

## Issues

| #    | Project        | Tracker      | Status      | Priority  | Subject   | Assignee     | Updated          | Category           |
|------|----------------|--------------|-------------|-----------|---|--------------|------------------|--------------------|
| 3521 | Member Nodes   | MNDeployment | Operational | Immediate | SEAD Member Node  | Laura Moyers | 2019-06-05 17:46 |                    |
| 4210 | Infrastructure | Task         | Testing     | Immediate | Metacat does not set serialVersion correctly in CNodeService archive() or delete()                          | Chris Jones  | 2013-12-20 16:12 | Metacat            |
| 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         |
| 3118 | Member Nodes   | MNDeployment | Operational | Urgent    | Dryad Member Node   | Laura Moyers | 2019-03-05 18:37 |                    |
| 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      |
| 3492 | Infrastructure | Bug          | In Progress | Urgent    | Invalid PIDs in production (whitespace)   | Jing Tao     | 2017-04-27 15:31 | Support Operations |
| 1556 | Infrastructure | Task         | In Progress | High      | Interns mailing list  |              | 2011-05-12 23:02 |                    |
| 8655 | Infrastructure | Bug          | New         | High      | Synchronization died with OOM   |              | 2018-07-13 11:24 |                    |
| 7919 | Infrastructure | Bug          | New         | High      | unloadable system metadata in CNs by Hazelcast  |              | 2016-11-01 19:30 | Metacat            |
| 3906 | Member Nodes   | Task         | New         | High      | Update malformed Resource Maps  |              | 2013-08-09 17:50 |                    |
| 7740 | Python GMN     | Bug          | New         | High      | GMN fails to write system metadata during a refresh under unknown conditions                                | Roger Dahl   | 2016-04-14 14:56 |                    |
| 7738 | Python GMN     | Bug          | New         | High      | GMN perpetually retries system metadata updates after failures  | Roger Dahl   | 2016-04-14 14:26 |                    |
| 7651 | Python GMN     | Bug          | New         | High      | GMN returns two different dateSysMetadataModified dateTime stamps for same object                           | Roger Dahl   | 2016-04-14 14:17 |                    |
| 592  | Requirements   | Requirement  | New         | High      | DataONE needs to synchronize metadata between MNs and CNs   | Robert Waltz | 2010-09-06 02:28 | d1_cn_service      |
| 3675 | Infrastructure | Bug          | New         | High      | package relationships not available for archived objects  | Rob Nahf     | 2018-09-21 21:01 | d1_indexer         |
| 8525 | Infrastructure | Story        | In Progress | High      | timeout exceptions thrown from Hazelcast disable synchronization  | Rob Nahf     | 2018-11-16 17:32 | d1_synchronization |
| 6548 | Member Nodes   | MNDeployment | Operational | High      | R2R Repository  | Monica Ihli  | 2018-07-26 13:49 |                    |
| 3558 | Member Nodes   | MNDeployment | Operational | High      | CDL Merritt   | Laura Moyers | 2018-08-23 17:05 |                    |
| 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 |                    |
| 3664 | Member Nodes   | MNDeployment | New         | High      | Landcare Research New Zealand   | Laura Moyers | 2015-11-19 19:39 |                    |
| 3232 | Member Nodes   | MNDeployment | Operational | High      | LTER-EUROPE   | Laura Moyers | 2018-11-21 16:58 |                    |
| 6853 | Member Nodes   | MNDeployment | New         | High      | OBIS (Ocean Biogeographic Information System)   | Laura Moyers | 2015-11-19 17:46 |                    |

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| 3553 | Member Nodes   | MNDeployment | Operational | High     | PISCO  | Laura Moyers  | 2018-01-10 01:13 |                   |
| 3555 | Member Nodes   | MNDeployment | Operational | High     | SANParks   | Laura Moyers  | 2018-05-09 21:19 |                   |
| 6485 | Member Nodes   | MNDeployment | Operational | High     | The Digital Archaeology Record (tDAR)  | Laura Moyers  | 2019-10-09 02:24 |                   |
| 8829 | Member Nodes   | Task         | New         | High     | get DKAN connected to GMN  | John Evans    | 2019-09-03 13:24 |                   |
| 8173 | Infrastructure | Story        | New         | High     | add checks for retrograde systemMetadata changes   | Jing Tao      | 2018-01-17 18:38 | d1_indexer        |
| 8867 | CN REST        | Bug          | New         | High     | CNCore.listChecksumAlgorithms() returns incorrect list   | Jing Tao      | 2020-08-06 00:06 | d1_cn_rest        |
| 8500 | Infrastructure | Bug          | New         | High     | Geohash not calculated properly  | Jing Tao      | 2018-03-14 17:06 | d1_indexer        |
| 3554 | Member Nodes   | MNDeployment | Operational | High     | KNB  | Jing Tao      | 2018-08-31 15:16 |                   |
| 8722 | Infrastructure | Bug          | New         | High     | Object in search index but systemmetadata is not available.  | Jing Tao      | 2018-10-03 17:48 |                   |
| 8026 | Infrastructure | Task         | Testing     | High     | Portal reaches the maximum capacity in a pool  | Jing Tao      | 2017-03-14 00:36 | d1_portal_servlet |
| 7601 | Infrastructure | Bug          | New         | High     | CN checksum inconsistencies  | Dave Vieglais | 2016-01-26 19:29 |                   |
| 8824 | Infrastructure | Task         | In Progress | High     | Install Apache 2.4.39 and disable TLSv1.3 on CNs   | Dave Vieglais | 2019-06-19 12:11 |                   |
| 8823 | Infrastructure | Story        | New         | High     | Recent Apache and OpenSSL combinations break connectivity on Ubuntu 18.04                                | Dave Vieglais | 2019-06-19 02:43 |                   |
| 393  | Requirements   | Requirement  | New         | High     | (Requirement) Access control rule evaluation must be highly scalable and responsive.                     | Dave Vieglais | 2010-09-06 20:27 | Requirement       |
| 764  | Requirements   | Requirement  | New         | High     | (Requirement) Authentication and access control should be consistently available                         | Dave Vieglais | 2010-09-06 20:32 | Requirement       |
| 763  | Requirements   | Requirement  | New         | High     | (Requirement) Authentication and authorization services are geographically replicated                    | Dave Vieglais | 2010-09-06 20:52 | Requirement       |
| 772  | Requirements   | Requirement  | New         | High     | (Requirement) Authentication services should be compatible with existing infrastructure and applications | Dave Vieglais | 2010-08-11 07:54 | Requirement       |
| 777  | Requirements   | Requirement  | New         | High     | (Requirement) Authorization rules should support common permission levels                                | Dave Vieglais | 2010-09-06 20:49 | Requirement       |
| 769  | Requirements   | Requirement  | New         | High     | (Requirement) Authorization should support critical roles, such as curators and system administrators    | Dave Vieglais | 2010-09-06 03:02 | Requirement       |
| 770  | Requirements   | Requirement  | New         | High     | (Requirement) Authorization system should be able to express the pseudo-principal concepts like 'public' | Dave Vieglais | 2010-08-11 00:41 | Requirement       |
| 820  | Requirements   | Requirement  | New         | High     | (Requirement) Common API for authentication and authorization operations                                 | Dave Vieglais | 2010-09-06 21:23 | Requirement       |
| 390  | Requirements   | Requirement  | New         | High     | (Requirement) Consistent mechanism for identifying users   | Dave Vieglais | 2010-09-06 20:50 | Requirement       |

