

## Issues

| #    | Project          | Tracker      | Status      | Priority | Subject   | Assignee      | Updated          | Category                   |
|------|------------------|--------------|-------------|----------|---|---------------|------------------|----------------------------|
| 3878 | Infrastructure   | Task         | New         | Normal   | 4.2.1.1 Missing and Out-of-Date Documentation   | Dave Vieglais | 2014-09-24 18:27 |                            |
| 3879 | Infrastructure   | Task         | New         | Normal   | 4.2.1.2 Missing Policies and Expectations   |               | 2014-09-24 18:27 | Environment.Producti<br>on |
| 3880 | Infrastructure   | Task         | New         | Normal   | 4.2.1.3 CILogon Extension Not Documented  |               | 2014-09-24 18:27 | Environment.Producti<br>on |
| 3881 | Infrastructure   | Task         | New         | Normal   | 4.2.1.4 Definition of Verified User Lacking   | Dave Vieglais | 2014-09-24 18:27 | Documentation              |
| 8254 | Member Nodes     | MNDeployment | Planning    | Normal   | ABDS - Arctic Biodiversity Data Service (CAFF)  | Amy Forrester | 2019-09-17 14:31 |                            |
| 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 Vieglais | 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 |                            |
| 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               |
| 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<br>Engagement    |
| 2344 | Infrastructure   | Task         | New         | Normal   | Add category for Ben's style sheets in Redmine  | Dave Vieglais | 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 |                            |
| 7181 | Python Libraries | Task         | In Progress | Normal   | add d1_libclient_python implementation  | Dave Vieglais | 2016-04-21 22:37 | d1_libclient_python        |
| 8587 | Member Nodes     | Task         | New         | Normal   | Add DataONE Logo to SanParks website  | Jing Tao      | 2018-05-09 21:19 |                            |
| 1159 | Infrastructure   | Task         | In Progress | Normal   | Add description of Group creation and management to design specs.   | Matthew Jones | 2014-10-01 20:47 |                            |
| 3807 | Infrastructure   | Task         | New         | Normal   | Add documentation for Types.QueryEngineDescription  | Dave Vieglais | 2014-10-02 17:21 | Documentation              |
| 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.reserveldentifier()  | Dave Vieglais | 2014-10-02 17:21 | Documentation              |

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| 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    |
| 2540 | Infrastructure   | Feature  | In Progress | Normal   | add generateIdentifier() method to MNStorage API                         | Dave Vieglais   | 2014-10-02 17:54 | Documentation       |
| 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 |                     |
| 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   |
| 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 |                     |
| 7137 | Python GMN       | Task     | Testing     | Normal   | Add support for V2 urls  | Dave Vieglais   | 2016-03-25 01:27 |                     |
| 3466 | Infrastructure   | Task     | New         | Normal   | Add synthetic key to systemMetadata table                                | Ben Leinfelder  | 2013-01-08 18:30 |                     |
| 6854 | Infrastructure   | Feature  | In Progress | Normal   | add testAssumptionFailure to run listener                                | Rob Nahf        | 2016-01-26 22:30 | d1_integration      |
| 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 |                     |

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| 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      |
| 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 |                     |
| 7962 | Member Nodes   | MNDeployment | Deferred    | Low      | Alaska EPSCoR  | Rebecca Koskela | 2018-04-13 18:28 |                     |
| 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 |                     |
| 4053 | Infrastructure | Task         | In Progress | Normal   | Architect OPeNDAP MN   | Dave Vieglais   | 2013-10-06 20:11 | mn.OPeNDAP          |
| 6754 | Infrastructure | Task         | New         | Normal   | Architecture API loose ends  | Dave Vieglais   | 2015-01-13 18:54 | Architecture Design |
| 7929 | Member Nodes   | Task         | In Progress | Normal   | Archive content for SEAD   |                 | 2016-11-09 17:11 |                     |
| 7629 | Member Nodes   | MNDeployment | Operational | Normal   | Arctic Data Center - Data and Software about the Arctic  | Matthew Jones   | 2018-01-10 17:53 |                     |
| 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 |                     |
| 3230 | Member Nodes   | MNDeployment | Planning    | Normal   | ARM - Atmospheric Radiation Measurement member node  | John Evans      | 2019-11-25 20:10 |                     |
| 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 |                     |

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| 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 |                    |
| 3122 | Infrastructure | Bug          | In Progress | Normal   | asterisk in search term  | Skye Roseboom  | 2014-10-02 18:02 | d1_mercury         |
| 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      |
| 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  |
| 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  |
| 3209 | Member Nodes   | MNDeployment | Deferred    | Normal   | Avian Knowledge Network/Cornell Laboratory of Ornithology  | Ben Leinfelder | 2016-06-17 19:31 |                    |
| 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 |                    |
| 6562 | Member Nodes   | MNDeployment | Operational | Normal   | BCO-DMO  | Laura Moyers   | 2021-12-04 00:47 |                    |
| 8614 | Member Nodes   | Task         | New         | Normal   | BCO-DMO: testing the member node   | Matthew Jones  | 2018-06-13 15:48 |                    |
| 3207 | Member Nodes   | MNDeployment | Deferred    | Normal   | BIOTA - FAPESP MN  | Matthew Jones  | 2016-06-17 19:32 |                    |
| 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 |
| 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 |                    |
| 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 |                    |
| 5451 | Member Nodes   | MNDeployment | Operational | Normal   | Cary Institute (via Figshare)  | Monica Ihli    | 2019-04-17 21:39 |                    |
| 3558 | Member Nodes   | MNDeployment | Operational | High     | CDL Merritt  | Laura Moyers   | 2018-08-23 17:05 |                    |
| 8672 | Member Nodes   | Task         | New         | Normal   | CDL - upgrade GMN 2.4.0 to 3.0.4   | Roger Dahl     | 2018-08-23 17:13 |                    |

