

## Issues

| #    | Project      | Tracker          | Status      | Priority | Subject                                                   | Assignee        | Updated          | Category |
|------|--------------|------------------|-------------|----------|-----------------------------------------------------------|-----------------|------------------|----------|
| 7962 | Member Nodes | MNDeploymen<br>t | Deferred    | Low      | Alaska EPSCoR                                             | Rebecca Koskela | 2018-04-13 18:28 |          |
| 3209 | Member Nodes | MNDeploymen<br>t | Deferred    | Normal   | Avian Knowledge Network/Cornell Laboratory of Ornithology | Ben Leinfelder  | 2016-06-17 19:31 |          |
| 3207 | Member Nodes | MNDeploymen<br>t | Deferred    | Normal   | BIOTA - FAPESP MN                                         | Matthew Jones   | 2016-06-17 19:32 |          |
| 5453 | Member Nodes | MNDeploymen<br>t | Deferred    | Normal   | Dataverse                                                 | Laura Moyers    | 2018-07-24 16:41 |          |
| 3217 | Member Nodes | MNDeploymen<br>t | Deferred    | Normal   | EMBRAPA member node                                       | Matthew Jones   | 2016-06-17 19:31 |          |
| 3964 | Member Nodes | MNDeploymen<br>t | Deferred    | Normal   | EU BON Member Node                                        | Bruce Wilson    | 2016-10-24 20:49 |          |
| 4083 | Member Nodes | MNDeploymen<br>t | Deferred    | Normal   | Forest Research Institute Malaysia (FRIM)                 | Laura Moyers    | 2016-06-17 19:31 |          |
| 3215 | Member Nodes | MNDeploymen<br>t | Deferred    | Normal   | GEO BON member node                                       | Matthew Jones   | 2016-06-20 14:26 |          |
| 7757 | Member Nodes | MNDeploymen<br>t | Deferred    | Normal   | GINA - Geographic Information Network of Alaska           | Roger Dahl      | 2018-08-31 15:22 |          |
| 3686 | Member Nodes | MNDeploymen<br>t | Deferred    | Normal   | Movebank for Animal Tracking Data                         | Laura Moyers    | 2013-12-05 19:31 |          |
| 3203 | Member Nodes | MNDeploymen<br>t | Deferred    | Normal   | PELD member node                                          | Matthew Jones   | 2016-06-17 19:32 |          |
| 3180 | Member Nodes | MNDeploymen<br>t | Deferred    | Normal   | PFRP - Pelagic Fisheries Research Program                 | Matthew Jones   | 2014-05-29 19:25 |          |
| 3191 | Member Nodes | MNDeploymen<br>t | Deferred    | Normal   | UC Vertnet Member Node                                    | Dave Vieglais   | 2017-01-31 14:54 |          |
| 3689 | Member Nodes | MNDeploymen<br>t | Deferred    | Normal   | University of South Carolina, Computer Science Department |                 | 2018-08-31 15:26 |          |
| 7048 | Member Nodes | MNDeploymen<br>t | Deferred    | Low      | USGS Regional Climate Centers                             | Laura Moyers    | 2016-06-17 19:32 |          |
| 4115 | Member Nodes | MNDeploymen<br>t | Deferred    | Normal   | UTK Institutional Repository                              |                 | 2018-04-17 17:32 |          |
| 7629 | Member Nodes | MNDeploymen<br>t | Operational | Normal   | Arctic Data Center - Data and Software about the Arctic   | Matthew Jones   | 2018-01-10 17:53 |          |
| 6562 | Member Nodes | MNDeploymen<br>t | Operational | Normal   | BCO-DMO                                                   | Laura Moyers    | 2021-12-04 00:47 |          |
| 5451 | Member Nodes | MNDeploymen<br>t | Operational | Normal   | Cary Institute (via Figshare)                             | Monica Ihli     | 2019-04-17 21:39 |          |

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|------|--------------|------------------|-------------|----------|-----------------------------------------------------------------------------------------|---------------|------------------|----------|
| 3558 | Member Nodes | MNDeploymen<br>t | Operational | High     | CDL Merritt                                                                             | Laura Moyers  | 2018-08-23 17:05 |          |
| 8544 | Member Nodes | MNDeploymen<br>t | Operational | Normal   | Chinese Ecosystem Research Network                                                      | Amy Forrester | 2018-12-04 14:56 |          |
| 3560 | Member Nodes | MNDeploymen<br>t | Operational | Normal   | Cornell Lab of Ornithology eBird                                                        | Laura Moyers  | 2018-08-06 21:12 |          |
| 3118 | Member Nodes | MNDeploymen<br>t | Operational | Urgent   | Dryad Member Node                                                                       | Laura Moyers  | 2019-03-05 18:37 |          |
| 3221 | Member Nodes | MNDeploymen<br>t | Operational | High     | EDAC member node                                                                        | Amy Forrester | 2018-08-31 15:15 |          |
| 7956 | Member Nodes | MNDeploymen<br>t | Operational | Normal   | Environmental Data Initiative (EDI)                                                     | Laura Moyers  | 2018-11-13 19:14 |          |
| 3556 | Member Nodes | MNDeploymen<br>t | Operational | High     | ESA Data Registry                                                                       | Amy Forrester | 2019-10-08 15:28 |          |
| 8186 | Member Nodes | MNDeploymen<br>t | Operational | Normal   | ESS-DIVE, including CDIAC                                                               | Matthew Jones | 2018-12-04 14:57 |          |
| 7969 | Member Nodes | MNDeploymen<br>t | Operational | Normal   | FEMC (Forest Ecosystem Monitoring Cooperative) - was VMC Vermont Monitoring Cooperative | Monica Ihli   | 2019-08-27 17:22 |          |
| 7051 | Member Nodes | MNDeploymen<br>t | Operational | Normal   | GRIIDC - Gulf of Mexico Research Initiative                                             | Laura Moyers  | 2018-09-25 17:14 |          |
| 3531 | Member Nodes | MNDeploymen<br>t | Operational | Normal   | Gulf of Alaska Data Portal                                                              | Laura Moyers  | 2018-05-15 17:40 |          |
| 4700 | Member Nodes | MNDeploymen<br>t | Operational | Normal   | IARC (International Arctic Research Center) Data Archive                                | Amy Forrester | 2019-10-08 15:20 |          |
| 3238 | Member Nodes | MNDeploymen<br>t | Operational | High     | Idaho Northwest Knowledge Network member node                                           | Amy Forrester | 2019-10-08 15:14 |          |
| 8035 | Member Nodes | MNDeploymen<br>t | Operational | Normal   | IEDA_EarthChem Library (Interdisciplinary Earth Data Alliance)                          | Dave Vieglais | 2019-05-06 14:25 |          |
| 8704 | Member Nodes | MNDeploymen<br>t | Operational | Normal   | IEDA_Marine-Geo Digital Library (Interdisciplinary Earth Data Alliance)                 | Dave Vieglais | 2019-05-14 13:47 |          |
| 8721 | Member Nodes | MNDeploymen<br>t | Operational | Normal   | IEDA_US Antarctic Program Data Center (Interdisciplinary Earth Data Alliance)           | Dave Vieglais | 2019-05-14 13:46 |          |
| 3554 | Member Nodes | MNDeploymen<br>t | Operational | High     | KNB                                                                                     | Jing Tao      | 2018-08-31 15:16 |          |
| 3232 | Member Nodes | MNDeploymen<br>t | Operational | High     | ILTER-EUROPE                                                                            | Laura Moyers  | 2018-11-21 16:58 |          |
| 3557 | Member Nodes | MNDeploymen<br>t | Operational | Normal   | ILTER Network                                                                           | Roger Dahl    | 2018-09-25 17:17 |          |
| 8772 | Member Nodes | MNDeploymen<br>t | Operational | Normal   | metaGRIL                                                                                | Jing Tao      | 2019-10-08 17:16 |          |

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|------|--------------|---------------|-------------|-----------|-------------------------------------------------------|----------------|------------------|----------|
| 3708 | Member Nodes | MNDeployments | Operational | Normal    | Minnesota Population Center                           | Laura Moyers   | 2018-08-06 19:43 |          |
| 3687 | Member Nodes | MNDeployments | Operational | Normal    | Montana State University Institute on Ecosystems      | Amy Forrester  | 2019-10-08 15:29 |          |
| 3228 | Member Nodes | MNDeployments | Operational | Normal    | NCEI - National Centers for Environmental Information | Dave Vieglaiss | 2019-07-08 16:28 |          |
| 6708 | Member Nodes | MNDeployments | Operational | Normal    | NEON - National Ecological Observatory Network        | Bruce Wilson   | 2019-06-06 19:52 |          |
| 6401 | Member Nodes | MNDeployments | Operational | Normal    | NM EPSCoR                                             | Roger Dahl     | 2019-03-05 18:13 |          |
| 6957 | Member Nodes | MNDeployments | Operational | Normal    | NRDC - Nevada Research Data Center                    | Amy Forrester  | 2019-10-08 18:39 |          |
| 3559 | Member Nodes | MNDeployments | Operational | Normal    | ONEShare                                              | Amy Forrester  | 2019-09-03 16:40 |          |
| 6674 | Member Nodes | MNDeployments | Operational | Normal    | OTS - Neotropical Data Center                         | Jing Tao       | 2019-06-10 13:03 |          |
| 7895 | Member Nodes | MNDeployments | Operational | Normal    | Pangaea                                               | Monica Ihli    | 2018-12-04 14:58 |          |
| 3553 | Member Nodes | MNDeployments | Operational | High      | PISCO                                                 | Laura Moyers   | 2018-01-10 01:13 |          |
| 3748 | Member Nodes | MNDeployments | Operational | Normal    | PPBIO Member Node                                     | Jing Tao       | 2018-08-31 15:20 |          |
| 6548 | Member Nodes | MNDeployments | Operational | High      | R2R Repository                                        | Monica Ihli    | 2018-07-26 13:49 |          |
| 3529 | Member Nodes | MNDeployments | Operational | Normal    | Replication instance at ORC                           | Dave Vieglaiss | 2018-08-31 15:21 |          |
| 3530 | Member Nodes | MNDeployments | Operational | Normal    | Replication instance at UCSB                          | Dave Vieglaiss | 2018-08-31 15:22 |          |
| 3172 | Member Nodes | MNDeployments | Operational | Normal    | Replication instance at UNM                           | Dave Vieglaiss | 2018-08-31 15:22 |          |
| 7842 | Member Nodes | MNDeployments | Operational | Normal    | Research Workspace                                    | Roger Dahl     | 2018-08-14 17:05 |          |
| 3555 | Member Nodes | MNDeployments | Operational | High      | SANParks                                              | Laura Moyers   | 2018-05-09 21:19 |          |
| 3521 | Member Nodes | MNDeployments | Operational | Immediate | SEAD Member Node                                      | Laura Moyers   | 2019-06-05 17:46 |          |
| 3201 | Member Nodes | MNDeployments | Operational | Normal    | Taiwan Forestry Research Institute                    | Amy Forrester  | 2019-10-08 15:26 |          |
| 6544 | Member Nodes | MNDeployments | Operational | High      | TERN Australia (powered by AEKOS)                     | Bruce Wilson   | 2019-05-22 14:21 |          |