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| 391  | Requirements   | Requirement  | New         | High     | (Requirement) Enable different classes of users commensurate with their roles.   | Dave Vieglaiss | 2010-09-06 20:51 | Requirement             |
| 384  | Requirements   | Requirement  | New         | High     | (Requirement) Enable efficient mechanisms for users to discover content  | Dave Vieglaiss | 2010-09-06 03:58 | d1_common_java          |
| 392  | Requirements   | Requirement  | New         | High     | (Requirement) Identity and access control should be interoperable across datanets  | Dave Vieglaiss | 2010-09-06 20:31 | Requirement             |
| 768  | Requirements   | Requirement  | New         | High     | (Requirement) Need default authz policies that resolve problems associated with inaccessible principals  | Dave Vieglaiss | 2010-08-11 00:34 | Requirement             |
| 822  | Requirements   | Requirement  | New         | High     | (Requirement) Object access and manipulation should be responsive  | Dave Vieglaiss | 2010-09-06 20:27 | d1_common_java          |
| 821  | Requirements   | Requirement  | New         | High     | (Requirement) Sponsor required functionality   | Dave Vieglaiss | 2010-09-06 03:28 | d1_common_java          |
| 318  | Requirements   | Requirement  | New         | High     | (Requirement) Sponsor required Y1 functionality  | Dave Vieglaiss | 2010-09-06 03:24 | d1_common_java          |
| 795  | Requirements   | Requirement  | New         | High     | (Requirement) System must support revocation of user permissions   | Dave Vieglaiss | 2010-08-29 20:45 | Requirement             |
| 411  | Requirements   | Requirement  | New         | High     | (Requirement) The infrastructure must survive destruction of one or more data storage nodes  | Dave Vieglaiss | 2010-09-06 03:10 | d1_common_java          |
| 765  | Requirements   | Requirement  | New         | High     | (Requirement) Tools can access an API for authn and authz  | Dave Vieglaiss | 2010-09-06 20:30 | Requirement             |
| 762  | Requirements   | Requirement  | New         | High     | (Requirement) User identities can be derived from existing institutional directory services  | Dave Vieglaiss | 2010-09-06 03:01 | Requirement             |
| 771  | Requirements   | Requirement  | New         | High     | (Requirement) User identities should have simple string serializations that express both the user identity and namespace from which it is drawn      | Dave Vieglaiss | 2010-09-06 03:12 | Requirement             |
| 761  | Requirements   | Requirement  | New         | High     | (Requirement) Users can specify authorization rules for data objects, science metadata objects, and process artifacts separately                     | Dave Vieglaiss | 2010-09-06 03:06 | Requirement             |
| 767  | Requirements   | Requirement  | New         | High     | (Requirement) Users need to be able to express embargo rules for data  | Dave Vieglaiss | 2010-08-11 00:16 | Requirement             |
| 766  | Requirements   | Requirement  | New         | High     | (Requirement) Users should be able to easily assign proxy privileges to other users and to systems acting on their behalf for limited time durations | Dave Vieglaiss | 2010-08-11 00:11 | Requirement             |
| 8076 | Infrastructure | Bug          | New         | High     | sysmeta can not be retrieved for some objects  | Dave Vieglaiss | 2017-04-22 01:54 | dataone-cn-rest-service |
| 8195 | Infrastructure | Bug          | In Progress | High     | Tomcat out of memory error   | Dave Vieglaiss | 2017-12-26 20:01 |                         |
| 6544 | Member Nodes   | MNDeployment | Operational | High     | TERN Australia (powered by AEKOS)  | Bruce Wilson   | 2019-05-22 14:21 |                         |
| 7686 | Member Nodes   | Task         | Testing     | High     | tDAR - Enable URL links out to data from search results  | Ben Leinfelder | 2016-09-27 15:56 |                         |
| 3221 | Member Nodes   | MNDeployment | Operational | High     | EDAC member node   | Amy Forrester  | 2018-08-31 15:15 |                         |

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| 3556 | Member Nodes   | MNDeployment | Operational | High     | ESA Data Registry   | Amy Forrester | 2019-10-08 15:28 |                        |
| 3238 | Member Nodes   | MNDeployment | Operational | High     | Idaho Northwest Knowledge Network member node   | Amy Forrester | 2019-10-08 15:14 |                        |
| 8622 | Member Nodes   | Bug          | New         | High     | IOE repository is not responding  | Amy Forrester | 2019-03-05 20:54 |                        |
| 3879 | Infrastructure | Task         | New         | Normal   | 4.2.1.2 Missing Policies and Expectations   |               | 2014-09-24 18:27 | Environment.Production |
| 3880 | Infrastructure | Task         | New         | Normal   | 4.2.1.3 CILogon Extension Not Documented  |               | 2014-09-24 18:27 | Environment.Production |
| 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 |                        |
| 1646 | Infrastructure | Task         | New         | Normal   | Add addFormat() to the CNCORE API   |               | 2016-06-22 16:51 |                        |
| 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 |                        |
| 8529 | DataONE API    | Task         | New         | Normal   | Add field to Solr index that includes the obsolescence chain  |               | 2018-04-10 05:21 |                        |
| 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 |                        |
| 8065 | Infrastructure | Feature      | New         | Normal   | Add service to re-populate Hazelcast map for node attributes  |               | 2018-01-09 19:10 |                        |
| 8362 | Infrastructure | Task         | New         | Normal   | Add the indication that the cn account list is sliced   |               | 2018-02-12 17:48 |                        |
| 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 |                        |
| 8809 | CN REST        | Task         | New         | Normal   | Adjust portal.properties for certificate configuration  |               | 2019-05-21 12:57 |                        |
| 4675 | Infrastructure | Task         | New         | Normal   | Administratively delete those pids with the white spaces  |               | 2014-09-24 18:09 |                        |
| 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 |                        |
| 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 |                        |
| 7929 | Member Nodes   | Task         | In Progress | Normal   | Archive content for SEAD  |               | 2016-11-09 17:11 |                        |

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| 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 |                    |
| 7525 | DUG            | Task     | New    | Normal   | assessment effort update   |          | 2015-12-07 22:25 |                    |
| 6791 | Infrastructure | Bug      | New    | Normal   | Building d1_log_aggregation doesn't trigger downstream builds  |          | 2015-01-31 00:32 | Support Operations |
| 8521 | Member Nodes   | Story    | New    | Normal   | CAFF: Testing & Development  |          | 2018-04-06 15:17 |                    |
| 3080 | Infrastructure | Task     | New    | Normal   | Calling Dataone client library in morpho   |          | 2013-03-02 05:28 |                    |
| 3895 | Infrastructure | Task     | New    | Normal   | Can we add bugs to a task in a story?  |          | 2014-09-24 18:27 |                    |
| 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 |                    |
| 8806 | Infrastructure | Story    | New    | Normal   | Cleanup from OS upgrades   |          | 2019-05-21 12:45 |                    |
| 8698 | CN REST        | Bug      | New    | Normal   | CN Performance degradation   |          | 2018-09-13 21:05 | d1_cn_rest         |
| 2053 | Infrastructure | Task     | New    | Normal   | CNReplication.setReplicationStatus() - Add info about serialVersion  |          | 2014-10-02 17:21 |                    |
| 8740 | CN REST        | Bug      | New    | Normal   | CN resolve service returning 404 for some pids   |          | 2019-01-22 18:41 | cn_metacat         |
| 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 |                    |
| 1339 | Infrastructure | Task     | New    | Normal   | "common" -> "base" or "foundation"   |          | 2011-02-09 23:19 |                    |
| 1334 | Infrastructure | Task     | New    | Normal   | Completely remove detailCode   |          | 2011-02-09 22:51 |                    |
| 1521 | Infrastructure | Task     | New    | Normal   | Compressed Response  |          | 2011-05-04 14:35 |                    |
| 1225 | Infrastructure | Task     | New    | Normal   | Configure Hudson Metacat build   |          | 2011-01-13 14:41 | Metacat            |
| 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 |                    |
| 6748 | Java Client    | Task     | New    | Normal   | Create a factory / builder class for converting versioned types.   |          | 2015-02-11 19:47 |                    |
| 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 |                    |
| 8646 | Member Nodes   | Task     | New    | Normal   | (cyverse) Formal Announcement  |          | 2018-07-19 18:31 |                    |
| 8643 | Member Nodes   | Task     | New    | Normal   | (Cyverse) Implement in Production Environment  |          | 2018-07-05 14:25 |                    |
| 8568 | Member Nodes   | Story    | New    | Normal   | (CyVerse) Move to production   |          | 2018-04-23 21:18 |                    |
| 8644 | Member Nodes   | Task     | New    | Normal   | (Cyverse) Register in Production   |          | 2018-07-05 14:25 |                    |
| 8635 | Member Nodes   | Task     | New    | Normal   | DAAC: Develop or Implement MN Software   |          | 2018-07-02 15:00 |                    |
| 8636 | Member Nodes   | Task     | New    | Normal   | DAAC: Test Registration  |          | 2018-07-02 14:58 |                    |
| 7925 | DUG            | Task     | New    | Normal   | Data Center certification  |          | 2016-11-08 21:33 |                    |
| 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 |                    |