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| 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.Producti<br>on |
| 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              |
| 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         |
| 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        |
| 8544 | Member Nodes   | MNDeployment | Operational | Normal   | Chinese Ecosystem Research Network  | Amy Forrester | 2018-12-04 14:56 |                            |
| 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 |                            |
| 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 |                            |
| 8839 | Member Nodes   | MNDeployment | Planning    | Normal   | CMU KiltHub via Figshare  | Roger Dahl    | 2019-09-24 17:48 |                            |
| 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 Vieglais | 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 Vieglais | 2014-10-02 17:21 | Documentation              |
| 6392 | Infrastructure | Decision     | New         | Normal   | CN getChecksum REST API design review   | Dave Vieglais | 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          |

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| 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          |
| 3419 | Infrastructure | Task    | In Progress | Normal   | CNRead.describe() does not return Content-Length header  | Chris Jones    | 2013-02-21 18:41 | Metacat                    |
| 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 Vieglais  | 2014-10-02 17:21 | Documentation              |
| 3315 | Infrastructure | Task    | New         | Normal   | CNRead.query() - POST in addition to GET   | Dave Vieglais  | 2014-10-02 17:21 | Documentation              |
| 2394 | Infrastructure | Task    | New         | Normal   | CNRead.search() - solr / SOLR  | Dave Vieglais  | 2014-10-02 17:21 | Documentation              |
| 2131 | Infrastructure | Task    | New         | Normal   | CNRegister.updateNodeCapabilities() - nodeid -> nodeId   | Dave Vieglais  | 2014-10-02 17:21 |                            |
| 2054 | Infrastructure | Task    | New         | Normal   | CNReplication.setReplicationPolicy(), updateReplicationMetadata()                              | Dave Vieglais  | 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 Vieglais  | 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         |
| 7958 | Infrastructure | Task    | In Progress | Normal   | CN sometimes sends invalid submitSynchronizationFailed document to MN                          | Rob Nahf       | 2017-01-04 17:23 | 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.Producti<br>on |
| 6378 | Infrastructure | Task    | Testing     | Normal   | code up the new strategy   | Rob Nahf       | 2016-06-22 16:53 | d1_replication             |
| 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 |                            |

| #    | Project        | Tracker  | Status      | Priority | Subject   | Assignee       | Updated          | Category                      |
|------|----------------|----------|-------------|----------|---|----------------|------------------|-------------------------------|
| 1339 | Infrastructure | Task     | New         | Normal   | "common" -> "base" or "foundation"  |                | 2011-02-09 23:19 |                               |
| 3974 | Infrastructure | Task     | New         | Normal   | Complete agenda for meeting   | Dave Vieglaiss | 2013-09-11 20:59 |                               |
| 1467 | Infrastructure | Task     | In Progress | Normal   | Complete d1_schema changes for Authz and Authn.   | Matthew Jones  | 2014-10-01 20:47 | Documentation                 |
| 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 Vieglaiss | 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 |                               |
| 7890 | Infrastructure | Task     | In Progress | Normal   | configure jenkins-ucsb-1 apache server to host ubuntu repositories                        | Rob Nahf       | 2017-04-19 19:12 |                               |
| 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 Vieglaiss | 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                  |
| 8038 | Infrastructure | Story    | In Progress | Normal   | connect logging output to a log analysis tool   | Dave Vieglaiss | 2018-01-17 18:52 | d1_synchronization            |
| 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 |                               |
| 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 |                               |

| #    | Project        | Tracker      | Status      | Priority | Subject  | Assignee       | Updated          | Category                         |
|------|----------------|--------------|-------------|----------|--|----------------|------------------|----------------------------------|
| 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.Producti<br>on       |
| 3177 | Member Nodes   | Task         | New         | Normal   | Contact operators  | Matthew Jones  | 2012-09-05 01:46 |                                  |
| 7612 | Infrastructure | Task         | In Progress | Normal   | Contact ORNLDAAC   | Laura Moyers   | 2016-02-11 18:02 | Environment.Producti<br>on       |
| 3181 | Member Nodes   | Task         | New         | Normal   | Contact PFRP as potential MN   | Matthew Jones  | 2013-01-30 21:00 |                                  |
| 7358 | Infrastructure | Story        | In Progress | Normal   | ContactSubject on NodeList must be valid D1 Idap entry                         | Dave Vieglais  | 2016-12-21 09:05 | Authentication,<br>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 |                                  |
| 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 |                                  |
| 3560 | Member Nodes   | MNDeployment | Operational | Normal   | Cornell Lab of Ornithology eBird   | Laura Moyers   | 2018-08-06 21:12 |                                  |
| 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               |
| 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 |                                  |
| 725  | Infrastructure | Story        | In Progress | Normal   | Create Authentication and Access control design specifications                 | Dave Vieglais  | 2018-01-17 20:52 | Documentation                    |
| 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,<br>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 |                                  |



| #    | Project          | Tracker      | Status      | Priority | Subject  | Assignee       | Updated          | Category                |
|------|------------------|--------------|-------------|----------|--|----------------|------------------|-------------------------|
| 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               |
| 7138 | Python GMN       | Task         | Testing     | Normal   | Create new view functions  | Dave Vieglais  | 2016-03-25 01:27 |                         |
| 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 |                         |
| 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 |                         |
| 8225 | Member Nodes     | Story        | In Progress | Normal   | Customize Indexing & View for gmd-pangaea  | Rob Nahf       | 2018-05-17 14:30 |                         |
| 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 |                         |
| 3234 | Member Nodes     | MNDeployment | Testing     | Normal   | CyVerse (iPlant) member node   | Rob Nahf       | 2019-03-05 18:36 |                         |
| 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 |                         |
| 6034 | Infrastructure   | Task         | In Progress | Normal   | d1_client_cli CCI 2.0 support  | Roger Dahl     | 2014-08-11 16:23 | d1_client_cli           |
| 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 |
| 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       |
| 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              |
| 6026 | Infrastructure   | Task         | In Progress | Normal   | d1_common CCI 2.0 support  | Roger Dahl     | 2014-08-01 15:49 | d1_common_python        |
| 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          |
| 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              |
| 6033 | Infrastructure   | Task         | In Progress | Normal   | d1_libclient_python CCI 2.0 support  | Roger Dahl     | 2014-08-11 16:22 | d1_libclient_python     |
| 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      |
| 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       |
| 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 |                         |

