

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:		MN_Date_Online:	
Latitude:	35.91	Name:	
Longitude:	-79.04	Logo URL:	
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.		
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 RENC1 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.