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| 7909 | DUG                   | Task         | New         | Normal   | DataONE update audio/visual equipment for remote link   |          | 2016-10-11 20:49 |                     |
| 8601 | Infrastructure        | Decision     | New         | Normal   | Decide on a URI space for DataONE resources   |          | 2018-07-18 21:42 |                     |
| 8736 | Infrastructure        | Story        | New         | Normal   | Decouple the index generator to the hazelcast system metadata map                                 |          | 2019-01-22 19:27 | d1_indexer          |
| 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 |                     |
| 7571 | CN REST               | Task         | New         | Normal   | Description for error code 401, detail code 4957 is misleading in some cases                      |          | 2016-01-05 16:25 |                     |
| 1644 | DataONE API           | Story        | New         | Normal   | Develop an object format creation policy  |          | 2018-01-17 20:46 |                     |
| 8349 | Testing MN Management | Task         | New         | Normal   | Develop or Implement MN Software  |          | 2018-02-08 15:28 |                     |
| 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 |                     |
| 8351 | Testing MN Management | Task         | New         | Normal   | Display as Upcoming   |          | 2018-02-08 15:28 |                     |
| 7883 | Infrastructure        | Task         | New         | Normal   | Document the log files of relevance on Coordinating Nodes   |          | 2016-09-09 20:20 |                     |
| 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 |                     |
| 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 |                     |
| 7484 | DUG                   | Task         | New         | Normal   | DUG Agenda  |          | 2015-11-10 21:39 |                     |
| 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 |                     |
| 8364 | CN REST               | Story        | In Progress | Normal   | Ensure portal uses correct X509 certificates  |          | 2019-05-21 12:57 | d1_portal_servlet   |
| 2151 | Infrastructure        | Task         | New         | Normal   | Ensuring that cited objects are not deleted   |          | 2011-12-23 04:20 |                     |
| 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 |
| 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 |                     |
| 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  |
| 7524 | DUG                   | Task         | New         | Normal   | Explore crowd sourcing for future DUG marketing effort  |          | 2015-12-07 22:25 |                     |

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| 8187 | Member Nodes          | Support      | New    | Normal   | EZID DOI resolvable URLs failing for 14 PISCO objects   |          | 2017-09-19 22:12 |                   |
| 8342 | Testing MN Management | Task         | New    | Normal   | Feasibility Assessment  |          | 2018-02-22 19:19 |                   |
| 8383 | Testing MN Management | Task         | New    | Normal   | Feasibility Assessment  |          | 2018-02-27 17:32 |                   |
| 7578 | DataONE API           | Bug          | New    | Normal   | Fix 404 link to d1_instance_generator folder in documentation   |          | 2016-01-08 22:01 | api_documentation |
| 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 |                   |
| 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 |                   |

| #    | Project      | Tracker | Status      | Priority | Subject   | Assignee | Updated          | Category |
|------|--------------|---------|-------------|----------|---|----------|------------------|----------|
| 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 |          |
| 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 |          |
| 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 |          |
| 5893 | Member Nodes | Task    | New         | Normal   | GBIF: Log record access   |          | 2016-07-02 12:45 |          |
| 5865 | 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 |          |
| 5876 | Member Nodes | Task    | New         | Normal   | GBIF: Synchronization   |          | 2016-07-02 12:45 |          |
| 5848 | 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 |          |
| 5887 | Member Nodes | Task    | New         | Normal   | GBIF: Verify Resource Map content   |          | 2016-07-02 12:45 |          |
| 5859 | 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 |          |
| 5886 | Member Nodes | Task    | New         | Normal   | GBIF: Verify Resource Maps  |          | 2016-07-02 12:45 |          |



| #    | Project        | Tracker      | Status | Priority | Subject   | Assignee | Updated          | Category      |
|------|----------------|--------------|--------|----------|---|----------|------------------|---------------|
| 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 |               |
| 5883 | Member Nodes   | Task         | New    | Normal   | GBIF: Verify Science Metadata content   |          | 2016-07-02 12:45 |               |
| 5855 | Member Nodes   | Task         | New    | Normal   | GBIF: Verify Science Metadata content   |          | 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 |               |
| 5856 | 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 |               |
| 5889 | Member Nodes   | Task         | New    | Normal   | GBIF: Verify that Resource Maps are correctly processed by CNs.   |          | 2016-07-02 12:45 |               |
| 5861 | Member Nodes   | Task         | New    | Normal   | GBIF: Verify that Resource Maps are correctly processed by CNs.   |          | 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 |               |
| 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 |               |
| 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 |               |
| 8534 | Member Nodes   | Task         | New    | Normal   | GCOOS: Technical Requirements & Design Planning   |          | 2018-04-09 20:18 |               |
| 8210 | Infrastructure | Feature      | New    | Normal   | Generate daily reports by member node of discrepancies between CN vs MN content                           |          | 2017-10-25 18:50 |               |
| 8552 | Member Nodes   | MNDeployment | New    | Normal   | GLCF - Global Land Cover Facility   |          | 2018-04-17 20:01 |               |
| 7774 | Infrastructure | Task         | New    | Normal   | GMN: Move to Let's Encrypt  |          | 2016-05-09 22:16 |               |
| 1236 | Infrastructure | Task         | New    | Normal   | Highly variable response times from cn.dataone.org  |          | 2011-01-17 16:34 | d1_cn_service |
| 1414 | Infrastructure | Task         | New    | Normal   | How to represent additional Node attributes.  |          | 2011-03-09 06:16 |               |
| 1518 | Infrastructure | Task         | New    | Normal   | How to support caching  |          | 2011-05-04 14:33 |               |
| 1519 | Infrastructure | Task         | New    | Normal   | HTTP Byte Range Requests  |          | 2011-05-04 14:34 |               |
| 6380 | Member Nodes   | Task         | New    | Normal   | ICMBIO: Initial Preparation   |          | 2015-11-19 17:21 |               |
| 8506 | Infrastructure | Task         | New    | Normal   | Identify ISO metadata terms appropriate for population of data citation elements of the solr search index |          | 2018-10-04 18:17 |               |

| #    | Project               | Tracker      | Status | Priority | Subject   | Assignee | Updated          | Category            |
|------|-----------------------|--------------|--------|----------|---|----------|------------------|---------------------|
| 8819 | Member Nodes          | Story        | New    | Normal   | IEDA documents not in DataONE   |          | 2019-06-13 19:20 |                     |
| 3373 | Infrastructure        | Task         | New    | Normal   | If id contains "/", the MNode.getSystemMetadata method fails.                               |          | 2012-11-06 02:05 |                     |
| 8353 | Testing MN Management | Task         | New    | Normal   | Implement in Production   |          | 2018-02-08 15:29 |                     |
| 995  | Infrastructure        | Task         | New    | Normal   | implement JSON formatted OLLs   |          | 2010-10-25 16:45 |                     |
| 4667 | Java Client           | Task         | New    | Normal   | - (Important!) No types implement equals or hashCode  |          | 2015-02-11 20:08 |                     |
| 8107 | Infrastructure        | Feature      | New    | Normal   | Improved Node Synchronization Feedback - Leveraging MNode.synchronizationFailed()           |          | 2017-06-27 16:46 | Architecture Design |
| 8499 | Infrastructure        | Task         | New    | Normal   | Improve rendering of http://www.isotc211.org/2005/gmd-pangaea in search UI                  |          | 2018-05-01 01:07 |                     |
| 7528 | DataONE API           | Bug          | New    | Normal   | Incorrect argument name documented for CNCORE.reserveldentier                               |          | 2015-12-08 19:51 | api_documentation   |
| 8341 | Testing MN Management | Task         | New    | Normal   | Initial Communications  |          | 2018-02-22 19:14 |                     |
| 8382 | Testing MN Management | Task         | New    | Normal   | Initial Communications  |          | 2018-02-27 17:32 |                     |
| 8815 | Infrastructure        | Bug          | New    | Normal   | Investigate and fix failed sync/harvest of doi:10.18739/A2CH48                              |          | 2019-06-04 23:26 |                     |
| 4117 | Member Nodes          | Task         | New    | Normal   | Issue Test certs for FRIM   |          | 2015-01-23 19:02 |                     |
| 8866 | Infrastructure        | Bug          | New    | Normal   | Java client tools should set a custom user agent string                                     |          | 2020-07-15 22:43 |                     |
| 1001 | Infrastructure        | Task         | New    | Normal   | Link documentation living with projects into ArchitectureDocs                               |          | 2010-10-21 14:55 |                     |
| 6624 | Infrastructure        | Task         | New    | Normal   | link Node Identity arch. spec. to OperationDocs Node Reg page                               |          | 2014-11-21 20:29 | Documentation       |
| 7863 | DUG                   | Task         | New    | Normal   | Link to the recordings  |          | 2016-08-09 20:40 |                     |
| 2133 | Infrastructure        | Task         | New    | Normal   | listObjects() datetime slicing  |          | 2011-12-12 23:15 |                     |
| 1335 | Infrastructure        | Task         | New    | Normal   | Local caching of the d1 schema.   |          | 2011-02-09 22:56 |                     |
| 8657 | Log Reporting         | Bug          | New    | Normal   | Log aggregation service not recording logs for the MNs - urn:node:TDAR and urn:node:OTS_NDC |          | 2018-07-16 21:36 | d1_log_aggregation  |
| 8853 | Infrastructure        | Story        | New    | Normal   | Make cn.resolve smarter   |          | 2019-11-15 16:50 |                     |
| 8519 | Testing MN Management | Task         | New    | Normal   | meow: Formal Announcement   |          | 2018-03-22 20:45 |                     |
| 8516 | Testing MN Management | Task         | New    | Normal   | meow: Implement in Production   |          | 2018-03-22 20:45 |                     |
| 8461 | Testing MN Management | MNDeployment | New    | Normal   | MEOW - Monitoring Ecosystems & Oceans in Wales  |          | 2018-03-22 20:45 |                     |
| 8515 | Testing MN Management | Story        | New    | Normal   | meow: Move to Production  |          | 2018-03-22 20:45 |                     |
| 8518 | Testing MN Management | Task         | New    | Normal   | meow: Mutual Acceptance   |          | 2018-03-22 20:45 |                     |
| 8517 | Testing MN Management | Task         | New    | Normal   | meow: Register in Production  |          | 2018-03-22 20:45 |                     |