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|------|------------------|--------------|-------------|-----------|---------------------------------------------------------------------------------------------|----------------|------------------|--------------------|
| 6485 | Member Nodes     | MNDeployment | Operational | High      | The Digital Archaeology Record (tDAR)                                                       | Laura Moyers   | 2019-10-09 02:24 |                    |
| 3213 | Member Nodes     | MNDeployment | Operational | Normal    | University of Illinois, Chicago member node                                                 | Jing Tao       | 2020-01-23 22:42 |                    |
| 7082 | Member Nodes     | MNDeployment | Operational | Normal    | USGS Science Data Catalog (SDC)                                                             | Laura Moyers   | 2018-10-09 16:27 |                    |
| 8847 | Member Nodes     | MNDeployment | In Review   | Normal    | Freshwater Research and Environmental Database (IGBFRED)                                    | Dave Vieglais  | 2019-10-17 19:23 |                    |
| 7139 | Python GMN       | Task         | In Review   | Normal    | modify postgres schema                                                                      | Dave Vieglais  | 2016-03-25 01:27 |                    |
| 8725 | Member Nodes     | MNDeployment | In Review   | Normal    | NCAR (National Center for Atmospheric Research)                                             |                | 2018-10-08 13:33 |                    |
| 7140 | Python GMN       | Task         | In Review   | Normal    | Resolve sids to pids                                                                        | Dave Vieglais  | 2016-03-25 01:27 |                    |
| 8828 | Member Nodes     | MNDeployment | In Review   | Normal    | SESAR                                                                                       |                | 2019-08-01 16:09 |                    |
| 7137 | Python GMN       | Task         | Testing     | Normal    | Add support for V2 urls                                                                     | Dave Vieglais  | 2016-03-25 01:27 |                    |
| 6378 | Infrastructure   | Task         | Testing     | Normal    | code up the new strategy                                                                    | Rob Nahf       | 2016-06-22 16:53 | d1_replication     |
| 7138 | Python GMN       | Task         | Testing     | Normal    | Create new view functions                                                                   | Dave Vieglais  | 2016-03-25 01:27 |                    |
| 3234 | Member Nodes     | MNDeployment | Testing     | Normal    | CyVerse (iPlant) member node                                                                | Rob Nahf       | 2019-03-05 18:36 |                    |
| 7322 | Java Client      | Bug          | Testing     | Normal    | D1Object stores data in memory, causes out of memory errors                                 | Chris Jones    | 2015-08-28 00:15 | d1_libclient_java  |
| 8106 | Infrastructure   | Bug          | Testing     | Normal    | Difficulty Distinguishing Between Different Kinds of Failed Sync "Not Found" Error Messages | Rob Nahf       | 2018-02-20 16:57 | d1_synchronization |
| 7120 | Java Client      | Task         | Testing     | Normal    | Fix DataPackage.insertRelationship() to handle any URI for external identifiers             | Chris Jones    | 2015-06-04 21:48 | d1_libclient_java  |
| 5836 | Member Nodes     | Task         | Testing     | Normal    | GBIF: Verify that MN passes the Web Tester                                                  | Rob Nahf       | 2018-09-26 19:57 |                    |
| 4730 | Member Nodes     | MNDeployment | Testing     | Normal    | Global Biodiversity Information Facility                                                    | Dave Vieglais  | 2018-09-26 19:45 |                    |
| 7149 | OGC-Slender Node | Story        | Testing     | Normal    | Implement mechanism to retrieve a list of objects available from repository                 | Dave Vieglais  | 2015-06-05 13:37 |                    |
| 4210 | Infrastructure   | Task         | Testing     | Immediate | Metacat does not set serialVersion correctly in CNodeService.archive() or delete()          | Chris Jones    | 2013-12-20 16:12 | Metacat            |
| 8123 | Infrastructure   | Bug          | Testing     | Normal    | portal hazelcast client should load config directly from xml                                | Rob Nahf       | 2017-12-26 18:20 | d1_portal_servlet  |
| 8026 | Infrastructure   | Task         | Testing     | High      | Portal reaches the maximum capacity in a pool                                               | Jing Tao       | 2017-03-14 00:36 | d1_portal_servlet  |
| 5531 | Infrastructure   | Task         | Testing     | Normal    | Provide overview of replication process for MN implementors                                 | Matthew Jones  | 2014-10-02 17:21 | Documentation      |
| 7686 | Member Nodes     | Task         | Testing     | High      | tDAR - Enable URL links out to data from search results                                     | Ben Leinfelder | 2016-09-27 15:56 |                    |
| 3624 | Infrastructure   | Task         | Testing     | Normal    | Update CN index processing to support ESRI FGDC metadata format                             | Skye Roseboom  | 2013-03-05 23:27 | d1_indexer         |
| 7389 | Java Client      | Task         | Testing     | Normal    | V2 D1Object fails to download V1 content                                                    | Chris Jones    | 2015-09-28 17:50 | d1_libclient_java  |

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| 3978 | Infrastructure   | Task    | In Progress | Normal   | Add a CN reporting script that summarizes spatial data for the dashboard                          | Chris Jones    | 2014-03-31 17:41 | d1_dashboard                  |
| 7181 | Python Libraries | Task    | In Progress | Normal   | add d1_libclient_python implementation                                                            | Dave Vieglais  | 2016-04-21 22:37 | d1_libclient_python           |
| 1159 | Infrastructure   | Task    | In Progress | Normal   | Add description of Group creation and management to design specs.                                 | Matthew Jones  | 2014-10-01 20:47 |                               |
| 2540 | Infrastructure   | Feature | In Progress | Normal   | add generateIdentifier() method to MNStorage API                                                  | Dave Vieglais  | 2014-10-02 17:54 | Documentation                 |
| 3721 | Java Client      | Task    | In Progress | Normal   | add resource map validation routine to libclient_java                                             | Rob Nahf       | 2015-02-11 20:42 | d1_libclient_java             |
| 6854 | Infrastructure   | Feature | In Progress | Normal   | add testAssumptionFailure to run listener                                                         | Rob Nahf       | 2016-01-26 22:30 | d1_integration                |
| 4053 | Infrastructure   | Task    | In Progress | Normal   | Architect OPeNDAP MN                                                                              | Dave Vieglais  | 2013-10-06 20:11 | mn.OPeNDAP                    |
| 7929 | Member Nodes     | Task    | In Progress | Normal   | Archive content for SEAD                                                                          |                | 2016-11-09 17:11 |                               |
| 3122 | Infrastructure   | Bug     | In Progress | Normal   | asterisk in search term                                                                           | Skye Roseboom  | 2014-10-02 18:02 | d1_mercury                    |
| 8739 | Infrastructure   | Task    | In Progress | Normal   | Attempting to set ulimit results in error on UCSB systems                                         | Jing Tao       | 2018-11-08 15:10 | d1_process_daemon             |
| 8522 | Member Nodes     | Task    | In Progress | Normal   | CAFF: MN Communications                                                                           | Amy Forrester  | 2018-04-11 14:48 |                               |
| 8523 | Member Nodes     | Task    | In Progress | Normal   | CAFF: Technical Requirements & Design Planning                                                    | Amy Forrester  | 2018-06-14 14:21 |                               |
| 8573 | Infrastructure   | Bug     | In Progress | Normal   | changing accessPolicies and rightHolders down the line of series can cause improper sync failures | Rob Nahf       | 2018-05-03 21:52 | d1_synchronization            |
| 3419 | Infrastructure   | Task    | In Progress | Normal   | CNRead.describe() does not return Content-Length header                                           | Chris Jones    | 2013-02-21 18:41 | Metacat                       |
| 7958 | Infrastructure   | Task    | In Progress | Normal   | CN sometimes sends invalid submitSynchronizationFailed document to MN                             | Rob Nahf       | 2017-01-04 17:23 | d1_synchronization            |
| 1467 | Infrastructure   | Task    | In Progress | Normal   | Complete d1_schema changes for Authz and Authn.                                                   | Matthew Jones  | 2014-10-01 20:47 | Documentation                 |
| 7890 | Infrastructure   | Task    | In Progress | Normal   | configure jenkins-ucsb-1 apache server to host ubuntu repositories                                | Rob Nahf       | 2017-04-19 19:12 |                               |
| 8038 | Infrastructure   | Story   | In Progress | Normal   | connect logging output to a log analysis tool                                                     | Dave Vieglais  | 2018-01-17 18:52 | d1_synchronization            |
| 3220 | Member Nodes     | Task    | In Progress | Normal   | contact iEcolab to determine possible MN role                                                     | Ben Leinfelder | 2013-10-01 17:53 |                               |
| 5455 | Member Nodes     | Task    | In Progress | Normal   | Contact Line Pouchard to re-open discussion about PURL as a potential MN                          | Bruce Wilson   | 2015-11-19 19:17 |                               |
| 7612 | Infrastructure   | Task    | In Progress | Normal   | Contact ORNLDAAC                                                                                  | Laura Moyers   | 2016-02-11 18:02 | Environment.Production        |
| 7358 | Infrastructure   | Story   | In Progress | Normal   | ContactSubject on NodeList must be valid D1 ldap entry                                            | Dave Vieglais  | 2016-12-21 09:05 | Authentication, Authorization |
| 2956 | Infrastructure   | Task    | In Progress | Normal   | content-checking tests for MNs entering an environment                                            | Rob Nahf       | 2014-10-01 22:04 | d1_integration                |
| 3591 | Infrastructure   | Story   | In Progress | Normal   | Content consistency checks for new member nodes                                                   | Rob Nahf       | 2018-01-17 20:23 | MNWebChecker                  |
| 4045 | Member Nodes     | Task    | In Progress | Normal   | Conversation with Laura/Mike re USGS ScienceBase planning                                         | Laura Moyers   | 2014-05-30 19:45 |                               |
| 7505 | Member Nodes     | Task    | In Progress | Normal   | Correct generous access policies                                                                  | Roger Dahl     | 2018-07-02 20:39 |                               |
| 8051 | Infrastructure   | Bug     | In Progress | Normal   | CORS-based CN calls fail using Internet Explorer on Windows                                       | Chris Jones    | 2017-03-28 16:35 | dataone-cn-os-core            |
| 725  | Infrastructure   | Story   | In Progress | Normal   | Create Authentication and Access control design specifications                                    | Dave Vieglais  | 2018-01-17 20:52 | Documentation                 |
| 7102 | Member Nodes     | Task    | In Progress | Normal   | Create test server certificate for test.piscoweb.org                                              | Dave Vieglais  | 2015-05-14 18:28 |                               |
| 3046 | Infrastructure   | Task    | In Progress | Normal   | Create utility to update ORE maps with invalid date formats                                       | Ben Leinfelder | 2012-08-14 23:41 |                               |