| #    | Project        | Tracker      | Status      | Priority | Subject  | Assignee          | Updated          | Category            |
|------|----------------|--------------|-------------|----------|--|-------------------|------------------|---------------------|
| 8633 | Member Nodes   | Task         | In Progress | Normal   | DAAC: Re-Training & Re-Deployment Planning   | Amy Forrester     | 2018-07-02 14:53 |                     |
| 8634 | Member Nodes   | Story        | New         | Normal   | DAAC: Testing & Development  | Dave Viegla       | 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 ( <a href="https://www.dataone.org/dataone-users-group">https://www.dataone.org/dataone-users-group</a> ) |                   | 2016-08-08 15:00 |                     |
| 4188 | Infrastructure | Story        | In Progress | Normal   | dataone Exception definition and implementation requires clarification   | Dave Viegla       | 2018-01-17 20:05 | d1_schemas          |
| 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 |                     |
| 5453 | Member Nodes   | MNDeployment | Deferred    | Normal   | Dataverse  | Laura Moyers      | 2018-07-24 16:41 |                     |
| 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 Viegla       | 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 |                     |
| 5141 | Infrastructure | Story        | In Progress | Normal   | Describe the mn.updateSystemMetadata behavior in use case document   | Dave Viegla       | 2018-01-17 19:58 | Documentation       |

| #    | 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        |
| 2169 | Infrastructure        | Task    | In Progress | Normal   | Design content and layout for status page   | Dave Vieglais     | 2012-03-14 20:40 | d1_monitor                 |
| 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 |                            |
| 1479 | CN REST               | Task    | In Progress | Normal   | Design web UI for validating newly created identities   | Ben Leinfelder    | 2015-01-19 22:59 |                            |
| 5988 | Infrastructure        | Task    | New         | Normal   | Determine cause of ldap "server not responding" errors between prod CNs                             | Jing Tao          | 2014-07-22 23:18 | Hardware                   |
| 7146 | OGC-Slender Node      | Story   | In Progress | Normal   | Determine formatId for content retrievable from NODC services                                       | Dave Vieglais     | 2015-06-05 13:37 |                            |
| 7148 | OGC-Slender Node      | Task    | In Progress | Normal   | Determine formatId for science metadata   | Dave Vieglais     | 2015-09-22 16:27 |                            |
| 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.Producti<br>on |
| 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         |
| 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 |                            |
| 8081 | Infrastructure        | Story   | In Progress | Normal   | develop federated broker configuration for indexing   | Rob Nahf          | 2018-01-17 18:46 | d1_indexer                 |
| 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        |

| #    | Project               | Tracker      | Status      | Priority | Subject   | Assignee      | Updated          | Category                      |
|------|-----------------------|--------------|-------------|----------|---|---------------|------------------|-------------------------------|
| 1035 | Infrastructure        | Task         | In Progress | Normal   | Develop reference architecture documents  | Bruce Wilson  | 2011-03-03 19:26 | Documentation                 |
| 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                 |
| 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            |
| 3690 | Member Nodes          | MNDeployment | New         | Low      | Digital Library of Vertebrate Morphology, University of Texas   | Laura Moyers  | 2015-11-19 17:53 |                               |
| 8381 | Testing MN Management | Story        | New         | Normal   | Discovery   |               | 2018-02-27 17:32 |                               |
| 8340 | Testing MN Management | Story        | New         | Normal   | Discovery   |               | 2018-02-08 15:28 |                               |
| 8358 | Member Nodes          | Story        | In Progress | Normal   | Discovery & Planning (CAFF)   | Amy Forrester | 2018-04-06 14:56 |                               |
| 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 Vieglais | 2014-10-02 17:21 | Documentation                 |
| 8238 | Infrastructure        | Task         | New         | Normal   | Document contacts and procedure for using KU ORCID membership API key   | Dave Vieglais | 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 Vieglais | 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 Vieglais | 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 Vieglais | 2014-09-24 18:29 | Hardware                      |
| 2028 | Infrastructure        | Task         | New         | Normal   | Document VM specifications for CNs  | Dave Vieglais | 2014-09-24 18:29 | Management                    |