| #    | Project               | Tracker      | Status      | Priority | Subject  | Assignee | Updated          | Category            |
|------|-----------------------|--------------|-------------|----------|--|----------|------------------|---------------------|
| 8348 | Testing MN Management | Task         | New         | Normal   | Metadata Validation  |          | 2018-02-08 15:28 |                     |
| 1808 | Infrastructure        | Task         | New         | Normal   | MNAuthorization.isAuthorized() -> assertAuthorized()   |          | 2011-10-04 16:08 |                     |
| 8344 | Testing MN Management | Task         | New         | Normal   | MN Communications  |          | 2018-02-22 19:47 |                     |
| 6945 | DataONE API           | Feature      | New         | Normal   | MNRead.get uses the pid for the download filename, which provides a less than optimal user experience when the pid is an opaque identifier such as DOIs, uuids, etc. |          | 2015-03-23 23:37 |                     |
| 4051 | Infrastructure        | Feature      | New         | Normal   | MN Stack supporting Fedora Commons   |          | 2014-10-02 21:39 | mn.Fedora           |
| 3082 | Infrastructure        | Task         | New         | Normal   | Morpho should not rely on CN for any critical features   |          | 2013-03-02 05:26 | Morpho              |
| 8352 | Testing MN Management | Story        | New         | Normal   | Move to Production   |          | 2018-02-08 15:28 |                     |
| 8046 | Infrastructure        | Bug          | New         | Normal   | Mutable Member Nodes orphan unhosted objects   |          | 2017-03-15 17:40 | Architecture Design |
| 8355 | Testing MN Management | Task         | New         | Normal   | Mutual Acceptance  |          | 2018-02-08 15:28 |                     |
| 8553 | Member Nodes          | MNDeployment | New         | Normal   | MVCO - Martha's Vineyard Coastal Observatory   |          | 2018-04-17 20:03 |                     |
| 4672 | Java Client           | Task         | In Progress | Normal   | mvn dependencies:analyse shows transitive dependencies:  |          | 2015-02-11 20:08 |                     |
| 8539 | Member Nodes          | MNDeployment | New         | Normal   | NASA Distributed Active Archive Center at National Snow & Ice Data Center (NASA DAAC)  |          | 2018-04-10 19:19 |                     |
| 8727 | Member Nodes          | Story        | In Progress | Normal   | NCAR Discovery & Assessment  |          | 2019-01-22 18:34 |                     |
| 8725 | Member Nodes          | MNDeployment | In Review   | Normal   | NCAR (National Center for Atmospheric Research)  |          | 2018-10-08 13:33 |                     |
| 3142 | Infrastructure        | Task         | New         | Normal   | Need a new local search mechanism  |          | 2013-03-02 05:15 |                     |
| 8555 | Member Nodes          | MNDeployment | New         | Normal   | NGEE Arctic  |          | 2018-04-18 16:27 |                     |
| 3239 | Member Nodes          | MNDeployment | New         | Normal   | "Nitrous Oxide emissions Network" member node  |          | 2018-04-17 17:13 |                     |
| 7440 | CN REST               | Bug          | New         | Normal   | Non-discernable error during synchronization affecting (mostly) urn:node:mnTestAEKOS - "Client is shutdown."   |          | 2015-10-20 14:46 |                     |
| 4668 | Java Client           | Task         | New         | Normal   | - No types implement toString  |          | 2015-02-11 20:08 |                     |
| 8556 | Member Nodes          | MNDeployment | New         | Normal   | OAFflux (WHOI)   |          | 2018-04-18 16:30 |                     |
| 7858 | Infrastructure        | Bug          | New         | Normal   | Obsoleting a resource map clears the resourceMap field for the obsoleted package   |          | 2017-03-28 16:20 | d1_indexer          |
| 4052 | Infrastructure        | Story        | In Progress | Normal   | OPeNDAP MN Story   |          | 2013-10-06 20:07 | mn.OPeNDAP          |
| 8558 | Member Nodes          | MNDeployment | New         | Normal   | PDC - Polar Data Catalogue   |          | 2018-04-18 16:33 |                     |

| #    | Project               | Tracker      | Status | Priority | Subject   | Assignee | Updated          | Category                      |
|------|-----------------------|--------------|--------|----------|---|----------|------------------|-------------------------------|
| 8557 | Member Nodes          | MNDeployment | New    | Normal   | Physical Oceanography Distributed Active Archive Center   |          | 2018-04-18 16:32 |                               |
| 8343 | Testing MN Management | Story        | New    | Normal   | Planning  |          | 2018-02-08 15:28 |                               |
| 8730 | Member Nodes          | Task         | New    | Normal   | Plan the Implementation (NCAR)  |          | 2018-10-11 17:21 |                               |
| 8559 | Member Nodes          | MNDeployment | New    | Normal   | PMM - Precipitation Measurement Missions  |          | 2018-04-18 16:35 |                               |
| 4655 | Java Client           | Task         | New    | Normal   | Pom appears to bring in plugins as project dependencies (maven-jar-plugin, maven-clean-plugin)                              |          | 2015-02-11 20:08 |                               |
| 4673 | Java Client           | Task         | New    | Normal   | Pom has warnings:   |          | 2015-02-11 20:08 |                               |
| 1331 | Infrastructure        | Task         | New    | Normal   | Possibly combine MN_crud.create() and MN_crud.update()  |          | 2011-02-09 22:44 |                               |
| 1332 | Infrastructure        | Task         | New    | Normal   | Possibly remove MN_crud.update()  |          | 2011-02-09 22:50 |                               |
| 1873 | Infrastructure        | Feature      | New    | Normal   | Postprocessing tool for log reporting   |          | 2014-10-02 17:06 | d1_log_aggregation            |
| 8560 | Member Nodes          | MNDeployment | New    | Normal   | PPS - Precipitation Processing System   |          | 2018-04-18 16:36 |                               |
| 8561 | Member Nodes          | MNDeployment | New    | Normal   | PRISM Climate Data  |          | 2018-04-18 16:37 |                               |
| 8562 | Member Nodes          | MNDeployment | New    | Normal   | PSD Climate and Weather Data  |          | 2018-04-18 16:39 |                               |
| 7224 | Infrastructure        | Story        | New    | Normal   | push synchronization request status indicator: synchronizeStatus method option  |          | 2018-01-17 19:38 | Architecture Design           |
| 8856 | Infrastructure        | Story        | New    | Normal   | Put the system metadata part ahead of the object part when d1_client_python constructs the multipart                        |          | 2019-11-22 18:31 | d1_python                     |
| 7744 | Infrastructure        | Task         | New    | Normal   | put together initial design   |          | 2016-06-22 17:19 |                               |
| 7531 | DUG                   | Task         | New    | Normal   | Quote request for EAB meeting   |          | 2015-12-08 20:13 |                               |
| 2548 | Infrastructure        | Story        | New    | Normal   | recasting untrusted certs to public poses accessibility inconsistency to users  |          | 2018-01-17 20:36 | Authentication, Authorization |
| 1234 | Infrastructure        | Task         | New    | Normal   | Record performance metrics for member nodes   |          | 2011-01-15 02:52 |                               |
| 1660 | Infrastructure        | Task         | New    | Normal   | Refactor REST calls so that mandatory args are part of the URL and optional args are key/value pairs                        |          | 2011-06-28 21:35 |                               |
| 4717 | Infrastructure        | Task         | New    | Normal   | refresh client certificate for mn-unm-2.dataone.org   |          | 2014-09-24 18:14 |                               |
| 4669 | Java Client           | Task         | New    | Normal   | - Regarding the style: A good addition to the types would be some builders, static factories and constructors as applicable |          | 2015-02-11 20:08 |                               |
| 4670 | Java Client           | Task         | New    | Normal   | - Regarding the style: The types are fully mutable with no field validations or constraints.                                |          | 2015-02-11 20:08 |                               |
| 8354 | Testing MN Management | Task         | New    | Normal   | Register in Production  |          | 2018-02-08 15:28 |                               |
| 7532 | DUG                   | Task         | New    | Normal   | Registration Form for 2016.   |          | 2015-12-08 21:30 |                               |