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| 8225 | Member Nodes     | Story   | In Progress | Normal   | Customize Indexing & View for gmd-pangaea                                                                             | Rob Nahf          | 2018-05-17 14:30 |                     |
| 6034 | Infrastructure   | Task    | In Progress | Normal   | d1_client_cli CCI 2.0 support                                                                                         | Roger Dahl        | 2014-08-11 16:23 | d1_client_cli       |
| 3666 | Java Client      | Story   | In Progress | Low      | D1Client.listUpdateHistory() needs to handle changing access policies                                                 | Rob Nahf          | 2018-01-17 20:19 | d1_libclient_java   |
| 7523 | Infrastructure   | Bug     | In Progress | Normal   | D1Client no longer updates stale NodeList                                                                             | Rob Nahf          | 2016-04-19 22:27 | d1_libclient_java   |
| 6026 | Infrastructure   | Task    | In Progress | Normal   | d1_common CCI 2.0 support                                                                                             | Roger Dahl        | 2014-08-01 15:49 | d1_common_python    |
| 6033 | Infrastructure   | Task    | In Progress | Normal   | d1_libclient_python CCI 2.0 support                                                                                   | Roger Dahl        | 2014-08-11 16:22 | d1_libclient_python |
| 8633 | Member Nodes     | Task    | In Progress | Normal   | DAAC: Re-Training & Re-Deployment Planning                                                                            | Amy Forrester     | 2018-07-02 14:53 |                     |
| 4188 | Infrastructure   | Story   | In Progress | Normal   | dataone Exception definition and implementation requires clarification                                                | Dave Viegla       | 2018-01-17 20:05 | d1_schemas          |
| 5141 | Infrastructure   | Story   | In Progress | Normal   | Describe the mn.updateSystemMetadata behavior in use case document                                                    | Dave Viegla       | 2018-01-17 19:58 | Documentation       |
| 2169 | Infrastructure   | Task    | In Progress | Normal   | Design content and layout for status page                                                                             | Dave Viegla       | 2012-03-14 20:40 | d1_monitor          |
| 1479 | CN REST          | Task    | In Progress | Normal   | Design web UI for validating newly created identities                                                                 | Ben Leinfelder    | 2015-01-19 22:59 |                     |
| 7146 | OGC-Slender Node | Story   | In Progress | Normal   | Determine formatId for content retrievable from NODC services                                                         | Dave Viegla       | 2015-06-05 13:37 |                     |
| 7148 | OGC-Slender Node | Task    | In Progress | Normal   | Determine formatId for science metadata                                                                               | Dave Viegla       | 2015-09-22 16:27 |                     |
| 4246 | Infrastructure   | Task    | In Progress | Normal   | Determine why cn-stage-ucsb-1 LDAP syncrepl is failing                                                                | Michael Campfield | 2014-10-31 17:42 | Environment.Stage1  |
| 8081 | Infrastructure   | Story   | In Progress | Normal   | develop federated broker configuration for indexing                                                                   | Rob Nahf          | 2018-01-17 18:46 | d1_indexer          |
| 1035 | Infrastructure   | Task    | In Progress | Normal   | Develop reference architecture documents                                                                              | Bruce Wilson      | 2011-03-03 19:26 | Documentation       |
| 8358 | Member Nodes     | Story   | In Progress | Normal   | Discovery & Planning (CAFF)                                                                                           | Amy Forrester     | 2018-04-06 14:56 |                     |
| 7896 | Member Nodes     | Bug     | In Progress | Normal   | Dryad data sets don't mark new versions correctly in SystemMetadata with obsoletes/obsoletedBy                        | Monica Ihli       | 2017-07-24 10:10 |                     |
| 6396 | Infrastructure   | Task    | In Progress | Normal   | embed jetty server in d1_integration to run WebTests locally                                                          | Rob Nahf          | 2014-10-01 20:34 | MNWebChecker        |
| 8155 | Infrastructure   | Story   | In Progress | Normal   | Ensure GMN fully supports the Package API                                                                             | Roger Dahl        | 2018-01-17 18:43 | d1_mn_GMN           |
| 8364 | CN REST          | Story   | In Progress | Normal   | Ensure portal uses correct X509 certificates                                                                          |                   | 2019-05-21 12:57 | d1_portal_servlet   |
| 8469 | CN REST          | Task    | In Progress | Normal   | evaluate if ORCID API will continue to work after 1.2 is deprecated                                                   | Jing Tao          | 2018-03-22 16:54 | d1_portal_servlet   |
| 8227 | Infrastructure   | Story   | In Progress | Normal   | ExceptionHandler regurgitates long html pages into the wrapping ServiceFailure message, which goes into CN log files. | Rob Nahf          | 2018-01-09 19:10 | d1_common_java      |
| 5833 | Member Nodes     | Story   | In Progress | Normal   | GBIF: Developing                                                                                                      |                   | 2019-02-19 18:24 |                     |
| 7151 | OGC-Slender Node | Story   | In Progress | Normal   | Generate system metadata for content                                                                                  | Dave Viegla       | 2015-06-08 18:58 |                     |
| 6614 | Python GMN       | Bug     | In Progress | Normal   | GMN describe not returning DescribeResponse for IARC MN                                                               | Roger Dahl        | 2016-04-21 22:37 |                     |
| 8032 | Python GMN       | Story   | In Progress | Normal   | GMN v2                                                                                                                | Roger Dahl        | 2018-01-17 18:55 |                     |
| 7716 | Infrastructure   | Story   | In Progress | Normal   | How to facilitate resubmission of sync Failures?                                                                      | Dave Viegla       | 2018-01-17 19:22 | d1_synchronization  |
| 8738 | Infrastructure   | Story   | In Progress | Normal   | HZEventFilter performance decline with increased task queue                                                           | Rob Nahf          | 2018-10-30 04:10 | d1_indexer          |

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| 6382 | Member Nodes   | Task    | In Progress | Normal   | ICMBIO: Determine feasibility                                                      | Laura Moyers   | 2015-11-19 17:21 |                             |
| 1061 | Infrastructure | Task    | In Progress | Normal   | Identify approach to IdentityMapping                                               | Matthew Jones  | 2014-10-01 20:47 |                             |
| 6025 | Infrastructure | Task    | In Progress | Normal   | Implement support for CCI v2.0 in Python stack                                     | Roger Dahl     | 2014-08-01 15:49 |                             |
| 3610 | Infrastructure | Task    | In Progress | Normal   | Include ESRI-specific FGDC metadata schema in object format list                   | Chris Jones    | 2013-07-03 00:23 | Environment.Productio<br>n  |
| 4463 | Infrastructure | Story   | In Progress | Normal   | Incorporate Node Replication Policy into replication processing                    | Rob Nahf       | 2018-01-17 20:03 | d1_replication              |
| 8571 | Infrastructure | Bug     | In Progress | Normal   | IndexTool can't index a data object                                                | Jing Tao       | 2018-04-23 20:13 | d1_indexer                  |
| 8728 | Member Nodes   | Task    | In Progress | Normal   | Initial Communications (NCAR)                                                      | Amy Forrester  | 2018-10-04 17:24 |                             |
| 8824 | Infrastructure | Task    | In Progress | High     | Install Apache 2.4.39 and disable TLSv1.3 on CNs                                   | Dave Vieglais  | 2019-06-19 12:11 |                             |
| 1556 | Infrastructure | Task    | In Progress | High     | Interns mailing list                                                               |                | 2011-05-12 23:02 |                             |
| 3492 | Infrastructure | Bug     | In Progress | Urgent   | Invalid PIDs in production (whitespace)                                            | Jing Tao       | 2017-04-27 15:31 | Support Operations          |
| 8172 | Infrastructure | Story   | In Progress | Normal   | investigate atomic updates for some solr updates                                   | Rob Nahf       | 2018-01-17 18:39 | d1_indexer                  |
| 8080 | Infrastructure | Task    | In Progress | Normal   | ioslate queue creation logic from processing logic from the queue definition logic | Rob Nahf       | 2017-05-09 22:55 | d1_indexer                  |
| 7432 | Java Client    | Bug     | In Progress | Normal   | Java Client does not support idFilter for v2 release                               | Rob Nahf       | 2019-06-14 18:47 | d1_libclient_java           |
| 6062 | Infrastructure | Bug     | In Progress | Normal   | Jenkins not cascading builds in trunk                                              | Robert Waltz   | 2016-08-10 20:56 | Environment.Develop<br>ment |
| 2411 | Infrastructure | Bug     | In Progress | Normal   | knb MNs and CNs allow self-signed certificates to connect                          | Chris Jones    | 2014-10-01 22:22 | Environment.Develop<br>ment |
| 4046 | Member Nodes   | Task    | In Progress | Normal   | Laura to check with Mike re USGS-NWRC planning                                     | Laura Moyers   | 2013-11-03 21:43 |                             |
| 4136 | Infrastructure | Task    | In Progress | Normal   | Make cosmetic changes to the distribution map                                      | Chris Jones    | 2014-03-31 17:41 | d1_dashboard                |
| 3185 | Member Nodes   | Task    | In Progress | Normal   | Make initial contact with FRAMES for participation as a MN                         | Dave Vieglais  | 2012-09-05 02:12 |                             |
| 8775 | Infrastructure | Task    | In Progress | Normal   | Make taxonomic rank fields in Solr index non-case-sensitive                        | Bryce Mecum    | 2019-03-11 23:35 |                             |
| 6395 | Infrastructure | Story   | In Progress | Normal   | Menber Node testers are stuck when the MNWebTester hangs / crashes                 | Rob Nahf       | 2018-01-17 19:51 | MNWebChecker                |
| 3047 | Infrastructure | Bug     | In Progress | Normal   | Metacat allows whitespace in Identifiers                                           | Ben Leinfelder | 2018-11-13 21:44 |                             |
| 7920 | Infrastructure | Story   | In Progress | Normal   | migrate apache2 authorization rules from 2.2 conforming to 2.4                     | Dave Vieglais  | 2018-01-17 18:59 | d1_cn_buildout              |
| 7832 | Infrastructure | Story   | In Progress | Normal   | migrate from JibX to JAXB for XML binding / codegen                                | Rob Nahf       | 2018-01-17 19:06 | d1_common_java              |
| 4147 | Infrastructure | Task    | In Progress | Normal   | Modify d1_spatial_reporter.py to produce custom JSON output                        | Chris Brumgard | 2014-03-31 17:41 | d1_cn_tools                 |
| 4672 | Java Client    | Task    | In Progress | Normal   | mvn dependencies:analyse shows transitive dependencies:                            |                | 2015-02-11 20:08 |                             |
| 8091 | Infrastructure | Task    | In Progress | Normal   | Mysterious sync failure of an eml object from the GOA node                         | Jing Tao       | 2017-05-09 21:33 | dataone-cn-os-core          |
| 8727 | Member Nodes   | Story   | In Progress | Normal   | NCAR Discovery & Assessment                                                        |                | 2019-01-22 18:34 |                             |
| 8535 | Member Nodes   | Story   | In Progress | Normal   | Neotoma: Story: Discovery & Planning                                               | Amy Forrester  | 2018-04-09 21:14 |                             |
| 2827 | Infrastructure | Task    | In Progress | Normal   | nesting groups requires schema change*                                             | Dave Vieglais  | 2015-06-25 22:00 | d1_schemas                  |
| 7746 | CN REST        | Bug     | In Progress | Normal   | Node registration update fails when <contactSubject> spans multiple lines          | Rob Nahf       | 2016-04-26 17:30 | d1_cn_noderegistry          |

| #    | Project        | Tracker     | Status      | Priority | Subject                                                                               | Assignee       | Updated          | Category                   |
|------|----------------|-------------|-------------|----------|---------------------------------------------------------------------------------------|----------------|------------------|----------------------------|
| 4192 | Infrastructure | Task        | In Progress | Normal   | Notify MN implementations of the discrepancy in exception definition                  | Dave Vieglais  | 2014-09-24 18:28 | Management                 |
| 8735 | Infrastructure | Bug         | In Progress | Normal   | NPE in IndexTask causes indexing job to fail                                          | Rob Nahf       | 2018-10-18 18:33 | d1_indexer                 |
| 7606 | Infrastructure | Task        | In Progress | Normal   | NRDC does not trust the CN certificate for log harvesting                             | Laura Moyers   | 2016-04-06 16:14 | Environment.Productio<br>n |
| 7407 | Infrastructure | Story       | In Progress | Normal   | object formats in the d1_common_java bootstrap list are inconsistent with production  | Dave Vieglais  | 2016-03-15 16:49 | d1_indexer                 |
| 4052 | Infrastructure | Story       | In Progress | Normal   | OPeNDAP MN Story                                                                      |                | 2013-10-06 20:07 | mn.OPeNDAP                 |
| 8378 | Member Nodes   | Task        | In Progress | Normal   | (OTS) replicate data                                                                  | Amy Forrester  | 2018-07-31 18:49 |                            |
| 3109 | Infrastructure | Task        | In Progress | Normal   | PISCO/LTER revision history with SBC documents                                        | Ben Leinfelder | 2012-07-31 01:34 |                            |
| 8079 | Infrastructure | Task        | In Progress | Normal   | prototype durable task processing for d1_index_processor                              | Rob Nahf       | 2017-04-26 05:45 | d1_indexer                 |
| 6927 | Member Nodes   | Task        | In Progress | Normal   | R2R: Register any new object formats in all environments                              | Roger Dahl     | 2017-01-19 01:16 |                            |
| 6789 | Java Client    | Bug         | In Progress | Normal   | Read API calls to the CN are hanging                                                  | Rob Nahf       | 2016-05-07 07:59 |                            |
| 8750 | Member Nodes   | Task        | In Progress | Normal   | reconnect eLTER MN to DataONE                                                         | Roger Dahl     | 2018-11-28 16:59 |                            |
| 6375 | Infrastructure | Task        | In Progress | Normal   | Refactor out dependency on a working CN                                               | Rob Nahf       | 2016-06-22 16:53 | d1_replication             |
| 4714 | Infrastructure | Task        | In Progress | Normal   | Refresh client certificate for MN urn:node:TFRI                                       | Chris Jones    | 2014-09-24 18:14 | Environment.Productio<br>n |
| 4715 | Infrastructure | Task        | In Progress | Normal   | Refresh client certificate for urn:node:CLOAKN                                        | Chris Jones    | 2014-09-24 18:14 |                            |
| 4716 | Infrastructure | Task        | In Progress | Normal   | refresh client certificate for urn:node:DRYAD                                         | Chris Jones    | 2014-09-24 18:14 | Environment.Productio<br>n |
| 6372 | Infrastructure | Task        | In Progress | Normal   | rehabilitate ReplicationManager "unit" tests                                          | Rob Nahf       | 2016-06-22 16:53 | d1_replication             |
| 3864 | Infrastructure | Task        | In Progress | Normal   | Release CCI 1.2.1 Features                                                            | Chris Jones    | 2013-09-12 20:04 | Environment.Productio<br>n |
| 3114 | Infrastructure | Task        | In Progress | Normal   | Release D1_CLIENT_CLI and prepare for version 2                                       | Andrew Pippin  | 2012-08-02 17:27 |                            |
| 6071 | Infrastructure | Story       | In Progress | Normal   | Release Notes and documentation                                                       | Dave Vieglais  | 2018-01-17 19:53 | Documentation              |
| 4719 | Infrastructure | Task        | In Progress | Normal   | Replace CN client certificate                                                         | Chris Jones    | 2014-09-24 18:14 | Environment.Productio<br>n |
| 317  | Requirements   | Requirement | In Progress | Low      | (Requirement) Identifiers for all objects                                             | Dave Vieglais  | 2010-03-15 22:12 |                            |
| 5449 | Member Nodes   | Task        | In Progress | Normal   | Resolve resource map issues for LTER-Europe                                           | Chris Jones    | 2014-06-20 17:59 |                            |
| 6369 | Java Client    | Feature     | In Progress | Normal   | ResourceMapFactory.parseResourceMap does not return aggregated resources              | Rob Nahf       | 2015-02-11 20:56 | d1_libclient_java          |
| 8536 | Infrastructure | Bug         | In Progress | Normal   | resource Map update when metadata SID is used is not indexed                          | Rob Nahf       | 2018-04-12 20:55 | d1_indexer                 |
| 3057 | Java Client    | Task        | In Progress | Normal   | retest CLOSE_WAIT issue once the lib client is complete.                              | Rob Nahf       | 2015-02-11 19:52 | d1_libclient_java          |
| 6377 | Infrastructure | Story       | In Progress | Normal   | Review CNode initialization in ReplicationManager - it doesn't use local CN reference | Rob Nahf       | 2018-01-17 19:52 | d1_replication             |
| 3332 | Infrastructure | Task        | In Progress | Normal   | Revise use cases and add sample code                                                  | Dave Vieglais  | 2014-09-24 18:27 | Documentation              |
| 8498 | Member Nodes   | Task        | In Progress | Normal   | SANParks metacat not responding to harvest requests                                   | Matthew Jones  | 2019-04-15 18:09 |                            |