| #    | Project          | Tracker      | Status      | Priority | Subject   | Assignee      | Updated          | Category                      |
|------|------------------|--------------|-------------|----------|---|---------------|------------------|-------------------------------|
| 2029 | Infrastructure   | Task         | New         | Normal   | Document VM specifications for replication MNs  | Dave Vieglais | 2014-09-24 18:29 | Management                    |
| 8109 | Infrastructure   | Story        | New         | Normal   | Does authentication token need to include group information?  | Dave Vieglais | 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 |                               |
| 7473 | DUG              | Task         | New         | Normal   | Draft 2016 DUG annual meeting brochure  |               | 2015-11-09 22:38 |                               |
| 7474 | DUG              | Task         | New         | Normal   | Draft generic letter of invitation that DUG SC can carry and distribute widely.                             |               | 2015-11-09 22:38 |                               |
| 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 |                               |
| 3118 | Member Nodes     | MNDeployment | Operational | Urgent   | Dryad Member Node   | Laura Moyers  | 2019-03-05 18:37 |                               |
| 7484 | DUG              | Task         | New         | Normal   | DUG Agenda  |               | 2015-11-10 21:39 |                               |
| 8196 | Infrastructure   | Bug          | New         | Normal   | Duplicated replicas in the system metadata  | Jing Tao      | 2017-10-18 17:19 | d1_replication                |
| 8367 | Infrastructure   | Story        | New         | Normal   | Duplicate jenkins jobs from UNM to UCSB   | Dave Vieglais | 2019-01-22 19:25 | Support Operations            |
| 7178 | Infrastructure   | Bug          | New         | Normal   | duplicate replica information on mn-demo-5  | Robert Waltz  | 2015-07-01 20:14 | d1_replication                |
| 8849 | Infrastructure   | Story        | New         | Normal   | During sync, the CN does not detect error returned from getChecksum()                                       | Jing Tao      | 2019-11-06 22:07 |                               |
| 8548 | Member Nodes     | MNDeployment | New         | Normal   | Earthdata powered by EOSDIS   |               | 2018-04-17 19:51 |                               |
| 8549 | Member Nodes     | MNDeployment | New         | Normal   | Earth Resources Observation and Science Center  |               | 2018-04-17 19:55 |                               |
| 7512 | Member Nodes     | MNDeployment | New         | Normal   | ECOSCOPE - Network of Research Observatories on Biodiversity  | Laura Moyers  | 2016-07-22 12:40 |                               |
| 3221 | Member Nodes     | MNDeployment | Operational | High     | EDAC member node  | Amy Forrester | 2018-08-31 15:15 |                               |
| 8074 | Python GMN       | Story        | New         | Normal   | Eliminate unnecessary setuid/setgid programs  | Roger Dahl    | 2018-01-17 18:48 |                               |
| 6396 | Infrastructure   | Task         | In Progress | Normal   | embed jetty server in d1_integration to run WebTests locally  | Rob Nahf      | 2014-10-01 20:34 | MNWebChecker                  |
| 3217 | Member Nodes     | MNDeployment | Deferred    | Normal   | EMBRAPA member node   | Matthew Jones | 2016-06-17 19:31 |                               |
| 4278 | Infrastructure   | Story        | New         | Normal   | EML indexing - handle multiple temporalCoverage and spatialCoverage elements                                | Jing Tao      | 2018-01-17 20:04 | d1_indexer                    |
| 3328 | Infrastructure   | Task         | New         | Normal   | Enable a data preview from the search results page  | Chris Jones   | 2012-10-23 19:34 | d1_mercury                    |
| 8150 | Infrastructure   | Task         | New         | Normal   | Enable CN certificate to alter authoritativeMN property in SystemMetadata                                   | Jing Tao      | 2017-07-19 21:27 |                               |
| 8167 | Infrastructure   | Story        | New         | Normal   | Enable postgres replication between Coordinating Nodes  | Monica Ihli   | 2018-01-09 19:10 | dataone-cn-os-core            |
| 5313 | Java Client      | Task         | New         | Normal   | enable remote deployment of product packages from Hudson / Jenkins  | Rob Nahf      | 2015-02-11 20:34 |                               |
| 3616 | Infrastructure   | Task         | New         | Normal   | Enable ServiceMethodRestriction support in Metacat  | Chris Jones   | 2013-02-27 16:28 | Metacat                       |
| 7169 | OGC-Slender Node | Task         | New         | Normal   | Enable tracking of obsoletes / obsoleted by for data objects  | Dave Vieglais | 2015-06-08 19:01 |                               |

| #    | Project          | Tracker      | Status      | Priority | Subject   | Assignee      | Updated          | Category               |
|------|------------------|--------------|-------------|----------|---|---------------|------------------|------------------------|
| 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      |
| 8756 | CN REST          | Story        | New         | Normal   | Ensure replica auditor is effective   | Chris Jones   | 2019-01-15 21:00 | d1_replication_auditor |
| 8778 | CN REST          | Task         | New         | Normal   | Ensure SystemMetadata replica auditing updates are saved and broadcast  | Chris Jones   | 2019-03-12 16:54 | d1_replication_auditor |
| 7949 | Infrastructure   | Task         | New         | Normal   | Ensure that there's no race condition where an entry can be added to "IN PROCESS" if it is already present            | Jing Tao      | 2017-02-27 17:55 |                        |
| 2151 | Infrastructure   | Task         | New         | Normal   | Ensuring that cited objects are not deleted   |               | 2011-12-23 04:20 |                        |
| 7956 | Member Nodes     | MNDeployment | Operational | Normal   | Environmental Data Initiative (EDI)   | Laura Moyers  | 2018-11-13 19:14 |                        |
| 3681 | Member Nodes     | MNDeployment | New         | Normal   | EPA's Atlantic Ecology Division   | Laura Moyers  | 2016-06-23 00:10 |                        |
| 8869 | Infrastructure   | Story        | New         | Normal   | Equivalent identities show owning different amount of packages.   | Jing Tao      | 2020-09-24 22:34 | d1_indexer             |
| 8630 | CN REST          | Bug          | New         | Normal   | equivalentIdentity values use uppercase letters when the same person subject values are lowercase                     |               | 2018-06-26 14:15 | d1_identity_manager    |
| 3556 | Member Nodes     | MNDeployment | Operational | High     | ESA Data Registry   | Amy Forrester | 2019-10-08 15:28 |                        |
| 7298 | Python Libraries | Bug          | New         | Normal   | escapeQueryTerm should be a module method not a class method  | Dave Vieglais | 2015-08-18 15:06 | d1_libclient_python    |
| 8550 | Member Nodes     | MNDeployment | New         | Normal   | ESGF - Earth System Grid Federation   |               | 2018-04-17 19:58 |                        |
| 4091 | Infrastructure   | Story        | New         | Normal   | ESRI GeoPortal MN stack   |               | 2013-10-15 13:36 |                        |
| 8697 | Member Nodes     | Task         | New         | Normal   | ESSDIVE: anonymous download issue   | Chris Jones   | 2018-09-13 19:40 |                        |
| 8186 | Member Nodes     | MNDeployment | Operational | Normal   | ESS-DIVE, including CDIAC   | Matthew Jones | 2018-12-04 14:57 |                        |
| 3964 | Member Nodes     | MNDeployment | Deferred    | Normal   | EU BON Member Node  | Bruce Wilson  | 2016-10-24 20:49 |                        |
| 5454 | Member Nodes     | Task         | New         | Normal   | Evaluate dataverse potential MN   | Bruce Wilson  | 2014-05-29 19:30 |                        |
| 7749 | Member Nodes     | Task         | New         | Normal   | Evaluate disposition of the ESA MN's current content  | Matthew Jones | 2016-04-26 19:52 |                        |
| 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      |
| 8168 | Infrastructure   | Task         | New         | Normal   | Evaluate options for postgres replication configuration   | Monica Ihli   | 2017-09-01 15:11 |                        |
| 7170 | OGC-Slender Node | Story        | New         | Normal   | Evaluate the feasibility of extracting provenance information from the journal.txt document                           | Dave Vieglais | 2015-06-08 21:28 |                        |
| 3438 | Infrastructure   | Task         | New         | Normal   | Evaluate utility of schema.org  |               | 2012-12-21 16:15 | Documentation          |
| 7104 | Infrastructure   | Task         | New         | Normal   | Event index reindexing shouldn't require re-harvest from MNs  |               | 2015-07-09 15:34 | d1_log_aggregation     |
| 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         |
| 8733 | CN REST          | Bug          | New         | Normal   | Exception handling in ForesiteResourceMap needs improvement   | Jing Tao      | 2018-10-12 20:09 | d1_cn_index_processor  |