| #    | Project        | Tracker      | Status      | Priority | Subject   | Assignee | Updated          | Category           |
|------|----------------|--------------|-------------|----------|---|----------|------------------|--------------------|
| 4664 | Java Client    | Task         | New         | Normal   | Related to above: Test classes bring in org.apache.log4j.Logger but it is not declared as a test dependency                                     |          | 2015-02-11 20:08 |                    |
| 8807 | Infrastructure | Task         | New         | Normal   | remove old versions of postgres   |          | 2019-05-21 12:47 |                    |
| 8808 | Infrastructure | Task         | New         | Normal   | Remove old versions of Tomcat   |          | 2019-05-21 12:49 |                    |
| 6760 | Infrastructure | Task         | New         | Normal   | rename mnDemo9 node   |          | 2015-01-14 00:44 |                    |
| 8793 | Infrastructure | Task         | New         | Normal   | Replace ONEMercury installation   |          | 2019-05-01 14:04 |                    |
| 4713 | Infrastructure | Task         | New         | Normal   | replace SSL cert fo cn-orc-1.dataone.org  |          | 2014-09-24 18:14 |                    |
| 4712 | Infrastructure | Task         | New         | Normal   | replace SSL cert for cn-ucsb-1.dataone.org  |          | 2014-09-24 18:14 |                    |
| 4711 | Infrastructure | Task         | New         | Normal   | replace SSL Certs for cn-unm-1.dataone.org  |          | 2014-09-24 18:14 |                    |
| 8746 | Infrastructure | Task         | New         | Normal   | Require email address from user when logging in via ORCID   |          | 2018-11-16 05:57 |                    |
| 8729 | Member Nodes   | Task         | New         | Normal   | Requirements Analysis   |          | 2018-10-11 17:24 |                    |
| 7312 | Java Client    | Feature      | New         | Normal   | Restart connection manager  |          | 2015-08-24 17:24 | d1_libclient_java  |
| 8208 | Infrastructure | Story        | New         | Normal   | Review and adjust memory allocated to d1-index-task-generator and d1-index-task-processor   |          | 2018-01-09 19:10 |                    |
| 8207 | Infrastructure | Story        | New         | Normal   | review and adjust memory allocated to d1-processing   |          | 2018-01-09 19:10 |                    |
| 8206 | Infrastructure | Task         | New         | Normal   | Review and adjust memory allocation to Solr and zookeeper   |          | 2017-10-24 16:03 |                    |
| 8308 | Infrastructure | Task         | New         | Normal   | Review use of /node/subject in the node documents   |          | 2018-02-06 20:05 |                    |
| 8563 | Member Nodes   | MNDeployment | New         | Normal   | Scripps Institute of Oceanography Explorer  |          | 2018-04-18 16:40 |                    |
| 8554 | Member Nodes   | MNDeployment | New         | Normal   | SEDAC - NASA Socioeconomic Data and Applications Center   |          | 2018-04-17 20:05 |                    |
| 8843 | Member Nodes   | Bug          | New         | Normal   | Server certificate is expired   |          | 2019-10-08 15:14 |                    |
| 8844 | Member Nodes   | Bug          | New         | Normal   | Server certificate is expired   |          | 2019-10-08 18:27 |                    |
| 8845 | Member Nodes   | Bug          | New         | Normal   | Server is returning a 500 error.  |          | 2019-10-08 15:20 |                    |
| 8828 | Member Nodes   | MNDeployment | In Review   | Normal   | SESAR   |          | 2019-08-01 16:09 |                    |
| 7682 | Log Reporting  | Task         | New         | Normal   | Sluggish Purging Read Event Cache   |          | 2016-03-17 15:02 | d1_log_aggregation |
| 8842 | Infrastructure | Story        | New         | Normal   | Some exceptions in Metacat  |          | 2019-09-19 17:53 |                    |
| 4663 | Java Client    | Task         | New         | Normal   | src/main/resources appears to have config for log4j through commons-logging but neither logging library is declared as a test scope dependency. |          | 2015-02-11 20:08 |                    |
| 7908 | DUG            | Task         | New         | Normal   | Start a lesson learned document   |          | 2016-10-11 20:35 |                    |
| 1520 | Infrastructure | Task         | New         | Normal   | Stream Output   |          | 2011-05-04 14:35 |                    |
| 4671 | Java Client    | Task         | In Progress | Normal   | suggest updating the following versions:  |          | 2015-02-11 20:08 |                    |
| 6883 | Infrastructure | Story        | New         | Normal   | support for ESRI Shapefile object format  |          | 2018-01-17 19:40 | Format ID          |
| 6877 | Infrastructure | Task         | New         | Normal   | Support for ISO 19115 metadata standard   |          | 2015-03-10 18:08 | Format ID          |

| #    | Project               | Tracker      | Status      | Priority | Subject  | Assignee | Updated          | Category            |
|------|-----------------------|--------------|-------------|----------|--|----------|------------------|---------------------|
| 6876 | Infrastructure        | Task         | New         | Normal   | Support for ISO 19139 metadata standard  |          | 2015-03-10 17:27 | Format ID           |
| 8507 | Infrastructure        | Task         | New         | Normal   | Support generation of citation metadata records from dublin core                                 |          | 2018-03-19 22:37 |                     |
| 8049 | Infrastructure        | Story        | In Progress | Normal   | Support synchronization of system metadata for unhosted METADATA and RES_MAP objects             |          | 2018-01-17 18:50 | Architecture Design |
| 7911 | CN REST               | Task         | New         | Normal   | Synchronization allows invalid checksums, preventing corrected sync                              |          | 2016-10-17 15:58 | d1_synchronization  |
| 8345 | Testing MN Management | Task         | New         | Normal   | Technical Requirements   |          | 2018-02-08 15:28 |                     |
| 7161 | CN REST               | Bug          | New         | Normal   | TERN object fails to be indexed by Solr, but successfully synchronized                           |          | 2015-06-05 18:04 | d1_synchronization  |
| 8154 | Member Nodes          | Task         | New         | Normal   | Test content from the test NKN member node should be archived or deleted from production         |          | 2017-07-26 19:55 |                     |
| 8465 | Testing MN Management | Task         | New         | Normal   | test: Develop or Implement MN Software   |          | 2018-03-01 21:04 |                     |
| 8467 | Testing MN Management | Task         | New         | Normal   | test: Display as Upcoming  |          | 2018-03-01 21:04 |                     |
| 925  | Infrastructure        | Task         | New         | Normal   | Test for correct response to invalid input: CCI.ITK.FUSE-client                                  |          | 2011-10-31 20:32 | d1_client_ONEDrive  |
| 8347 | Testing MN Management | Story        | New         | Normal   | Testing & Development  |          | 2018-02-08 15:28 |                     |
| 8464 | Testing MN Management | Task         | New         | Normal   | test: Metadata Validation  |          | 2018-03-01 21:04 |                     |
| 8462 | Testing MN Management | MNDeployment | New         | Normal   | Test MN ticket   |          | 2018-03-01 20:57 |                     |
| 8294 | Testing MN Management | MNDeployment | New         | Normal   | Test Node 2  |          | 2018-02-08 15:28 |                     |
| 8350 | Testing MN Management | Task         | New         | Normal   | Test Registration  |          | 2018-02-08 15:28 |                     |
| 4665 | Java Client           | Task         | New         | Normal   | Tests contain redundant code.  |          | 2015-02-11 20:08 |                     |
| 8463 | Testing MN Management | Story        | New         | Normal   | test: Testing & Development  |          | 2018-03-01 21:04 |                     |
| 8466 | Testing MN Management | Task         | New         | Normal   | test: Test Registration  |          | 2018-03-01 21:04 |                     |
| 8846 | Member Nodes          | Bug          | New         | Normal   | TFRI node unresponsive   |          | 2019-10-08 15:26 |                     |
| 4176 | Infrastructure        | Bug          | New         | Normal   | The archive method in CN doesn't call back to the authoritative and replica MNs.                 |          | 2014-10-01 21:25 |                     |
| 3501 | Infrastructure        | Task         | New         | Normal   | The list of MN objects doesn't show an object, but the direct access shows it                    |          | 2013-01-18 19:13 |                     |
| 6389 | Infrastructure        | Task         | New         | Normal   | The version of com.googlecode.foresite-toolkit is 1.0-SNAPSHOT on the d1_libclient_java releases |          | 2014-09-18 00:42 |                     |
| 3894 | Infrastructure        | Task         | New         | Normal   | This task contains all the bugs related to the story   |          | 2014-09-24 18:27 |                     |
| 8860 | CN REST               | Bug          | New         | Normal   | /token endpoint doesn't set a content-type and character encoding                                |          | 2020-02-29 01:00 | d1_portal           |