| #    | Project        | Tracker  | Status      | Priority | Subject                                                                                               | Assignee            | Updated          | Category            |
|------|----------------|----------|-------------|----------|-------------------------------------------------------------------------------------------------------|---------------------|------------------|---------------------|
| 7498 | Search UI      | Task     | In Progress | Normal   | Search UI deployments need to be automated                                                            | Chris Jones         | 2015-11-21 00:36 | MetacatUI           |
| 7570 | Infrastructure | Bug      | In Progress | Normal   | Search UI requests cause Out of Memory Error                                                          | Jing Tao            | 2017-04-26 21:01 | d1_indexer          |
| 7466 | Infrastructure | Task     | In Progress | Normal   | Some objects not accessible on the CN via REST API                                                    | Chris Jones         | 2015-11-05 16:11 | Metacat             |
| 3905 | Infrastructure | Task     | In Progress | Normal   | Sort out shell logins for splunk system                                                               | Bruce Wilson        | 2013-08-23 13:27 | Support Operations  |
| 4671 | Java Client    | Task     | In Progress | Normal   | suggest updating the following versions:                                                              |                     | 2015-02-11 20:08 |                     |
| 7754 | Search UI      | Story    | In Progress | Normal   | Support for XSL transform of various metadata formats                                                 | Bryce Mecum         | 2018-05-17 14:18 | MetacatUI           |
| 8693 | Infrastructure | Decision | In Progress | Low      | Support Google Dataset Search on search.dataone.org via partial server side rendering                 |                     | 2019-06-06 23:53 |                     |
| 8766 | Infrastructure | Feature  | In Progress | Normal   | support server-side link checking for the 303 redirect url in the resolve call                        | Rob Nahf            | 2019-05-31 15:16 | d1_cn_service       |
| 8049 | Infrastructure | Story    | In Progress | Normal   | Support synchronization of system metadata for unhosted METADATA and RES_MAP objects                  |                     | 2018-01-17 18:50 | Architecture Design |
| 8566 | Member Nodes   | Task     | In Progress | Normal   | Test Registration                                                                                     | Rob Nahf            | 2019-04-16 17:17 |                     |
| 7967 | Infrastructure | Bug      | In Progress | Normal   | The CN is not following the xml schema definition when creating dataone exceptions                    | Dave Vieglais       | 2018-05-23 18:13 | Architecture Design |
| 8525 | Infrastructure | Story    | In Progress | High     | timeout exceptions thrown from Hazelcast disable synchronization                                      | Rob Nahf            | 2018-11-16 17:32 | d1_synchronization  |
| 8195 | Infrastructure | Bug      | In Progress | High     | Tomcat out of memory error                                                                            | Dave Vieglais       | 2017-12-26 20:01 |                     |
| 2642 | Infrastructure | Task     | In Progress | Normal   | Try installing GMN according to the setup instructions                                                | Andrew Pippin       | 2012-07-06 16:25 | d1_mn_GMN           |
| 7882 | Infrastructure | Story    | In Progress | Normal   | Tune CN logfile management                                                                            | Dave Vieglais       | 2018-01-17 19:03 |                     |
| 907  | Infrastructure | Task     | In Progress | Normal   | unify d1_integration for multiple environments and test languages                                     | Rob Nahf            | 2012-10-16 21:34 | d1_integration      |
| 4189 | Infrastructure | Task     | In Progress | Normal   | Update dataoneErrors.xsd to match the documentation                                                   | Dave Vieglais       | 2017-01-14 00:24 | d1_schemas          |
| 6053 | Member Nodes   | Task     | In Progress | Normal   | Update science metadata files to include ORNL schema type                                             | Ranjeet Devarakonda | 2014-11-24 14:57 |                     |
| 6843 | Infrastructure | Task     | In Progress | Normal   | Update the prov instance of the RdfXmlSubprocessor to index renamed and inverse provenance properties | Chris Jones         | 2017-03-28 16:16 | d1_indexer          |
| 2585 | Infrastructure | Task     | In Progress | Normal   | Update Use Case 09                                                                                    | Skye Roseboom       | 2014-09-11 15:47 | d1_replication      |
| 7219 | Python GMN     | Story    | In Progress | Normal   | Upgrade Django version used by GMN, add better support for PUT operations                             | Dave Vieglais       | 2016-03-25 01:24 |                     |
| 8086 | Infrastructure | Task     | In Progress | Normal   | upgrade Spring dependencies                                                                           | Rob Nahf            | 2019-07-25 20:32 | d1_indexer          |
| 6497 | Python GMN     | Feature  | In Progress | Normal   | V2 GMN Support                                                                                        | Dave Vieglais       | 2016-03-25 01:27 |                     |
| 7930 | Member Nodes   | Task     | In Progress | Normal   | verify obsolescence in tDAR sandbox                                                                   | Dave Vieglais       | 2016-12-01 23:47 |                     |
| 3868 | Member Nodes   | Task     | In Progress | Normal   | Verify TFRI node is running NTP                                                                       | Ben Leinfelder      | 2013-08-05 17:25 |                     |
| 5450 | Member Nodes   | Task     | In Progress | Normal   | (Waiting for) USC to complete development of MN stack (derived from GMN)                              | Laura Moyers        | 2018-08-31 15:26 |                     |
| 4116 | Member Nodes   | Task     | In Progress | Normal   | Work with FRIM to upgrade Metacat to 2.2.1 or later                                                   | Jing Tao            | 2015-01-23 19:02 |                     |
| 1047 | Infrastructure | Task     | In Progress | Normal   | Write Authentication system specification                                                             | Matthew Jones       | 2014-10-01 20:47 |                     |
| 1048 | Infrastructure | Task     | In Progress | Normal   | Write authorization system specification                                                              | Matthew Jones       | 2014-10-01 20:47 |                     |

| #    | Project          | Tracker      | Status   | Priority | Subject                                                                                                                                                                                                         | Assignee       | Updated          | Category               |
|------|------------------|--------------|----------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------------|------------------------|
| 5835 | Member Nodes     | Task         | Ready    | Normal   | GBIF: Local Testing                                                                                                                                                                                             | Rob Nahf       | 2019-01-24 16:53 |                        |
| 8254 | Member Nodes     | MNDeployment | Planning | Normal   | ABDS - Arctic Biodiversity Data Service (CAFF)                                                                                                                                                                  | Amy Forrester  | 2019-09-17 14:31 |                        |
| 3230 | Member Nodes     | MNDeployment | Planning | Normal   | ARM - Atmospheric Radiation Measurement member node                                                                                                                                                             | John Evans     | 2019-11-25 20:10 |                        |
| 8839 | Member Nodes     | MNDeployment | Planning | Normal   | CMU KiltHub via Figshare                                                                                                                                                                                        | Roger Dahl     | 2019-09-24 17:48 |                        |
| 7296 | Member Nodes     | MNDeployment | Planning | Normal   | GCOOS                                                                                                                                                                                                           | Monica Ihli    | 2018-04-16 15:53 |                        |
| 7865 | Member Nodes     | MNDeployment | Planning | Normal   | Hydroshare (CUAHSI)                                                                                                                                                                                             | John Evans     | 2019-09-17 14:33 |                        |
| 3878 | Infrastructure   | Task         | New      | Normal   | 4.2.1.1 Missing and Out-of-Date Documentation                                                                                                                                                                   | Dave Vieglaiss | 2014-09-24 18:27 |                        |
| 3879 | Infrastructure   | Task         | New      | Normal   | 4.2.1.2 Missing Policies and Expectations                                                                                                                                                                       |                | 2014-09-24 18:27 | Environment.Production |
| 3880 | Infrastructure   | Task         | New      | Normal   | 4.2.1.3 CILogon Extension Not Documented                                                                                                                                                                        |                | 2014-09-24 18:27 | Environment.Production |
| 3881 | Infrastructure   | Task         | New      | Normal   | 4.2.1.4 Definition of Verified User Lacking                                                                                                                                                                     | Dave Vieglaiss | 2014-09-24 18:27 | Documentation          |
| 7702 | Log Reporting    | Task         | New      | Normal   | abnormal strings in ipAddress field of solr                                                                                                                                                                     | Robert Waltz   | 2016-06-22 17:18 | d1_log_aggregation     |
| 7800 | DUG              | Task         | New      | Normal   | abstract reviews<br>( <a href="https://docs.google.com/document/d/1iZXCN4AWqYi5Z7wqMKb2o33QnQ_JAcV0KVO4TeahHVA/edit">https://docs.google.com/document/d/1iZXCN4AWqYi5Z7wqMKb2o33QnQ_JAcV0KVO4TeahHVA/edit</a> ) |                | 2016-05-10 15:18 |                        |
| 8822 | Infrastructure   | Bug          | New      | Low      | Account queries in STAGE-2 failing from web browser                                                                                                                                                             |                | 2019-06-19 01:44 |                        |
| 8236 | Infrastructure   | Task         | New      | Normal   | Acquire ORCID API key under KU membership                                                                                                                                                                       | Dave Vieglaiss | 2018-01-09 02:21 |                        |
| 8835 | Member Nodes     | Story        | New      | Normal   | Add ability for scanner to stop after a certain number of errors                                                                                                                                                | John Evans     | 2019-08-12 19:16 |                        |
| 1646 | Infrastructure   | Task         | New      | Normal   | Add addFormat() to the CNCORE API                                                                                                                                                                               |                | 2016-06-22 16:51 |                        |
| 7032 | MN Dashboard     | Feature      | New      | Normal   | Add anchor to the MN dashboard for "upcoming MNs"                                                                                                                                                               | Skye Roseboom  | 2015-04-09 17:52 |                        |
| 3768 | Infrastructure   | Task         | New      | Normal   | Add canonical DataONE description paper to citing DataONE web-page                                                                                                                                              | Amber Budden   | 2013-05-16 22:20 | Community Engagement   |
| 2344 | Infrastructure   | Task         | New      | Normal   | Add category for Ben's style sheets in Redmine                                                                                                                                                                  | Dave Vieglaiss | 2012-02-15 17:45 | Support Operations     |
| 8173 | Infrastructure   | Story        | New      | High     | add checks for retrograde systemMetadata changes                                                                                                                                                                | Jing Tao       | 2018-01-17 18:38 | d1_indexer             |
| 7256 | Python Libraries | Task         | New      | Normal   | add cnclient.synchronize method                                                                                                                                                                                 | Roger Dahl     | 2016-04-21 22:37 |                        |
| 3166 | Infrastructure   | Task         | New      | Normal   | Add d1_common_java and d1_libclient_java and their dependency jar                                                                                                                                               |                | 2012-08-31 17:15 |                        |
| 3171 | Infrastructure   | Task         | New      | Normal   | Add d1_common_java d1_libclient_java and their dependency jar files to the morpho lib                                                                                                                           |                | 2012-08-31 17:27 |                        |
| 8587 | Member Nodes     | Task         | New      | Normal   | Add DataONE Logo to SanParks website                                                                                                                                                                            | Jing Tao       | 2018-05-09 21:19 |                        |
| 3807 | Infrastructure   | Task         | New      | Normal   | Add documentation for Types.QueryEngineDescription                                                                                                                                                              | Dave Vieglaiss | 2014-10-02 17:21 | Documentation          |