| #    | Project               | Tracker      | Status      | Priority | Subject   | Assignee       | Updated          | Category               |
|------|-----------------------|--------------|-------------|----------|---|----------------|------------------|------------------------|
| 2794 | Infrastructure        | Task         | New         | Normal   | Exceptions: Remove unsupported exception serializations and add "header serialization"          | Dave Vieglais  | 2014-10-02 17:21 | Documentation          |
| 8228 | Infrastructure        | Bug          | New         | Normal   | Excessive replicas requested by integration test  | Rob Nahf       | 2018-03-02 21:52 | d1_integration         |
| 7698 | Infrastructure        | Bug          | New         | Low      | Exclude SLF4J jars in d1_solr_extensions.jar  |                | 2016-03-28 16:22 | d1_cn_solr_extensions  |
| 8755 | Infrastructure        | Task         | New         | Normal   | Expand EML indexing support for EML 2.2   | Bryce Mecum    | 2019-08-15 01:50 |                        |
| 1472 | Infrastructure        | Task         | New         | Normal   | Explain revocation policies via MN curator.   | Matthew Jones  | 2014-10-01 20:47 |                        |
| 7524 | DUG                   | Task         | New         | Normal   | Explore crowd sourcing for future DUG marketing effort  |                | 2015-12-07 22:25 |                        |
| 3468 | Infrastructure        | Task         | New         | Normal   | Explore how CN.listObject can effectively use auto-incremented key                              | Ben Leinfelder | 2013-01-08 18:35 | Documentation          |
| 8187 | Member Nodes          | Support      | New         | Normal   | EZID DOI resolvable URLs failing for 14 PISCO objects   |                | 2017-09-19 22:12 |                        |
| 8146 | Member Nodes          | Task         | New         | Normal   | Failed Sync Parser  | Monica Ihli    | 2017-07-19 00:46 |                        |
| 7551 | Member Nodes          | MNDeployment | New         | Normal   | FAO - Food and Agriculture Organization of the UN   | Laura Moyers   | 2015-12-15 15:08 |                        |
| 8383 | Testing MN Management | Task         | New         | Normal   | Feasibility Assessment  |                | 2018-02-27 17:32 |                        |
| 8342 | Testing MN Management | Task         | New         | Normal   | Feasibility Assessment  |                | 2018-02-22 19:19 |                        |
| 3680 | Member Nodes          | MNDeployment | New         | Low      | Federal University of Pernambuco, Brazil  | Laura Moyers   | 2015-11-19 19:34 |                        |
| 7969 | Member Nodes          | MNDeployment | Operational | Normal   | FEMC (Forest Ecosystem Monitoring Cooperative) - was VMC Vermont Monitoring Cooperative         | Monica Ihli    | 2019-08-27 17:22 |                        |
| 8670 | Member Nodes          | Task         | New         | Normal   | FEMC - upgrade GMN 2.3.7 to 3.0.4   | Roger Dahl     | 2019-08-02 18:22 |                        |
| 7127 | DataONE API           | Task         | New         | Normal   | Finalize CNAuthentication interface   | Dave Vieglais  | 2015-05-21 19:31 | api_documentation      |
| 7578 | DataONE API           | Bug          | New         | Normal   | Fix 404 link to d1_instance_generator folder in documentation                                   |                | 2016-01-08 22:01 | api_documentation      |
| 6048 | Member Nodes          | Task         | New         | Normal   | Fix 404 NotFound erros on the EDORA MN  | Jim Green      | 2014-11-24 14:57 |                        |
| 5137 | Infrastructure        | Task         | New         | Normal   | Fix DataONE CA chain file location in cn-buildout   | Chris Jones    | 2014-04-25 15:06 | d1_cn_buildout         |
| 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      |
| 5121 | Member Nodes          | Task         | New         | Normal   | Fix DryadDataFile instance documents with no dcterms:creator element                            | Chris Jones    | 2014-04-30 19:25 |                        |
| 8757 | CN REST               | Story        | New         | Normal   | Fix getChecksum() in MNAuditTask to use dynamic checksum algorithms                             | Chris Jones    | 2019-01-14 19:48 | d1_replication_auditor |
| 1502 | Infrastructure        | Task         | New         | Normal   | Fix hierarchy of permission levels.   | Matthew Jones  | 2014-10-01 20:47 | Documentation          |
| 8749 | CN REST               | Story        | New         | Normal   | Fix log aggregation events from the CN without associated CN IPs                                | Dave Vieglais  | 2019-05-01 22:25 |                        |
| 3596 | Infrastructure        | Task         | New         | Normal   | Fix Merritt Repository resource map typing of triple objects                                    | John Kunze     | 2013-02-19 02:27 | mn.Merritt             |
| 4303 | Infrastructure        | Bug          | New         | Low      | Fix potential bug where an object could be created and accepted for replication simultaneously. | Roger Dahl     | 2016-04-21 22:38 | d1_mn_GMN              |