| #    | Project               | Tracker      | Status   | Priority | Subject   | Assignee      | Updated          | Category                |
|------|-----------------------|--------------|----------|----------|---|---------------|------------------|-------------------------|
| 1333 | Infrastructure        | Task         | New      | Normal   | traceInformation -> trace   |               | 2011-02-09 22:46 |                         |
| 8531 | Member Nodes          | Task         | New      | Normal   | Training & education  |               | 2018-04-06 15:11 |                         |
| 8346 | Testing MN Management | Task         | New      | Normal   | Training & Education  |               | 2018-02-08 15:28 |                         |
| 6542 | Infrastructure        | Bug          | New      | Normal   | Unable to add metadata document on mndemo8  |               | 2014-10-30 16:30 | Environment.Development |
| 3689 | Member Nodes          | MNDeployment | Deferred | Normal   | University of South Carolina, Computer Science Department   |               | 2018-08-31 15:26 |                         |
| 3371 | Infrastructure        | Task         | New      | Normal   | unmarshalTypeFromFile method is using FileReader  |               | 2012-10-29 19:15 |                         |
| 6761 | Infrastructure        | Task         | New      | Normal   | unregister extraneous nodes in STAGE-2  |               | 2015-01-14 00:49 | Environment.Stage2      |
| 3567 | Member Nodes          | Task         | New      | Normal   | Unresolvable content on CN from ONEShare  |               | 2016-06-03 13:43 |                         |
| 1650 | Infrastructure        | Task         | New      | Normal   | Update d1_cn_service ProxyCNCOREService and CNCOREController to include addFormat()                 |               | 2016-06-22 16:51 |                         |
| 1647 | Java Client           | Task         | New      | Normal   | Update d1_common_java ObjectFormatServiceImpl to include addFormat()                                |               | 2016-06-22 16:51 | d1_common_java          |
| 1648 | Java Client           | Task         | New      | Normal   | Update d1_libclient_java ObjectFormatCache to include addFormat()                                   |               | 2016-06-22 16:51 | d1_libclient_java       |
| 1651 | Infrastructure        | Task         | New      | Normal   | Update Metacat ResourceHandler to field the PUT call on /formats/fmtid                              |               | 2016-06-22 16:51 |                         |
| 1649 | Infrastructure        | Task         | New      | Normal   | Update Metacat's CNCOREImpl to include addFormat()  |               | 2016-06-22 16:51 |                         |
| 7050 | Member Nodes          | MNDeployment | New      | Normal   | USDA ARS  |               | 2015-04-17 17:27 |                         |
| 8077 | Search UI             | Task         | New      | Normal   | Use ORE PID for citation if DOI   |               | 2017-04-24 16:32 |                         |
| 2051 | Infrastructure        | Task         | New      | Normal   | Use subject instead of NodeRef  |               | 2011-11-23 18:11 | Documentation           |
| 4115 | Member Nodes          | MNDeployment | Deferred | Normal   | UTK Institutional Repository  |               | 2018-04-17 17:32 |                         |
| 4118 | Member Nodes          | Task         | New      | Normal   | Validate FRIM sync against stage environment  |               | 2015-01-23 19:02 |                         |
| 1411 | Infrastructure        | Task         | New      | Normal   | Vendor Specific Extensions  |               | 2011-03-08 16:59 |                         |
| 8810 | CN REST               | Task         | New      | Normal   | Verify configuration of portal certificates   |               | 2019-05-21 13:00 |                         |
| 1226 | Infrastructure        | Task         | New      | Normal   | Verify that cn buildout is using the hudson generated Metacat war                                   |               | 2011-01-13 14:57 | d1_cn_buildout          |
| 6705 | Infrastructure        | Decision     | New      | Normal   | What behavior should be when a user request a sid when all the pids matching the sid were obsoleted |               | 2014-12-10 20:08 |                         |
| 2685 | Infrastructure        | Task         | New      | Normal   | Where's the WIFFM on the DataONE web site for the researcher user?                                  |               | 2012-05-01 15:31 | Support Operations      |
| 7475 | DUG                   | Task         | New      | Normal   | Work with Erin/ESIP to distribute the brochure widely to students/faculty from UNC                  |               | 2015-11-09 22:38 |                         |
| 7032 | MN Dashboard          | Feature      | New      | Normal   | Add anchor to the MN dashboard for "upcoming MNs"   | Skye Roseboom | 2015-04-09 17:52 |                         |
| 5515 | MN Dashboard          | Feature      | New      | Normal   | Add number of MNs to overview display   | Skye Roseboom | 2015-04-29 22:48 |                         |

| #    | Project          | Tracker      | Status      | Priority | Subject  | Assignee      | Updated          | Category            |
|------|------------------|--------------|-------------|----------|--|---------------|------------------|---------------------|
| 5322 | MN Dashboard     | Feature      | New         | Normal   | Add support for right, left keys on dashboard detail pages                           | Skye Roseboom | 2015-04-29 22:47 |                     |
| 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 |                     |
| 3122 | Infrastructure   | Bug          | In Progress | Normal   | asterisk in search term  | Skye Roseboom | 2014-10-02 18:02 | d1_mercury          |
| 3313 | Infrastructure   | Task         | New         | Normal   | Configure indexer to handle inline eml data  | Skye Roseboom | 2012-10-08 21:01 | d1_indexer          |
| 5516 | MN Dashboard     | Feature      | New         | Normal   | Date formatting  | Skye Roseboom | 2015-04-29 22:48 |                     |
| 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        |
| 2414 | CN REST          | Task         | New         | Normal   | Implement exceptions for search/solr endpoint  | Skye Roseboom | 2015-01-19 22:49 |                     |
| 6484 | MN Dashboard     | Feature      | New         | Normal   | Provide paging/scrolling on MN table   | Skye Roseboom | 2015-04-29 22:47 |                     |
| 3624 | Infrastructure   | Task         | Testing     | Normal   | Update CN index processing to support ESRI FGDC metadata format                      | Skye Roseboom | 2013-03-05 23:27 | d1_indexer          |
| 2585 | Infrastructure   | Task         | In Progress | Normal   | Update Use Case 09   | Skye Roseboom | 2014-09-11 15:47 | d1_replication      |
| 3774 | Member Nodes     | Task         | New         | Normal   | return NotFound exceptions for /meta and /object calls using "near miss" identifiers | Ryan Scherle  | 2014-03-14 18:22 |                     |
| 7256 | Python Libraries | Task         | New         | Normal   | add cnclient.synchronize method  | Roger Dahl    | 2016-04-21 22:37 |                     |
| 7765 | Python GMN       | Task         | New         | Normal   | Add "logrotate" capability as part of the GMN deployment                             | Roger Dahl    | 2016-05-04 02:38 |                     |
| 8672 | Member Nodes     | Task         | New         | Normal   | CDL - upgrade GMN 2.4.0 to 3.0.4   | Roger Dahl    | 2018-08-23 17:13 |                     |
| 8839 | Member Nodes     | MNDeployment | Planning    | Normal   | CMU KiltHub via Figshare   | Roger Dahl    | 2019-09-24 17:48 |                     |
| 7505 | Member Nodes     | Task         | In Progress | Normal   | Correct generous access policies   | Roger Dahl    | 2018-07-02 20:39 |                     |
| 6034 | Infrastructure   | Task         | In Progress | Normal   | d1_client_cli CCI 2.0 support  | Roger Dahl    | 2014-08-11 16:23 | d1_client_cli       |
| 6026 | Infrastructure   | Task         | In Progress | Normal   | d1_common CCI 2.0 support  | Roger Dahl    | 2014-08-01 15:49 | d1_common_python    |
| 6033 | Infrastructure   | Task         | In Progress | Normal   | d1_libclient_python CCI 2.0 support  | Roger Dahl    | 2014-08-11 16:22 | d1_libclient_python |
| 8074 | Python GMN       | Story        | New         | Normal   | Eliminate unnecessary setuid/setgid programs   | Roger Dahl    | 2018-01-17 18:48 |                     |
| 8155 | Infrastructure   | Story        | In Progress | Normal   | Ensure GMN fully supports the Package API  | Roger Dahl    | 2018-01-17 18:43 | d1_mn_GMN           |
| 8670 | Member Nodes     | Task         | New         | Normal   | FEMC - upgrade GMN 2.3.7 to 3.0.4  | Roger Dahl    | 2019-08-02 18:22 |                     |
| 7757 | Member Nodes     | MNDeployment | Deferred    | Normal   | GINA - Geographic Information Network of Alaska                                      | Roger Dahl    | 2018-08-31 15:22 |                     |