| #    | Project          | Tracker  | Status | Priority | Subject                                                                    | Assignee        | Updated          | Category            |
|------|------------------|----------|--------|----------|----------------------------------------------------------------------------|-----------------|------------------|---------------------|
| 8754 | Infrastructure   | Task     | New    | Normal   | Add EML 2.2 to CN formats list                                             | Bryce Mecum     | 2018-12-19 00:54 |                     |
| 1585 | Infrastructure   | Task     | New    | Low      | add exec-maven-plugin to trigger python integration tests at verify phase. | Rob Nahf        | 2012-10-16 21:32 |                     |
| 4102 | Infrastructure   | Task     | New    | Normal   | Add expiration policy for CNCORE.reservedIdentifier()                      | Dave Vieglais   | 2014-10-02 17:21 | Documentation       |
| 8529 | DataONE API      | Task     | New    | Normal   | Add field to Solr index that includes the obsolescence chain               |                 | 2018-04-10 05:21 |                     |
| 7859 | Infrastructure   | Story    | New    | Normal   | Add formatID for the STL 3d model file format                              | Dave Vieglais   | 2018-01-17 19:04 |                     |
| 8053 | Infrastructure   | Feature  | New    | Normal   | add funding award number to index                                          | Peter Slaughter | 2019-03-04 19:36 | dataone-cn-index    |
| 8804 | Infrastructure   | Task     | New    | Normal   | Add ldap backup config to cn os-core                                       | Dave Vieglais   | 2019-05-21 12:32 | dataone-cn-os-core  |
| 7765 | Python GMN       | Task     | New    | Normal   | Add "logrotate" capability as part of the GMN deployment                   | Roger Dahl      | 2016-05-04 02:38 |                     |
| 8528 | DataONE API      | Task     | New    | Normal   | Add MNRead.getVersions, CNRead.getVersions                                 |                 | 2018-04-03 19:26 |                     |
| 8774 | Infrastructure   | Decision | New    | Normal   | Add new CN format for MPEG-2 or update video/mpeg format to cover MPEG-2   |                 | 2019-03-08 16:03 |                     |
| 8762 | Infrastructure   | Story    | New    | Normal   | Add new formats to CN                                                      |                 | 2019-02-07 20:03 |                     |
| 7537 | Infrastructure   | Task     | New    | Normal   | add nodelist refreshes to NodeLocator classes                              | Rob Nahf        | 2015-12-10 16:59 | d1_libclient_java   |
| 5515 | MN Dashboard     | Feature  | New    | Normal   | Add number of MNs to overview display                                      | Skye Roseboom   | 2015-04-29 22:48 |                     |
| 3357 | Infrastructure   | Task     | New    | Normal   | Address ISet iterator bug that only iterates over a subset of the ISet     | Ben Leinfelder  | 2012-12-12 16:54 | Metacat             |
| 8065 | Infrastructure   | Feature  | New    | Normal   | Add service to re-populate Hazelcast map for node attributes               |                 | 2018-01-09 19:10 |                     |
| 2492 | Infrastructure   | Task     | New    | Normal   | Add status page for given {pid}                                            | Ben Leinfelder  | 2012-03-15 02:02 | d1_monitor          |
| 8753 | Infrastructure   | Task     | New    | Normal   | Add support for EML 2.2 (indexing, view)                                   | Bryce Mecum     | 2018-12-19 00:54 |                     |
| 5322 | MN Dashboard     | Feature  | New    | Normal   | Add support for right, left keys on dashboard detail pages                 | Skye Roseboom   | 2015-04-29 22:47 |                     |
| 3466 | Infrastructure   | Task     | New    | Normal   | Add synthetic key to systemMetadata table                                  | Ben Leinfelder  | 2013-01-08 18:30 |                     |
| 4059 | Infrastructure   | Task     | New    | Normal   | Add test to verify node is reporting correct nodeId in log records         | Rob Nahf        | 2013-10-07 19:10 |                     |
| 8362 | Infrastructure   | Task     | New    | Normal   | Add the indication that the cn account list is sliced                      |                 | 2018-02-12 17:48 |                     |
| 6335 | MN Dashboard     | Feature  | New    | Normal   | Add total number of MNs to the summary page of the dashboard               | Skye Roseboom   | 2015-04-29 22:48 |                     |
| 7427 | Python Libraries | Task     | New    | Normal   | adjust API signatures in python libraries                                  | Dave Vieglais   | 2016-03-25 01:11 | d1_libclient_python |
| 8204 | Infrastructure   | Story    | New    | Normal   | Adjust memory allocation for services running under JVM on CNs             |                 | 2018-01-09 19:10 |                     |
| 8205 | Infrastructure   | Task     | New    | Normal   | Adjust memory allocation to Tomcat7 on CNs                                 |                 | 2017-10-24 15:33 |                     |
| 8747 | Infrastructure   | Task     | New    | Normal   | Adjust package configuration to persist changes between updates            | Dave Vieglais   | 2018-11-16 17:32 |                     |
| 8809 | CN REST          | Task     | New    | Normal   | Adjust portal.properties for certificate configuration                     |                 | 2019-05-21 12:57 |                     |
| 4675 | Infrastructure   | Task     | New    | Normal   | Administratively delete those pids with the white spaces                   |                 | 2014-09-24 18:09 |                     |
| 8184 | Infrastructure   | Feature  | New    | Normal   | a feature indicates to restart tomcat when hazelcast client died           | Jing Tao        | 2017-09-14 19:14 | Metacat             |
| 6882 | Infrastructure   | Bug      | New    | Normal   | after CN upgrade togglePortsAndReplication.sh missing                      | Robert Waltz    | 2016-01-05 17:54 | d1_cn_buildout      |

| #    | Project        | Tracker      | Status | Priority | Subject                                                                                                                      | Assignee        | Updated          | Category            |
|------|----------------|--------------|--------|----------|------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------|---------------------|
| 8188 | Member Nodes   | MNDeployment | New    | Normal   | Ag Data Commons                                                                                                              | Rebecca Koskela | 2017-09-22 23:06 |                     |
| 3241 | Member Nodes   | MNDeployment | New    | Low      | ALA - Atlas of Living Australia member node                                                                                  |                 | 2018-04-17 17:14 |                     |
| 7973 | Member Nodes   | MNDeployment | New    | Low      | Alaska Energy Data Gateway                                                                                                   | Amy Forrester   | 2018-04-17 17:21 |                     |
| 1527 | Infrastructure | Task         | New    | Normal   | Allow AccessPolicy to be set for groups                                                                                      | Matthew Jones   | 2014-10-01 20:47 |                     |
| 4650 | Infrastructure | Story        | New    | Normal   | Allow MN to bias resolve to the authoritative MN                                                                             | Rob Nahf        | 2018-01-17 20:00 | d1_cn_common        |
| 8058 | Infrastructure | Feature      | New    | Normal   | Allow "upcoming" nodes to appear in the node list                                                                            | Robert Waltz    | 2017-04-03 18:33 | d1_cn_service       |
| 3076 | Infrastructure | Task         | New    | Normal   | Allow user to specify Morpho storage directory                                                                               |                 | 2013-03-02 05:29 | Morpho              |
| 4666 | Java Client    | Task         | New    | Normal   | - All types have the same serialVersionUID (10000000)                                                                        |                 | 2015-02-11 20:08 |                     |
| 7699 | Infrastructure | Bug          | New    | Normal   | alter scripts that backup postgresql db                                                                                      |                 | 2017-05-09 17:33 | dataone-cn-os-core  |
| 8848 | Infrastructure | Story        | New    | Normal   | A minor difference of annotation index between CN and MN                                                                     |                 | 2019-11-01 21:37 |                     |
| 8641 | Infrastructure | Bug          | New    | Normal   | Any change to SystemMetadata causes a new replication task to be generated without consideration of the object replicability | Chris Jones     | 2018-07-04 12:28 | d1_replication      |
| 7750 | CN REST        | Task         | New    | Normal   | apply business rules on the CN that Subject strings will be stripped of leading and trailing whitespace                      |                 | 2016-04-26 17:30 |                     |
| 6615 | Infrastructure | Bug          | New    | Normal   | Apt-get doesn't work on mn-sandbox-unm-1                                                                                     |                 | 2014-11-18 18:45 |                     |
| 6754 | Infrastructure | Task         | New    | Normal   | Architecture API loose ends                                                                                                  | Dave Vieglais   | 2015-01-13 18:54 | Architecture Design |
| 3520 | Member Nodes   | MNDeployment | New    | Low      | ARCTOS Collaborative Collection Management Solution                                                                          | Dave Vieglais   | 2018-04-17 17:18 |                     |
| 3518 | Member Nodes   | Task         | New    | Normal   | Arctos: New MN discussion                                                                                                    | Dave Vieglais   | 2013-01-25 18:27 |                     |
| 8589 | Member Nodes   | Story        | New    | Normal   | ARM: Re-Discovery & Planning                                                                                                 |                 | 2018-05-10 21:44 |                     |
| 8590 | Member Nodes   | Task         | New    | Normal   | ARM: Requirements Analysis                                                                                                   |                 | 2018-05-10 20:50 |                     |
| 8235 | Infrastructure | Task         | New    | Normal   | Arrange with KU library to make use of ORCID membership to support DataONE authentication                                    | Dave Vieglais   | 2018-01-09 02:01 |                     |
| 4674 | Infrastructure | Bug          | New    | Urgent   | Ask Judith, Mike and Virginia Perez.2.1 to obsolete those pids which contain the white spaces.                               | Jing Tao        | 2017-05-04 18:01 | d1_cn_service       |
| 7525 | DUG            | Task         | New    | Normal   | assessment effort update                                                                                                     |                 | 2015-12-07 22:25 |                     |
| 7371 | Infrastructure | Bug          | New    | Normal   | A systemMetadata update that changes the formatID from DATA to METADATA or RESOURCE_MAP will not upload the object to the CN | Robert Waltz    | 2015-09-22 21:47 | d1_cn_service       |
| 2464 | Infrastructure | Task         | New    | Normal   | Authentication - no space after comma in subjects                                                                            | Dave Vieglais   | 2014-10-02 17:21 | Documentation       |
| 2466 | Infrastructure | Task         | New    | Normal   | Authentication - Remove references to Principal                                                                              | Dave Vieglais   | 2014-10-02 17:21 | Documentation       |
| 2465 | Infrastructure | Task         | New    | Normal   | Authentication - Remove TODO about selecting format for principal name                                                       | Dave Vieglais   | 2014-10-02 17:21 | Documentation       |
| 6850 | Java Client    | Story        | New    | Normal   | automate Java Client releases                                                                                                | Rob Nahf        | 2018-01-17 19:42 | d1_libclient_java   |