| #    | Project               | Tracker      | Status    | Priority | Subject   | Assignee      | Updated          | Category   |
|------|-----------------------|--------------|-----------|----------|---|---------------|------------------|------------|
| 4013 | Member Nodes          | Task         | New       | Normal   | Follow-up on plans for TERN following Oct ILTER meeting in Korea  | Laura Moyers  | 2014-02-20 21:58 |            |
| 8019 | Member Nodes          | Support      | New       | Normal   | Follow up on Preferred Replication Target Testing   | Monica Ihli   | 2017-02-14 19:52 |            |
| 8779 | Infrastructure        | Story        | New       | Normal   | ForesiteResourceMap performance issue   | Rob Nahf      | 2019-03-25 18:48 | d1_indexer |
| 4083 | Member Nodes          | MNDeployment | Deferred  | Normal   | Forest Research Institute Malaysia (FRIM)   | Laura Moyers  | 2016-06-17 19:31 |            |
| 8551 | Member Nodes          | MNDeployment | New       | Normal   | Forest Service Research Data Archive  |               | 2018-04-17 20:00 |            |
| 8356 | Testing MN Management | Task         | New       | Normal   | Formal Announcement   |               | 2018-02-23 19:06 |            |
| 8847 | Member Nodes          | MNDeployment | In Review | Normal   | Freshwater Research and Environmental Database (IGBFRED)  | Dave Vieglais | 2019-10-17 19:23 |            |
| 6698 | Member Nodes          | Task         | New       | Normal   | FTGEN: Check Authentication and Authorization in Production   |               | 2014-12-04 20:07 |            |
| 6691 | Member Nodes          | Task         | New       | Normal   | FTGEN: Check Authentication and Authorization in Testing Environment  |               | 2014-12-04 20:07 |            |
| 6694 | Member Nodes          | Task         | New       | Normal   | FTGEN: Configure SSL Certificates for Production  |               | 2014-12-04 20:07 |            |
| 6687 | Member Nodes          | Task         | New       | Normal   | FTGEN: Configure SSL Certificates for Testing Environment   |               | 2014-12-04 20:07 |            |
| 6682 | Member Nodes          | Task         | New       | Normal   | FTGEN: Design, code and component test a new MN implementation  |               | 2014-12-04 20:07 |            |
| 6701 | Member Nodes          | Task         | New       | Normal   | FTGEN: Document and Announce  |               | 2014-12-04 20:07 |            |
| 6700 | Member Nodes          | Task         | New       | Normal   | FTGEN: Ensure MN appears on Current MNs webpage (dashboard)   |               | 2014-12-04 20:07 |            |
| 6693 | Member Nodes          | Task         | New       | Normal   | FTGEN: Establish DataONE user identity in Production  |               | 2014-12-04 20:07 |            |
| 6686 | Member Nodes          | Task         | New       | Normal   | FTGEN: Establish DataONE user identity in Testing Environment   |               | 2014-12-04 20:07 |            |
| 6683 | Member Nodes          | Task         | New       | Normal   | FTGEN: Implement search index and display (ONEMercury) support for any new metadata formats required by the MN. |               | 2014-12-04 20:07 |            |
| 6679 | Member Nodes          | Task         | New       | Normal   | FTGEN: Join DataONE   |               | 2014-12-04 20:07 |            |
| 6685 | Member Nodes          | Task         | New       | Normal   | FTGEN: Local Testing  |               | 2014-12-04 20:07 |            |
| 6699 | Member Nodes          | Task         | New       | Normal   | FTGEN: Mutual acceptance  |               | 2014-12-04 20:07 |            |
| 6681 | Member Nodes          | Task         | New       | Normal   | FTGEN: Plan the implementation  |               | 2014-12-04 20:07 |            |
| 6684 | Member Nodes          | Task         | New       | Normal   | FTGEN: Register any new object formats in all environments  |               | 2014-12-04 20:07 |            |
| 6696 | Member Nodes          | Task         | New       | Normal   | FTGEN: Register MN in Production  |               | 2014-12-04 20:07 |            |
| 6689 | Member Nodes          | Task         | New       | Normal   | FTGEN: Register MN in Testing Environment   |               | 2014-12-04 20:07 |            |
| 6680 | Member Nodes          | Task         | New       | Normal   | FTGEN: Scope the implementation   |               | 2014-12-04 20:07 |            |
| 6692 | Member Nodes          | Task         | New       | Normal   | FTGEN: Show MN as "upcoming" on the dashboard   |               | 2014-12-04 20:07 |            |
| 6697 | Member Nodes          | Task         | New       | Normal   | FTGEN: Verify CN Content and Services in Production   |               | 2014-12-04 20:07 |            |
| 6690 | Member Nodes          | Task         | New       | Normal   | FTGEN: Verify CN Content and Services in Testing Environment  |               | 2014-12-04 20:07 |            |
| 6695 | Member Nodes          | Task         | New       | Normal   | FTGEN: Verify MN Content and Services in Production   |               | 2014-12-04 20:07 |            |
| 6688 | Member Nodes          | Task         | New       | Normal   | FTGEN: Verify MN Content and Services in Testing Environment  |               | 2014-12-04 20:07 |            |
| 6766 | Python GMN            | Bug          | New       | Normal   | FYI ONLY: GMN local install with self-signed CA certificate breaks with new SSL support in Python 2.7.9         |               | 2015-01-20 18:53 |            |