| #    | Project          | Tracker      | Status      | Priority | Subject   | Assignee   | Updated          | Category |
|------|------------------|--------------|-------------|----------|---|------------|------------------|----------|
| 7975 | Member Nodes     | Task         | New         | Normal   | GINA: Implement search index and display support for any new metadata formats required by the MN.                                       | Roger Dahl | 2017-01-27 18:34 |          |
| 7977 | Member Nodes     | Task         | New         | Normal   | GINA: Local Testing   | Roger Dahl | 2017-01-27 18:46 |          |
| 6767 | Python GMN       | Bug          | New         | Normal   | GMN crashes if the replication target is not responding   | Roger Dahl | 2016-04-14 14:19 |          |
| 6614 | Python GMN       | Bug          | In Progress | Normal   | GMN describe not returning DescribeResponse for IARC MN   | Roger Dahl | 2016-04-21 22:37 |          |
| 7739 | Python GMN       | Bug          | New         | Normal   | GMN Django models need to be adjusted for var char content greater than 1024 character length   | Roger Dahl | 2016-04-14 14:47 |          |
| 7759 | Python GMN       | Bug          | New         | Normal   | GMN docs refer to /portal for identity management   | Roger Dahl | 2017-03-28 16:45 |          |
| 6868 | Python GMN       | Bug          | New         | Normal   | GMN filters objects in list objects method from non-authenticated, non-rights-holder users  | Roger Dahl | 2016-04-14 14:19 |          |
| 7703 | Python GMN       | Task         | New         | Normal   | GMN populating ipAddress in LogEntry with abnormal strings  | Roger Dahl | 2016-06-22 17:19 |          |
| 8742 | Member Nodes     | Task         | New         | Normal   | GMN upgrade from 2.4.1 to 3.2.0   | Roger Dahl | 2018-11-13 19:14 |          |
| 8032 | Python GMN       | Story        | In Progress | Normal   | GMN v2  | Roger Dahl | 2018-01-17 18:55 |          |
| 7125 | Python GMN       | Task         | New         | Normal   | Handle Authorization header carrying authentication token   | Roger Dahl | 2016-04-21 22:37 |          |
| 6025 | Infrastructure   | Task         | In Progress | Normal   | Implement support for CCI v2.0 in Python stack  | Roger Dahl | 2014-08-01 15:49 |          |
| 3656 | Infrastructure   | Story        | New         | Normal   | integration testing: what are acceptable pids for update?   | Roger Dahl | 2018-01-17 20:22 |          |
| 3557 | Member Nodes     | MNDeployment | Operational | Normal   | LTER Network  | Roger Dahl | 2018-09-25 17:17 |          |
| 8073 | Python GMN       | Story        | New         | Normal   | Make sure unnecessary services are disabled   | Roger Dahl | 2018-01-17 18:48 |          |
| 7664 | Python GMN       | Bug          | New         | Normal   | manage.py register_node_with_dataone generates "nodeReplicationPolicy" XML fragment in node capabilities even when replication is false | Roger Dahl | 2016-04-14 14:16 |          |
| 6796 | Python Libraries | Story        | New         | Normal   | Migrate to Python v3  | Roger Dahl | 2018-01-17 19:43 |          |
| 8668 | Member Nodes     | Task         | New         | Normal   | MPC- upgrade GMN version 1.2.10 to 3.0.4  | Roger Dahl | 2019-03-05 20:35 |          |
| 8017 | Member Nodes     | Support      | New         | Normal   | NCEI - Implement GMN for replicating Arctic Data Center Data  | Roger Dahl | 2018-05-16 14:32 |          |
| 8681 | Member Nodes     | Task         | New         | Normal   | NCEI - install new GMN  | Roger Dahl | 2019-03-05 18:20 |          |
| 6401 | Member Nodes     | MNDeployment | Operational | Normal   | NM EPSCoR   | Roger Dahl | 2019-03-05 18:13 |          |
| 7229 | Python GMN       | Task         | New         | Normal   | non-standard server certificate locations   | Roger Dahl | 2016-04-21 22:37 |          |
| 8676 | Member Nodes     | Task         | New         | Normal   | NRDC -GMN upgrade 2.4.2 to 3.0.4  | Roger Dahl | 2019-03-05 20:43 |          |
| 8685 | Member Nodes     | Task         | New         | Normal   | ONEShare - GMN upgrade 2.4.2 to 3.0.4   | Roger Dahl | 2018-08-23 17:18 |          |
| 8673 | Member Nodes     | Task         | New         | Normal   | Pangaea- GMN upgrade from 2.4.0 to 3.0.4  | Roger Dahl | 2018-09-04 18:48 |          |
| 7291 | Python GMN       | Bug          | New         | Normal   | pypi distribution does not have all files   | Roger Dahl | 2016-04-14 14:57 |          |
| 6755 | Python CLI       | Bug          | New         | Normal   | python CLI install instructions fail  | Roger Dahl | 2018-01-09 02:44 |          |
| 6927 | Member Nodes     | Task         | In Progress | Normal   | R2R: Register any new object formats in all environments  | Roger Dahl | 2017-01-19 01:16 |          |
| 8750 | Member Nodes     | Task         | In Progress | Normal   | reconnect eLTER MN to DataONE   | Roger Dahl | 2018-11-28 16:59 |          |

