide spatial datasets that estimate rainfall accumulation at 15-minute time intervals.

Added short MN description and MN URL.

#19 - 2016-03-31 17:07 - Laura Moyers

- Status changed from Ready to Testing

- % Done changed from 55 to 50

#20 - 2016-04-04 18:10 - Laura Moyers

- Target version changed from Deploy by end of Y2Q2 to Deploy by end of Y2Q3

#21 - 2016-07-02 12:39 - Laura Moyers

- Target version changed from Deploy by end of Y2Q3 to Deploy by end of Y2Q4

#22 - 2016-09-20 19:30 - Laura Moyers

- Target version changed from Deploy by end of Y2Q4 to Deploy by end of Y3Q1

#23 - 2017-02-20 18:28 - Laura Moyers

- % Done changed from 50 to 100

- Target version deleted (Deploy by end of Y3Q1)

- Status changed from Testing to Closed

Development activities suspended. Word from Lisa Stillwell 7 Feb 2017, there will not be a DFC Member Node. The work that Lisa has done so far on the iRODS MN will be leveraged at CyVerse for their iRODS MN implementation.