| #    | Project      | Tracker | Status      | Priority | Subject  | Assignee      | Updated          | Category |
|------|--------------|---------|-------------|----------|--|---------------|------------------|----------|
| 5890 | Member Nodes | Task    | New         | Normal   | GBIF: Authentication and Authorization                                   |               | 2018-01-22 21:16 |          |
| 5850 | Member Nodes | Task    | New         | Normal   | GBIF: Content Review   |               | 2016-07-02 12:45 |          |
| 5878 | Member Nodes | Task    | New         | Normal   | GBIF: Content Review   |               | 2016-07-02 12:45 |          |
| 5899 | Member Nodes | Task    | New         | Normal   | GBIF: Create news item   | Amy Forrester | 2019-01-24 17:10 |          |
| 5833 | Member Nodes | Story   | In Progress | Normal   | GBIF: Developing   |               | 2019-02-19 18:24 |          |
| 5900 | Member Nodes | Task    | New         | Normal   | GBIF: Formal announcement  |               | 2016-07-02 12:45 |          |
| 5870 | Member Nodes | Task    | New         | Normal   | GBIF: Generate client certificate.                                       |               | 2016-07-02 12:45 |          |
| 5835 | Member Nodes | Task    | Ready       | Normal   | GBIF: Local Testing  | Rob Nahf      | 2019-01-24 16:53 |          |
| 5865 | Member Nodes | Task    | New         | Normal   | GBIF: Log record access  |               | 2016-07-02 12:45 |          |
| 5893 | Member Nodes | Task    | New         | Normal   | GBIF: Log record access  |               | 2016-07-02 12:45 |          |
| 5896 | Member Nodes | Task    | New         | Normal   | GBIF: Mutual acceptance  |               | 2016-07-02 12:45 |          |
| 5873 | Member Nodes | Task    | New         | Normal   | GBIF: Register MN  |               | 2016-07-02 12:45 |          |
| 5839 | Member Nodes | Task    | New         | Normal   | GBIF: Registration in environment  |               | 2016-07-02 12:45 |          |
| 5867 | Member Nodes | Story   | New         | Normal   | GBIF: Registration in Production environment                             |               | 2019-01-24 17:08 |          |
| 5891 | Member Nodes | Task    | New         | Normal   | GBIF: Science Data access  |               | 2016-07-02 12:45 |          |
| 5892 | Member Nodes | Task    | New         | Normal   | GBIF: Science Metadata access  |               | 2016-07-02 12:45 |          |
| 5875 | Member Nodes | Task    | New         | Normal   | GBIF: Set the node status to approved (start synchronization)            |               | 2016-07-02 12:45 |          |
| 5874 | Member Nodes | Task    | New         | Normal   | GBIF: Set up Node document   |               | 2016-07-02 12:45 |          |
| 5849 | Member Nodes | Task    | New         | Normal   | GBIF: Set up synchronization of the MN                                   |               | 2016-07-02 12:45 |          |
| 5877 | Member Nodes | Task    | New         | Normal   | GBIF: Set up synchronization of the MN                                   |               | 2016-07-02 12:45 |          |
| 5841 | Member Nodes | Task    | New         | Normal   | GBIF: SSL Certificates   |               | 2019-01-28 14:40 |          |
| 5869 | Member Nodes | Task    | New         | Normal   | GBIF: SSL Certificates   |               | 2016-07-02 12:45 |          |
| 5848 | Member Nodes | Task    | New         | Normal   | GBIF: Synchronization  |               | 2016-07-02 12:45 |          |
| 5876 | Member Nodes | Task    | New         | Normal   | GBIF: Synchronization  |               | 2016-07-02 12:45 |          |
| 5838 | Member Nodes | Story   | New         | Normal   | GBIF: Testing  |               | 2019-01-28 14:39 |          |
| 5895 | Member Nodes | Story   | New         | Normal   | GBIF: Transition to production   |               | 2018-01-22 18:41 |          |
| 5897 | Member Nodes | Task    | New         | Normal   | GBIF: Verify content available for Current MNs web page                  |               | 2016-07-02 12:45 |          |
| 5859 | Member Nodes | Task    | New         | Normal   | GBIF: Verify Resource Map content  |               | 2016-07-02 12:45 |          |
| 5887 | Member Nodes | Task    | New         | Normal   | GBIF: Verify Resource Map content  |               | 2016-07-02 12:45 |          |
| 5860 | Member Nodes | Task    | New         | Normal   | GBIF: Verify Resource Map is returned with the correct HTTP Content-Type |               | 2016-07-02 12:45 |          |
| 5888 | Member Nodes | Task    | New         | Normal   | GBIF: Verify Resource Map is returned with the correct HTTP Content-Type |               | 2016-07-02 12:45 |          |
| 5858 | Member Nodes | Task    | New         | Normal   | GBIF: Verify Resource Maps   |               | 2016-07-02 12:45 |          |