| #    | Project        | Tracker      | Status | Priority | Subject                                                                                        | Assignee      | Updated          | Category               |
|------|----------------|--------------|--------|----------|------------------------------------------------------------------------------------------------|---------------|------------------|------------------------|
| 3240 | Member Nodes   | MNDeployment | New    | Low      | AZGS - Arizona Geological Survey member node                                                   |               | 2018-04-17 17:18 |                        |
| 7052 | Member Nodes   | MNDeployment | New    | Low      | BaMBa - Brazilian Marine Biodiversity Database                                                 | Laura Moyers  | 2015-11-19 17:03 |                        |
| 3633 | Member Nodes   | MNDeployment | New    | Low      | Bay Delta Member Node                                                                          | Laura Moyers  | 2015-11-19 19:44 |                        |
| 8614 | Member Nodes   | Task         | New    | Normal   | BCO-DMO: testing the member node                                                               | Matthew Jones | 2018-06-13 15:48 |                        |
| 3684 | Member Nodes   | MNDeployment | New    | Low      | Branner Earth Sciences Library - Stanford University                                           | Laura Moyers  | 2015-11-19 19:04 |                        |
| 6791 | Infrastructure | Bug          | New    | Normal   | Building d1_log_aggregation doesn't trigger downstream builds                                  |               | 2015-01-31 00:32 | Support Operations     |
| 8521 | Member Nodes   | Story        | New    | Normal   | CAFF: Testing & Development                                                                    |               | 2018-04-06 15:17 |                        |
| 3080 | Infrastructure | Task         | New    | Normal   | Calling Dataone client library in morpho                                                       |               | 2013-03-02 05:28 |                        |
| 7684 | DataONE API    | Bug          | New    | Low      | Call to MNStorage.update() via REST API returns java.lang.StackOverflowError                   |               | 2016-03-21 23:07 |                        |
| 3895 | Infrastructure | Task         | New    | Normal   | Can we add bugs to a task in a story?                                                          |               | 2014-09-24 18:27 |                        |
| 8672 | Member Nodes   | Task         | New    | Normal   | CDL - upgrade GMN 2.4.0 to 3.0.4                                                               | Roger Dahl    | 2018-08-23 17:13 |                        |
| 7046 | Member Nodes   | Task         | New    | High     | Certificate DC=org,DC=dataone,CN=osu.piscoweb.org expires in Prod environment                  | Laura Moyers  | 2015-04-20 16:54 |                        |
| 8045 | Infrastructure | Bug          | New    | Normal   | certificateLocation not seeming to be utilized                                                 | Rob Nahf      | 2017-03-14 20:45 | d1_libclient_java      |
| 8044 | Infrastructure | Story        | New    | Normal   | certificate manager should check expiration of CAs it loads into the trust manager.            | Rob Nahf      | 2018-01-09 19:10 | d1_libclient_java      |
| 7926 | DUG            | Task         | New    | Normal   | Certification and standards for data repositories (e.g. ISO 17421:2012, Data Seal of Approval) |               | 2016-11-08 22:00 |                        |
| 7851 | Member Nodes   | MNDeployment | New    | Low      | CESAB - Center for Synthesis and Analysis for Biodiversity                                     | Laura Moyers  | 2018-04-17 17:19 |                        |
| 4038 | Infrastructure | Feature      | New    | Normal   | change default replication implementation                                                      | Matthew Jones | 2014-10-01 21:26 | d1_replication         |
| 5136 | Infrastructure | Task         | New    | Normal   | Change DNS settings on all DataONE VMs                                                         | Chris Jones   | 2014-05-08 03:16 | Environment.Production |
| 2286 | Infrastructure | Task         | New    | Low      | Change Exceptions.InvalidToken to Exceptions.InvalidSession                                    | Dave Vieglais | 2014-10-02 17:21 | Documentation          |
| 3063 | Infrastructure | Task         | New    | Normal   | Change Mutability of Metadata documentation                                                    | Dave Vieglais | 2014-09-24 18:27 | Documentation          |
| 2488 | Infrastructure | Story        | New    | Normal   | Changing the authoritativeMembernode will require all replica's systemMetadata be updated      | Dave Vieglais | 2018-01-17 20:39 | d1_synchronization     |
| 8307 | Infrastructure | Story        | New    | Normal   | Check node subject on node registration and subsequent calls                                   | Jing Tao      | 2018-02-06 20:06 | d1_cn_node_registry    |
| 3258 | Member Nodes   | MNDeployment | New    | Low      | CitSci.org MN                                                                                  | Bruce Wilson  | 2018-04-17 17:19 |                        |
| 4722 | Infrastructure | Task         | New    | Normal   | Clarify permissions for CN                                                                     | Dave Vieglais | 2014-10-02 17:21 |                        |
| 1481 | Infrastructure | Task         | New    | Normal   | Clarify spec that groups can own objects                                                       | Matthew Jones | 2014-10-01 20:47 |                        |

| #    | Project        | Tracker  | Status | Priority | Subject                                                                                                                             | Assignee       | Updated          | Category                   |
|------|----------------|----------|--------|----------|-------------------------------------------------------------------------------------------------------------------------------------|----------------|------------------|----------------------------|
| 1485 | Infrastructure | Task     | New    | Normal   | Clean up authn requirements listing                                                                                                 | Matthew Jones  | 2014-10-01 20:47 |                            |
| 8806 | Infrastructure | Story    | New    | Normal   | Cleanup from OS upgrades                                                                                                            |                | 2019-05-21 12:45 |                            |
| 8010 | CN REST        | Bug      | New    | Normal   | CN.archive fails with 401 Unauthorized when using either MN or CN client certificate for PID with authoritative MN as urn:node:LTER | Jing Tao       | 2017-03-21 17:10 |                            |
| 6168 | Infrastructure | Task     | New    | Normal   | CNAuthorization.setRightsHolder() returns 500 ServiceFailure                                                                        | Chris Jones    | 2014-08-29 16:01 | d1_cn_service              |
| 7601 | Infrastructure | Bug      | New    | High     | CN checksum inconsistencies                                                                                                         | Dave Vieglaiss | 2016-01-26 19:29 |                            |
| 8867 | CN REST        | Bug      | New    | High     | CNCore.listChecksumAlgorithms() returns incorrect list                                                                              | Jing Tao       | 2020-08-06 00:06 | d1_cn_rest                 |
| 2342 | Infrastructure | Task     | New    | Normal   | CNCore.reserveldentifier() - Update REST description                                                                                | Dave Vieglaiss | 2014-10-02 17:21 | Documentation              |
| 6392 | Infrastructure | Decision | New    | Normal   | CN getChecksum REST API design review                                                                                               | Dave Vieglaiss | 2014-09-18 17:09 | Requirement                |
| 2968 | Java Client    | Bug      | New    | Normal   | cn.getFormat() doesn't use cn associated with the CNode object                                                                      | Rob Nahf       | 2015-02-11 20:56 | d1_libclient_java          |
| 6250 | Infrastructure | Task     | New    | Normal   | CN methods return 500 ServiceFailure when called with bogus test data and without certificates                                      | Chris Jones    | 2014-08-29 18:59 | d1_cn_service              |
| 8698 | CN REST        | Bug      | New    | Normal   | CN Performance degradation                                                                                                          |                | 2018-09-13 21:05 | d1_cn_rest                 |
| 7884 | Infrastructure | Task     | New    | Normal   | CN portal log is misconfigured                                                                                                      | Rob Nahf       | 2016-09-09 20:18 | d1_portal_servlet          |
| 6166 | Infrastructure | Task     | New    | Normal   | CNRead.getChecksum() returns Content-Type of text/csv while it should be an xml type                                                | Chris Jones    | 2014-08-29 15:04 | d1_cn_service              |
| 3314 | Infrastructure | Task     | New    | Normal   | CNRead.getQueryEngineDescription() - REST URL                                                                                       | Dave Vieglaiss | 2014-10-02 17:21 | Documentation              |
| 3315 | Infrastructure | Task     | New    | Normal   | CNRead.query() - POST in addition to GET                                                                                            | Dave Vieglaiss | 2014-10-02 17:21 | Documentation              |
| 2394 | Infrastructure | Task     | New    | Normal   | CNRead.search() - solr / SOLR                                                                                                       | Dave Vieglaiss | 2014-10-02 17:21 | Documentation              |
| 2131 | Infrastructure | Task     | New    | Normal   | CNRegister.updateNodeCapabilities() - nodeid -> nodeld                                                                              | Dave Vieglaiss | 2014-10-02 17:21 |                            |
| 2054 | Infrastructure | Task     | New    | Normal   | CNReplication.setReplicationPolicy(), updateReplicationMetadata()                                                                   | Dave Vieglaiss | 2014-10-02 17:21 | Documentation              |
| 2053 | Infrastructure | Task     | New    | Normal   | CNReplication.setReplicationStatus() - Add info about serialVersion                                                                 |                | 2014-10-02 17:21 |                            |
| 2475 | Infrastructure | Task     | New    | Normal   | CNReplication.setReplicationStatus() - How to represent null                                                                        | Dave Vieglaiss | 2014-10-02 17:21 | Documentation              |
| 8740 | CN REST        | Bug      | New    | Normal   | CN resolve service returning 404 for some pids                                                                                      |                | 2019-01-22 18:41 | cn_metacat                 |
| 6706 | Infrastructure | Task     | New    | Normal   | CN-SANDBOX initiated synchronization with mnTestLTER before node was "approved"                                                     | Robert Waltz   | 2015-10-09 17:38 | Environment.Sandbox        |
| 8851 | Infrastructure | Story    | New    | Normal   | CN sends error doc with "pid" to v2 endpoint                                                                                        | Jing Tao       | 2019-11-06 22:31 | d1_synchronization         |
| 6070 | Infrastructure | Bug      | New    | Normal   | CNs missing GOA objects                                                                                                             | Robert Waltz   | 2016-08-10 20:56 | d1_synchronization         |
| 8151 | Infrastructure | Task     | New    | Normal   | CNs should verify that the authoritativeMN listed in SystemMetadata is a valid MN                                                   | Jing Tao       | 2017-07-19 21:32 |                            |
| 7301 | CN REST        | Bug      | New    | Normal   | CN-stage allows connections to a MN that is operating a self-signed SSL server certificate                                          |                | 2015-08-19 03:46 |                            |
| 7807 | Infrastructure | Story    | New    | Low      | cn.synchronize should support synchronization failure corrections.                                                                  |                | 2018-01-17 19:15 | Architecture Design        |
| 3612 | Infrastructure | Task     | New    | Normal   | CN SystemMetadata has incomplete obsoletedBy information                                                                            | Ben Leinfelder | 2013-03-08 17:43 | Environment.Productio<br>n |