| #    | Project          | Tracker      | Status      | Priority | Subject  | Assignee     | Updated          | Category                |
|------|------------------|--------------|-------------|----------|--|--------------|------------------|-------------------------|
| 7842 | Member Nodes     | MNDeployment | Operational | Normal   | Research Workspace   | Roger Dahl   | 2018-08-14 17:05 |                         |
| 7123 | Python Libraries | Task         | New         | Normal   | Send Authorization header carrying authentication token  | Roger Dahl   | 2016-04-21 22:37 | d1_libclient_python     |
| 7299 | Python Libraries | Bug          | New         | Normal   | SolrConnection fails if persistent property is not set to True   | Roger Dahl   | 2016-04-20 19:45 | d1_libclient_python     |
| 7954 | Infrastructure   | Bug          | New         | Normal   | SyncFailedTask:submitSynchronizationFailed does not provide cert when connecting to MN                                       | Roger Dahl   | 2017-04-19 18:55 | d1_synchronization      |
| 7702 | Log Reporting    | Task         | New         | Normal   | abnormal strings in ipAddress field of solr  | Robert Waltz | 2016-06-22 17:18 | d1_log_aggregation      |
| 6882 | Infrastructure   | Bug          | New         | Normal   | after CN upgrade togglePortsAndReplication.sh missing  | Robert Waltz | 2016-01-05 17:54 | d1_cn_buildout          |
| 8058 | Infrastructure   | Feature      | New         | Normal   | Allow "upcoming" nodes to appear in the node list  | Robert Waltz | 2017-04-03 18:33 | d1_cn_service           |
| 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           |
| 6706 | Infrastructure   | Task         | New         | Normal   | CN-SANDBOX initiated synchronization with mnTestLTER before node was "approved"  | Robert Waltz | 2015-10-09 17:38 | Environment.Sandbox     |
| 6070 | Infrastructure   | Bug          | New         | Normal   | CNs missing GOA objects  | Robert Waltz | 2016-08-10 20:56 | d1_synchronization      |
| 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 perm needs to be reconfiguration friendly   | Robert Waltz | 2016-08-10 20:58 | d1_cn_buildout          |
| 3643 | Infrastructure   | Task         | New         | Normal   | Decide on future of stage-2 environment  | Robert Waltz | 2015-01-14 00:41 |                         |
| 7178 | Infrastructure   | Bug          | New         | Normal   | duplicate replica information on mn-demo-5   | Robert Waltz | 2015-07-01 20:14 | d1_replication          |
| 2487 | CN REST          | Task         | New         | Normal   | How does a CN handle the failure of MN replica to receive MNStorage.sytemMetadataChanged()                                   | Robert Waltz | 2016-08-10 20:51 |                         |
| 2415 | CN REST          | Task         | New         | Normal   | Implement exceptions for log endpoint  | Robert Waltz | 2015-01-19 22:49 |                         |
| 6044 | Infrastructure   | Bug          | New         | Normal   | Indexer needs port 5432 open to localhost during postinst  | Robert Waltz | 2015-01-06 18:17 | d1_cn_buildout          |
| 6062 | Infrastructure   | Bug          | In Progress | Normal   | Jenkins not cascading builds in trunk  | Robert Waltz | 2016-08-10 20:56 | Environment.Development |
| 3572 | Infrastructure   | Bug          | New         | Normal   | LDAP not updated for Node when synchronized set to true  | Robert Waltz | 2014-10-01 22:56 | d1_cn_node_registry     |
| 5739 | CN REST          | Bug          | New         | Normal   | LDAP upgrades fail with purge of dataone-cn-os-core  | Robert Waltz | 2015-01-19 23:05 |                         |
| 1412 | CN REST          | Task         | New         | Normal   | MN health check performed by CN  | Robert Waltz | 2015-01-19 23:06 |                         |

| #    | Project        | Tracker  | Status      | Priority | Subject   | Assignee     | Updated          | Category                |
|------|----------------|----------|-------------|----------|---|--------------|------------------|-------------------------|
| 5321 | Infrastructure | Bug      | New         | Normal   | Multiple Hazelcast Client connections to same storage instance                                    | Robert Waltz | 2016-08-10 20:58 | d1_process_daemon       |
| 6041 | Infrastructure | Bug      | New         | Normal   | obsoletedBy field serialized with newline after pid   | Robert Waltz | 2014-09-25 17:36 |                         |
| 4129 | Infrastructure | Bug      | New         | Normal   | Only configure ufw ports for machines in xml configuration file                                   | Robert Waltz | 2016-08-10 20:47 | d1_cn_buildout          |
| 7489 | CN REST        | Bug      | New         | Normal   | processing daemon common-logging misconfigured  | Robert Waltz | 2016-01-21 17:18 | d1_cn_process_daemon    |
| 6514 | Infrastructure | Task     | New         | Normal   | Reharvest all Records to build initial cache  | Robert Waltz | 2015-01-13 15:56 | d1_log_aggregation      |
| 7940 | Infrastructure | Story    | New         | Normal   | Retrieval of system metadata is too slow  | Robert Waltz | 2018-01-09 19:10 | d1_cn_service           |
| 7047 | Infrastructure | Task     | New         | Normal   | Set user-agent in http request header for CN requests to member nodes                             | Robert Waltz | 2015-04-15 22:41 | d1_cn_service           |
| 6067 | Infrastructure | Decision | New         | Normal   | Should we configure Dependency Analyzer Plugin in Jenkins?  | Robert Waltz | 2014-08-22 03:58 | Environment.Development |
| 4660 | Java Client    | Task     | New         | Normal   | src/main/java has XML files   | Robert Waltz | 2015-02-11 20:08 | d1_common_java          |
| 6011 | Infrastructure | Bug      | New         | Normal   | Synchronization fails from max_syncoobjectqueue_size  | Robert Waltz | 2016-01-05 17:52 | d1_synchronization      |
| 4067 | Infrastructure | Bug      | New         | Normal   | Validate Node stream in MultipartHttpServletRequest in register and updateNodeCapabilities.       | Robert Waltz | 2016-08-10 21:01 | d1_cn_service           |
| 3869 | Infrastructure | Bug      | New         | Normal   | wrong key set in portal/WEB-INF/client.xml  | Robert Waltz | 2016-08-10 20:58 | d1_cn_buildout          |
| 5582 | Infrastructure | Bug      | New         | Normal   | xinetd not supported via debian install   | Robert Waltz | 2014-10-02 19:27 | d1_cn_buildout          |
| 7537 | Infrastructure | Task     | New         | Normal   | add nodelist refreshes to NodeLocator classes   | Rob Nahf     | 2015-12-10 16:59 | d1_libclient_java       |
| 3721 | Java Client    | Task     | In Progress | Normal   | add resource map validation routine to libclient_java   | Rob Nahf     | 2015-02-11 20:42 | d1_libclient_java       |
| 6854 | Infrastructure | Feature  | In Progress | Normal   | add testAssumptionFailure to run listener   | Rob Nahf     | 2016-01-26 22:30 | d1_integration          |
| 4059 | Infrastructure | Task     | New         | Normal   | Add test to verify node is reporting correct nodeld in log records                                | Rob Nahf     | 2013-10-07 19:10 |                         |
| 4650 | Infrastructure | Story    | New         | Normal   | Allow MN to bias resolve to the authoritative MN  | Rob Nahf     | 2018-01-17 20:00 | d1_cn_common            |
| 6850 | Java Client    | Story    | New         | Normal   | automate Java Client releases   | Rob Nahf     | 2018-01-17 19:42 | d1_libclient_java       |
| 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       |
| 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      |
| 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       |

| #    | Project        | Tracker      | Status      | Priority | Subject   | Assignee | Updated          | Category           |
|------|----------------|--------------|-------------|----------|---|----------|------------------|--------------------|
| 7884 | Infrastructure | Task         | New         | Normal   | CN portal log is misconfigured  | Rob Nahf | 2016-09-09 20:18 | d1_portal_servlet  |
| 7958 | Infrastructure | Task         | In Progress | Normal   | CN sometimes sends invalid submitSynchronizationFailed document to MN | Rob Nahf | 2017-01-04 17:23 | d1_synchronization |
| 6378 | Infrastructure | Task         | Testing     | Normal   | code up the new strategy  | Rob Nahf | 2016-06-22 16:53 | d1_replication     |
| 8791 | Infrastructure | Story        | New         | Normal   | Complete deprecation of ONEMercury interface                          | Rob Nahf | 2019-05-01 14:00 | d1_mercury         |
| 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 |                    |
| 3577 | Infrastructure | Task         | New         | Normal   | Confusing message about "Ignored Tests present".                      | Rob Nahf | 2013-02-14 22:36 | MNWebChecker       |
| 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       |
| 1552 | Java Client    | Task         | New         | Normal   | Copy TestSimpleMultipartEntity from d1_common_java to d1_integration  | Rob Nahf | 2015-02-11 19:49 |                    |
| 2545 | Infrastructure | Task         | New         | Normal   | create d1_integration tests using for MN.generateIdentifier           | Rob Nahf | 2014-10-02 17:54 | d1_integration     |
| 1554 | Java Client    | Task         | New         | Normal   | Create MockHttpClient for testing in d1_common_java                   | Rob Nahf | 2015-02-11 19:49 | d1_common_java     |
| 8225 | Member Nodes   | Story        | In Progress | Normal   | Customize Indexing & View for gmd-pangaea                             | Rob Nahf | 2018-05-17 14:30 |                    |
| 3234 | Member Nodes   | MNDeployment | Testing     | Normal   | CyVerse (iPlant) member node  | Rob Nahf | 2019-03-05 18:36 |                    |

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