| #    | Project          | Tracker      | Status      | Priority | Subject   | Assignee        | Updated          | Category           |
|------|------------------|--------------|-------------|----------|---|-----------------|------------------|--------------------|
| 5886 | Member Nodes     | Task         | New         | Normal   | GBIF: Verify Resource Maps  |                 | 2016-07-02 12:45 |                    |
| 5851 | Member Nodes     | Task         | New         | Normal   | GBIF: Verify Science Data   |                 | 2016-07-02 12:45 |                    |
| 5879 | Member Nodes     | Task         | New         | Normal   | GBIF: Verify Science Data   |                 | 2016-07-02 12:45 |                    |
| 5852 | Member Nodes     | Task         | New         | Normal   | GBIF: Verify Science Data content   |                 | 2016-07-02 12:45 |                    |
| 5880 | Member Nodes     | Task         | New         | Normal   | GBIF: Verify Science Data content   |                 | 2016-07-02 12:45 |                    |
| 5854 | Member Nodes     | Task         | New         | Normal   | GBIF: Verify Science Metadata   |                 | 2016-07-02 12:45 |                    |
| 5882 | Member Nodes     | Task         | New         | Normal   | GBIF: Verify Science Metadata   |                 | 2016-07-02 12:45 |                    |
| 5855 | Member Nodes     | Task         | New         | Normal   | GBIF: Verify Science Metadata content   |                 | 2016-07-02 12:45 |                    |
| 5883 | Member Nodes     | Task         | New         | Normal   | GBIF: Verify Science Metadata content   |                 | 2016-07-02 12:45 |                    |
| 5856 | Member Nodes     | Task         | New         | Normal   | GBIF: Verify Science Metadata is returned with the correct HTTP Content-Type      |                 | 2016-07-02 12:45 |                    |
| 5884 | Member Nodes     | Task         | New         | Normal   | GBIF: Verify Science Metadata is returned with the correct HTTP Content-Type      |                 | 2016-07-02 12:45 |                    |
| 5871 | Member Nodes     | Task         | New         | Normal   | GBIF: Verify successful installation of client side certificate                   |                 | 2016-07-02 12:45 |                    |
| 5872 | Member Nodes     | Task         | New         | Normal   | GBIF: Verify successful installation of server side certificate                   |                 | 2016-07-02 12:45 |                    |
| 5836 | Member Nodes     | Task         | Testing     | Normal   | GBIF: Verify that MN passes the Web Tester  | Rob Nahf        | 2018-09-26 19:57 |                    |
| 5861 | Member Nodes     | Task         | New         | Normal   | GBIF: Verify that Resource Maps are correctly processed by CNs.                   |                 | 2016-07-02 12:45 |                    |
| 5889 | Member Nodes     | Task         | New         | Normal   | GBIF: Verify that Resource Maps are correctly processed by CNs.                   |                 | 2016-07-02 12:45 |                    |
| 5853 | Member Nodes     | Task         | New         | Normal   | GBIF: Verify that the Science Data is returned with the correct HTTP Content-Type |                 | 2016-07-02 12:45 |                    |
| 5881 | Member Nodes     | Task         | New         | Normal   | GBIF: Verify that the Science Data is returned with the correct HTTP Content-Type |                 | 2016-07-02 12:45 |                    |
| 5857 | Member Nodes     | Task         | New         | Normal   | GBIF: Verify that the Science Metadata is correctly processed by CNs              |                 | 2016-07-02 12:45 |                    |
| 5885 | Member Nodes     | Task         | New         | Normal   | GBIF: Verify that the Science Metadata is correctly processed by CNs              |                 | 2016-07-02 12:45 |                    |
| 7296 | Member Nodes     | MNDeployment | Planning    | Normal   | GCOOS   | Monica Ihli     | 2018-04-16 15:53 |                    |
| 8534 | Member Nodes     | Task         | New         | Normal   | GCOOS: Technical Requirements & Design Planning                                   |                 | 2018-04-09 20:18 |                    |
| 3333 | Infrastructure   | Task         | New         | Low      | Generalize mk_* scripts for host name   | Dave Vieglais   | 2012-10-11 18:50 | Support Operations |
| 8210 | Infrastructure   | Feature      | New         | Normal   | Generate daily reports by member node of discrepancies between CN vs MN content   |                 | 2017-10-25 18:50 |                    |
| 7151 | OGC-Slender Node | Story        | In Progress | Normal   | Generate system metadata for content  | Dave Vieglais   | 2015-06-08 18:58 |                    |
| 7168 | OGC-Slender Node | Task         | New         | Normal   | Generate system metadata for data objects   | Dave Vieglais   | 2015-06-08 18:59 |                    |
| 7167 | OGC-Slender Node | Task         | New         | Normal   | Generate system metadata for science metadata                                     | Dave Vieglais   | 2015-06-08 18:58 |                    |
| 3215 | Member Nodes     | MNDeployment | Deferred    | Normal   | GEO BON member node   | Matthew Jones   | 2016-06-20 14:26 |                    |
| 8052 | Infrastructure   | Bug          | New         | Normal   | Geohashed value is incorrect  | Peter Slaughter | 2017-04-07 22:06 | d1_indexer         |
| 8500 | Infrastructure   | Bug          | New         | High     | Geohash not calculated properly   | Jing Tao        | 2018-03-14 17:06 | d1_indexer         |

| #    | Project      | Tracker      | Status | Priority | Subject                   | Assignee     | Updated          | Category |
|------|--------------|--------------|--------|----------|---------------------------|--------------|------------------|----------|
| 8009 | Member Nodes | MNDeployment | New    | Low      | Geometabolome             | Laura Moyers | 2018-04-17 17:22 |          |
| 8829 | Member Nodes | Task         | New    | High     | get DKAN connected to GMN | John Evans   | 2019-09-03 13:24 |          |

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