| #    | Project        | Tracker  | Status | Priority | Subject                                                                                   | Assignee       | Updated          | Category                      |
|------|----------------|----------|--------|----------|-------------------------------------------------------------------------------------------|----------------|------------------|-------------------------------|
| 3411 | Member Nodes   | Task     | New    | Normal   | Collate documents of relevance to MN deployment and operation                             | Dave Vieglais  | 2012-12-01 18:33 |                               |
| 3204 | Member Nodes   | Task     | New    | Normal   | Collate MN metadata for review                                                            | Mike Frame     | 2015-12-03 19:36 |                               |
| 3208 | Member Nodes   | Task     | New    | Normal   | Collate node application metadata for the BIOTA - FAPESP MN                               | Matthew Jones  | 2015-12-03 19:36 |                               |
| 3210 | Member Nodes   | Task     | New    | Normal   | Collect application metadata for the AKN member node                                      | Ben Leinfelder | 2013-01-08 19:23 |                               |
| 3212 | Member Nodes   | Task     | New    | Normal   | Collect metadata for the Taiwan TERN member node                                          | Matthew Jones  | 2014-02-20 21:58 |                               |
| 1339 | Infrastructure | Task     | New    | Normal   | "common" -> "base" or "foundation"                                                        |                | 2011-02-09 23:19 |                               |
| 3974 | Infrastructure | Task     | New    | Normal   | Complete agenda for meeting                                                               | Dave Vieglais  | 2013-09-11 20:59 |                               |
| 8791 | Infrastructure | Story    | New    | Normal   | Complete deprecation of ONEMercury interface                                              | Rob Nahf       | 2019-05-01 14:00 | d1_mercury                    |
| 1334 | Infrastructure | Task     | New    | Normal   | Completely remove detailCode                                                              |                | 2011-02-09 22:51 |                               |
| 1890 | Infrastructure | Task     | New    | Normal   | Comply with Maven Central requirements for publishing artifacts                           | Matthew Jones  | 2011-10-27 21:39 |                               |
| 1521 | Infrastructure | Task     | New    | Normal   | Compressed Response                                                                       |                | 2011-05-04 14:35 |                               |
| 8777 | CN REST        | Task     | New    | Normal   | Configure CN to audit objects greater than 1GB                                            | Chris Jones    | 2019-03-13 20:50 | d1_replication_auditor        |
| 1225 | Infrastructure | Task     | New    | Normal   | Configure Hudson Metacat build                                                            |                | 2011-01-13 14:41 | Metacat                       |
| 1227 | Infrastructure | Task     | New    | Normal   | configure Hudson to build Mercury for deployment to a CN                                  | Dave Vieglais  | 2011-01-13 15:16 | d1_mercury                    |
| 3313 | Infrastructure | Task     | New    | Normal   | Configure indexer to handle inline eml data                                               | Skye Roseboom  | 2012-10-08 21:01 | d1_indexer                    |
| 6565 | Infrastructure | Task     | New    | Normal   | Configure Jenkins jobs for ezid (ezid-client)                                             | Rob Nahf       | 2014-12-15 18:36 |                               |
| 6569 | Infrastructure | Task     | New    | Normal   | configure jobs for tag 1.0.1, 1.0.0 and 0.9.0                                             | Rob Nahf       | 2014-11-14 17:56 |                               |
| 8237 | Infrastructure | Task     | New    | Normal   | Configure production environment to use new API key under KU ORCID membership             | Dave Vieglais  | 2018-01-09 02:21 | Authentication, Authorization |
| 8817 | Infrastructure | Task     | New    | Normal   | Configure sitemaps on the CN                                                              | Jing Tao       | 2020-03-12 18:30 |                               |
| 8832 | Member Nodes   | Story    | New    | Normal   | Conflict between pyshacl and owl on ubuntu                                                | John Evans     | 2019-08-05 19:32 |                               |
| 3577 | Infrastructure | Task     | New    | Normal   | Confusing message about "Ignored Tests present".                                          | Rob Nahf       | 2013-02-14 22:36 | MNWebChecker                  |
| 8616 | Infrastructure | Decision | New    | Normal   | Consider expanding isotc211's indexing component's keyword XPath to cover topicCategories |                | 2018-06-15 00:13 |                               |
| 8215 | Infrastructure | Bug      | New    | Normal   | Consider how Subjects are compared (e.g. HTTP vs. HTTPS ORCID URIs)                       |                | 2017-11-07 22:11 |                               |
| 5145 | Infrastructure | Feature  | New    | Normal   | Consider including cert subject(s) in NotAuthorized exceptions                            | Chris Jones    | 2014-09-25 17:44 | d1_cn_service                 |
| 8070 | Infrastructure | Task     | New    | Normal   | Consolidate the index application-context files                                           | Jing Tao       | 2017-04-13 12:51 |                               |
| 3537 | Member Nodes   | Task     | New    | Normal   | Contact followup on Citsci.org MN prospect                                                | Laura Moyers   | 2014-03-28 18:03 |                               |
| 3216 | Member Nodes   | Task     | New    | Normal   | Contact GEO BON for possible MN                                                           | Matthew Jones  | 2012-09-05 03:29 |                               |
| 3535 | Member Nodes   | Task     | New    | Normal   | Contact LITS prospect MN to scope out prospects                                           | Matthew Jones  | 2013-01-30 21:15 |                               |
| 7641 | Infrastructure | Task     | New    | Normal   | contact ONEShare                                                                          | Laura Moyers   | 2016-02-12 16:40 | Environment.Production        |
| 3177 | Member Nodes   | Task     | New    | Normal   | Contact operators                                                                         | Matthew Jones  | 2012-09-05 01:46 |                               |

| #    | Project          | Tracker      | Status | Priority | Subject                                                                        | Assignee       | Updated          | Category                      |
|------|------------------|--------------|--------|----------|--------------------------------------------------------------------------------|----------------|------------------|-------------------------------|
| 3181 | Member Nodes     | Task         | New    | Normal   | Contact PFRP as potential MN                                                   | Matthew Jones  | 2013-01-30 21:00 |                               |
| 2343 | Infrastructure   | Task         | New    | Normal   | Convert style sheets to separate product                                       | Ben Leinfelder | 2012-02-15 17:43 |                               |
| 4068 | Member Nodes     | Task         | New    | Normal   | Coordinate discussions for biodiversity data in DataONE with TDWG participants | Dave Vieglais  | 2016-06-17 19:31 |                               |
| 1552 | Java Client      | Task         | New    | Normal   | Copy TestSimpleMultipartEntity from d1_common_java to d1_integration           | Rob Nahf       | 2015-02-11 19:49 |                               |
| 7549 | Member Nodes     | MNDeployment | New    | Low      | COS - the Center for Open Science                                              | Laura Moyers   | 2018-04-17 17:20 |                               |
| 6748 | Java Client      | Task         | New    | Normal   | Create a factory / builder class for converting versioned types.               |                | 2015-02-11 19:47 |                               |
| 6513 | Infrastructure   | Story        | New    | Normal   | Create a Local Cache of all Membernode log records on the single master CN     | Dave Vieglais  | 2018-01-17 19:49 | d1_log_aggregation            |
| 7184 | Infrastructure   | Task         | New    | Normal   | Create an Ansible script that can replace a server certificate                 | Nick Outin     | 2015-06-15 15:10 | Support Operations            |
| 7876 | Infrastructure   | Feature      | New    | Normal   | Create a new admin page for Metacat admins to register schemas                 | Jing Tao       | 2016-12-21 09:11 | Metacat                       |
| 7103 | Member Nodes     | Task         | New    | Normal   | Create a new test certificate for mnStagePISCO                                 | Dave Vieglais  | 2015-05-14 18:29 |                               |
| 4704 | Infrastructure   | Task         | New    | Normal   | Create a view of MN holdings from a CN perspective                             | Dave Vieglais  | 2014-04-09 15:33 |                               |
| 3488 | Infrastructure   | Task         | New    | Normal   | Create custom merge policy to support managing data/information inconsistency  | Chris Jones    | 2014-03-14 17:27 | Metacat                       |
| 2545 | Infrastructure   | Task         | New    | Normal   | create d1_integration tests using for MN.generateIdentifier                    | Rob Nahf       | 2014-10-02 17:54 | d1_integration                |
| 2664 | Infrastructure   | Task         | New    | Normal   | Create documentation for how transitivity is enacted for authorization         | Matthew Jones  | 2014-10-01 20:47 | Authentication, Authorization |
| 7533 | DUG              | Task         | New    | Normal   | Create DUG 2016 Meeting page                                                   |                | 2015-12-08 21:44 |                               |
| 8792 | Infrastructure   | Task         | New    | Normal   | Create landing page for redirection from ONEMercury                            |                | 2019-05-01 14:03 |                               |
| 1554 | Java Client      | Task         | New    | Normal   | Create MockHttpClient for testing in d1_common_java                            | Rob Nahf       | 2015-02-11 19:49 | d1_common_java                |
| 4300 | Infrastructure   | Bug          | New    | Low      | Create more appropriate "create" entry in the LogRecord for replicas           | Roger Dahl     | 2016-04-21 22:38 | d1_mn_GMN                     |
| 7166 | OGC-Slender Node | Story        | New    | Normal   | Create ORE document for an NODC data package                                   | Dave Vieglais  | 2015-06-08 18:50 |                               |
| 1494 | Infrastructure   | Task         | New    | Normal   | Create sequence diagrams for Authentication services.                          | Matthew Jones  | 2014-10-01 20:47 |                               |
| 8646 | Member Nodes     | Task         | New    | Normal   | (cyverse) Formal Announcement                                                  |                | 2018-07-19 18:31 |                               |
| 8643 | Member Nodes     | Task         | New    | Normal   | (Cyverse) Implement in Production Environment                                  |                | 2018-07-05 14:25 |                               |
| 8568 | Member Nodes     | Story        | New    | Normal   | (CyVerse) Move to production                                                   |                | 2018-04-23 21:18 |                               |
| 8645 | Member Nodes     | Task         | New    | Normal   | (Cyverse) Mutual acceptance                                                    | Amy Forrester  | 2018-07-05 14:26 |                               |
| 8644 | Member Nodes     | Task         | New    | Normal   | (Cyverse) Register in Production                                               |                | 2018-07-05 14:25 |                               |
| 8564 | Member Nodes     | Story        | New    | Normal   | (CyVerse) Testing & Development                                                | Rob Nahf       | 2018-07-02 19:56 |                               |
| 8857 | Infrastructure   | Story        | New    | Normal   | D1Client.getCN() always get the production cn on the CN Tomcat context         | Jing Tao       | 2019-12-13 00:34 | dataone-cn-rest-service       |
| 8448 | Infrastructure   | Bug          | New    | Normal   | d1_cn_index_tool doesn't reindex an pid from a given file                      | Jing Tao       | 2018-03-02 22:06 | d1_indexer                    |
| 7713 | Infrastructure   | Story        | New    | Normal   | d1DebConfig.xml should be versioned in dataone-cn-os-core                      | Rob Nahf       | 2018-01-17 19:24 | d1_cn_buildout                |



| #    | Project        | Tracker     | Status | Priority | Subject                                                                                                                                         | Assignee          | Updated          | Category            |
|------|----------------|-------------|--------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------|---------------------|
| 8686 | Infrastructure | Bug         | New    | Normal   | d1-index-task-processor failed with NPE                                                                                                         | Rob Nahf          | 2018-08-24 01:35 | d1_indexer          |
| 7933 | Infrastructure | Bug         | New    | Normal   | d1-index-task-processor stops processing task queue                                                                                             | Jing Tao          | 2017-01-11 23:47 | d1_indexer          |
| 8022 | Infrastructure | Story       | New    | Normal   | d1_log_aggregation has different version of Hazelcast than the rest of CN stack. Hazelcast version very out of date.                            | Rob Nahf          | 2018-01-09 19:10 | d1_log_aggregation  |
| 8161 | Infrastructure | Bug         | New    | Normal   | d1-processing Out of Memory Error                                                                                                               | Dave Vieglais     | 2018-02-20 16:19 | d1_process_daemon   |
| 8635 | Member Nodes   | Task        | New    | Normal   | DAAC: Develop or Implement MN Software                                                                                                          |                   | 2018-07-02 15:00 |                     |
| 8634 | Member Nodes   | Story       | New    | Normal   | DAAC: Testing & Development                                                                                                                     | Dave Vieglais     | 2018-07-02 14:55 |                     |
| 8636 | Member Nodes   | Task        | New    | Normal   | DAAC: Test Registration                                                                                                                         |                   | 2018-07-02 14:58 |                     |
| 7650 | Infrastructure | Story       | New    | Normal   | DAO for SystemMetadata changes the SystemMetadata.replicationPolicy                                                                             | Rob Nahf          | 2018-01-17 19:31 | d1_cn_common        |
| 7925 | DUG            | Task        | New    | Normal   | Data Center certification                                                                                                                       |                   | 2016-11-08 21:33 |                     |
| 7922 | Infrastructure | Task        | New    | Normal   | DataONE Accessibility                                                                                                                           | Isis Serna        | 2016-10-31 23:05 |                     |
| 6060 | Infrastructure | Bug         | New    | Normal   | dataone-cn-index install should fail if subtasks fail                                                                                           | Robert Waltz      | 2016-08-10 20:58 | d1_cn_buildout      |
| 4142 | Infrastructure | Bug         | New    | Normal   | dataone-cn-processdaemon prerm needs to be reconfiguration friendly                                                                             | Robert Waltz      | 2016-08-10 20:58 | d1_cn_buildout      |
| 7862 | DUG            | Task        | New    | Normal   | DataONE DUG page may need updating<br>( <a href="https://www.dataone.org/dataone-users-group">https://www.dataone.org/dataone-users-group</a> ) |                   | 2016-08-08 15:00 |                     |
| 592  | Requirements   | Requirement | New    | High     | DataONE needs to synchronize metadata between MNs and CNs                                                                                       | Robert Waltz      | 2010-09-06 02:28 | d1_cn_service       |
| 3762 | Infrastructure | Feature     | New    | Low      | DataONE software download statistics                                                                                                            | Roger Dahl        | 2014-10-01 21:32 | d1_dashboard        |
| 7909 | DUG            | Task        | New    | Normal   | DataONE update audio/visual equipment for remote link                                                                                           |                   | 2016-10-11 20:49 |                     |
| 6483 | Infrastructure | Task        | New    | Normal   | DataONE xsede VM at ORC                                                                                                                         | Michael Campfield | 2014-10-24 10:54 |                     |
| 5516 | MN Dashboard   | Feature     | New    | Normal   | Date formatting                                                                                                                                 | Skye Roseboom     | 2015-04-29 22:48 |                     |
| 8601 | Infrastructure | Decision    | New    | Normal   | Decide on a URI space for DataONE resources                                                                                                     |                   | 2018-07-18 21:42 |                     |
| 1484 | Infrastructure | Task        | New    | Normal   | Decide on format for Principals                                                                                                                 | Matthew Jones     | 2014-10-01 20:47 |                     |
| 3643 | Infrastructure | Task        | New    | Normal   | Decide on future of stage-2 environment                                                                                                         | Robert Waltz      | 2015-01-14 00:41 |                     |
| 2660 | Infrastructure | Task        | New    | Normal   | Deciding on a key size for D1 certs                                                                                                             | Dave Vieglais     | 2014-10-02 17:21 | Documentation       |
| 8736 | Infrastructure | Story       | New    | Normal   | Decouple the index generator to the hazelcast system metadata map                                                                               |                   | 2019-01-22 19:27 | d1_indexer          |
| 6499 | Infrastructure | Feature     | New    | Normal   | define and implement addFormat() method                                                                                                         | Rob Nahf          | 2016-06-22 16:51 | Architecture Design |
| 1471 | Infrastructure | Task        | New    | Normal   | Define implicit curator role at Member Nodes.                                                                                                   | Matthew Jones     | 2014-10-01 20:47 |                     |
| 3658 | DataONE API    | Bug         | New    | Normal   | Deleting objects breaks obsoletes chain traversal                                                                                               | Chris Jones       | 2015-01-19 22:29 |                     |
| 8862 | Infrastructure | Story       | New    | Normal   | Deploy a new dataone-cn-rest release                                                                                                            | Jing Tao          | 2020-04-23 16:24 |                     |
| 8514 | Infrastructure | Task        | New    | Normal   | deploy new Metacat / synchronization slows down because of increased cn.create times                                                            | Rob Nahf          | 2018-03-22 17:07 | d1_synchronization  |
| 4661 | Java Client    | Task        | New    | Normal   | Deprecated methods give no indication of the (Java) version in which they will be removed                                                       |                   | 2015-02-11 20:08 |                     |

| #    | Project               | Tracker      | Status | Priority | Subject                                                                                             | Assignee          | Updated          | Category               |
|------|-----------------------|--------------|--------|----------|-----------------------------------------------------------------------------------------------------|-------------------|------------------|------------------------|
| 7571 | CN REST               | Task         | New    | Normal   | Description for error code 401, detail code 4957 is misleading in some cases                        |                   | 2016-01-05 16:25 |                        |
| 2123 | Infrastructure        | Task         | New    | Normal   | Description of serialVersion                                                                        | Dave Vieglais     | 2014-10-02 17:21 | Documentation          |
| 2944 | Infrastructure        | Story        | New    | Normal   | Design and implement a MN kill switch mechanism                                                     | Dave Vieglais     | 2018-01-17 20:30 | Support Operations     |
| 1073 | Infrastructure        | Task         | New    | Normal   | Design client application authentication redirection approach                                       | Matthew Jones     | 2014-10-01 20:47 | d1_identity_manager    |
| 1482 | Infrastructure        | Task         | New    | Normal   | Design mechanism to collapse two accounts into one                                                  | Matthew Jones     | 2014-10-01 20:47 |                        |
| 2035 | Infrastructure        | Task         | New    | Normal   | Design nagios system for monitoring CN locations                                                    | Nick Outin        | 2014-09-24 18:29 | d1_monitor             |
| 3156 | Infrastructure        | Task         | New    | Low      | Design Review: resource map indexing strategy                                                       | Skye Roseboom     | 2012-08-27 18:51 | d1_indexer             |
| 7155 | OGC-Slender Node      | Task         | New    | Normal   | Design the connector, including sources of key information                                          | Dave Vieglais     | 2015-06-05 11:42 |                        |
| 2168 | CN REST               | Task         | New    | Normal   | Design UI for identity validation                                                                   | Ben Leinfelder    | 2015-01-19 22:59 |                        |
| 1474 | Infrastructure        | Task         | New    | Normal   | Design verification process for new accounts                                                        | Matthew Jones     | 2014-10-01 20:47 |                        |
| 5988 | Infrastructure        | Task         | New    | Normal   | Determine cause of ldap "server not responding" errors between prod CNs                             | Jing Tao          | 2014-07-22 23:18 | Hardware               |
| 7668 | Infrastructure        | Story        | New    | Normal   | Determine how indexing of data packages should work                                                 | Jing Tao          | 2018-01-17 19:28 | d1_indexer             |
| 8084 | Infrastructure        | Story        | New    | Normal   | determine the backup strategy for rabbitMQ                                                          | Rob Nahf          | 2018-01-17 18:46 | d1_indexer             |
| 5498 | Infrastructure        | Task         | New    | Normal   | Determine the cause of the Jun2014 cn-orc-1 out of memory issue                                     | Michael Campfield | 2014-10-31 19:11 | Environment.Production |
| 1644 | DataONE API           | Story        | New    | Normal   | Develop an object format creation policy                                                            |                   | 2018-01-17 20:46 |                        |
| 3410 | Member Nodes          | Task         | New    | Normal   | Develop a Redmine Cheatsheet to help with a wider REDMine user community interacting with MN issues | John Cobb         | 2012-11-30 19:36 |                        |
| 2688 | Infrastructure        | Task         | New    | Normal   | Develop guidelines for how Subject entries are handled - creation, normalization, comparison        | Dave Vieglais     | 2014-09-24 18:27 | Documentation          |
| 8349 | Testing MN Management | Task         | New    | Normal   | Develop or Implement MN Software                                                                    |                   | 2018-02-08 15:28 |                        |
| 7559 | Infrastructure        | Story        | New    | Normal   | Develop plan for securing application passwords in the CN stack                                     | Dave Vieglais     | 2018-01-17 19:34 | Architecture Design    |
| 8061 | Infrastructure        | Story        | New    | Normal   | develop queue-based processing system for the CN                                                    | Rob Nahf          | 2018-01-17 19:00 | Architecture Design    |
| 8780 | Infrastructure        | Feature      | New    | Normal   | Develop support for DataCite 4.0 and 4.1 and 4.2                                                    | Dave Vieglais     | 2019-03-30 20:38 | d1_indexer             |
| 7176 | Infrastructure        | Task         | New    | Normal   | Develop textual documentation for certificate management                                            | Dave Vieglais     | 2015-06-10 01:33 | Documentation          |
| 7177 | Infrastructure        | Task         | New    | Normal   | Develop video documentation for certificate management                                              | Dave Vieglais     | 2015-06-10 01:33 | Documentation          |
| 3690 | Member Nodes          | MNDeployment | New    | Low      | Digital Library of Vertebrate Morphology, University of Texas                                       | Laura Moyers      | 2015-11-19 17:53 |                        |
| 8340 | Testing MN Management | Story        | New    | Normal   | Discovery                                                                                           |                   | 2018-02-08 15:28 |                        |
| 8381 | Testing MN Management | Story        | New    | Normal   | Discovery                                                                                           |                   | 2018-02-27 17:32 |                        |

| #    | Project               | Tracker | Status | Priority | Subject                                                                                                         | Assignee       | Updated          | Category                      |
|------|-----------------------|---------|--------|----------|-----------------------------------------------------------------------------------------------------------------|----------------|------------------|-------------------------------|
| 8351 | Testing MN Management | Task    | New    | Normal   | Display as Upcoming                                                                                             |                | 2018-02-08 15:28 |                               |
| 6336 | MN Dashboard          | Feature | New    | Normal   | Display MN POCs on the detail MN pages of the dashboard                                                         | Skye Roseboom  | 2015-04-29 22:49 |                               |
| 4120 | Infrastructure        | Task    | New    | Normal   | Display total data downloads in the SummaryView header                                                          | Skye Roseboom  | 2014-03-31 17:41 | d1_dashboard                  |
| 6167 | Infrastructure        | Task    | New    | Normal   | Docs for CNRead.search() say "SOLR" in capital but actual API expects "solr" in lower case                      | Dave Vieglaiss | 2014-10-02 17:21 | Documentation                 |
| 8238 | Infrastructure        | Task    | New    | Normal   | Document contacts and procedure for using KU ORCID membership API key                                           | Dave Vieglaiss | 2018-01-09 02:22 | Authentication, Authorization |
| 2018 | Infrastructure        | Task    | New    | Normal   | document DataONE CA operations procedures                                                                       | Matthew Jones  | 2012-04-23 17:53 | Support Operations            |
| 2033 | Infrastructure        | Task    | New    | Normal   | Document hardware / CN administrators and their contact info                                                    | Dave Vieglaiss | 2014-09-24 18:29 | Management                    |
| 8171 | Infrastructure        | Task    | New    | Normal   | Document hazelcast components to be moved to postgres storage                                                   | Monica Ihli    | 2017-09-01 15:25 |                               |
| 8169 | Infrastructure        | Task    | New    | Normal   | Document process for changing the postgres master                                                               | Monica Ihli    | 2017-09-01 15:09 |                               |
| 2549 | Infrastructure        | Task    | New    | Normal   | document the decision                                                                                           | Matthew Jones  | 2012-03-27 22:03 | Authentication, Authorization |
| 7883 | Infrastructure        | Task    | New    | Normal   | Document the log files of relevance on Coordinating Nodes                                                       |                | 2016-09-09 20:20 |                               |
| 3811 | Infrastructure        | Task    | New    | Normal   | Document the "non-standard" certificates being used for accessing content in DataONE and it's member nodes      | Rob Nahf       | 2014-09-24 18:27 | Support Operations            |
| 3308 | Infrastructure        | Task    | New    | Normal   | Document the process for removing content contributed from a specific member node and/or the entire member node | Dave Vieglaiss | 2014-03-14 18:29 | Support Operations            |
| 2031 | Infrastructure        | Task    | New    | Normal   | Document the structure and interconnections of VM host hardware at UCSB                                         | Nick Outin     | 2014-09-24 18:29 | Hardware                      |
| 2030 | Infrastructure        | Task    | New    | Normal   | Document the structure and interconnections of VM host hardware at UNM                                          | Dave Vieglaiss | 2014-09-24 18:29 | Hardware                      |
| 2028 | Infrastructure        | Task    | New    | Normal   | Document VM specifications for CNs                                                                              | Dave Vieglaiss | 2014-09-24 18:29 | Management                    |
| 2029 | Infrastructure        | Task    | New    | Normal   | Document VM specifications for replication MNs                                                                  | Dave Vieglaiss | 2014-09-24 18:29 | Management                    |
| 8109 | Infrastructure        | Story   | New    | Normal   | Does authentication token need to include group information?                                                    | Dave Vieglaiss | 2018-01-17 18:45 | Authentication, Authorization |
| 7864 | DUG                   | Task    | New    | Normal   | DOI Services for Members                                                                                        |                | 2016-08-09 20:40 |                               |
| 7907 | DUG                   | Task    | New    | Normal   | Doodle poll on the time/date for monthly meeting                                                                |                | 2016-10-11 20:35 |                               |
| 8696 | Infrastructure        | Bug     | New    | Urgent   | double indexing of a resource map and another not processed because of resource contention (lock) on member     | Rob Nahf       | 2018-09-12 00:22 | d1_indexer                    |
| 7476 | DUG                   | Task    | New    | Normal   | Do we need an event management system to better organize the DUG?                                               |                | 2015-11-09 22:43 |                               |

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