

## Issues

| #   | Project      | Tracker     | Status | Priority | Subject   | Assignee       | Updated          | Category       |
|-----|--------------|-------------|--------|----------|---|----------------|------------------|----------------|
| 318 | Requirements | Requirement | New    | High     | (Requirement) Sponsor required Y1 functionality   | Dave Vieglaiss | 2010-09-06 03:24 | d1_common_java |
| 337 | Requirements | Requirement | New    | Low      | (Requirement) Deploy three coordinating nodes   |                | 2010-03-17 15:14 |                |
| 339 | Requirements | Requirement | New    | Low      | (Requirement) Web presence to provide publicly accessible information about the project               |                | 2010-03-16 17:36 |                |
| 371 | Requirements | Requirement | New    | Low      | (Requirement) Provide a suite of collaboration tools and instruction on how to use them               |                | 2010-03-16 20:06 |                |
| 374 | Requirements | Requirement | New    | Low      | (Requirement) Periodic Reporting to Sponsor   |                | 2010-03-16 18:11 |                |
| 383 | Requirements | Requirement | New    | Low      | (Requirement) System supports data storage  |                | 2010-03-16 21:35 |                |
| 384 | Requirements | Requirement | New    | High     | (Requirement) Enable efficient mechanisms for users to discover content                               | Dave Vieglaiss | 2010-09-06 03:58 | d1_common_java |
| 385 | Requirements | Requirement | New    | Low      | (Requirement) Support arbitrary unique identifiers  |                | 2010-03-16 22:09 |                |
| 386 | Requirements | Requirement | New    | Low      | (Requirement) Deploy at least three Member Nodes  |                | 2010-03-17 13:39 |                |
| 387 | Requirements | Requirement | New    | Low      | (Requirement) Implement a Member Node based on Metacat  |                | 2010-10-06 22:00 |                |
| 388 | Requirements | Requirement | New    | Low      | (Requirement) Implement a Member Node based on Dryad  |                | 2010-03-24 13:36 |                |
| 389 | Requirements | Requirement | New    | Low      | (Requirement) Implement a Member Node based on the ORNL DAAC  |                | 2010-03-25 14:46 |                |
| 390 | Requirements | Requirement | New    | High     | (Requirement) Consistent mechanism for identifying users  | Dave Vieglaiss | 2010-09-06 20:50 | Requirement    |
| 391 | Requirements | Requirement | New    | High     | (Requirement) Enable different classes of users commensurate with their roles.                        | Dave Vieglaiss | 2010-09-06 20:51 | Requirement    |
| 392 | Requirements | Requirement | New    | High     | (Requirement) Identity and access control should be interoperable across datanets                     | Dave Vieglaiss | 2010-09-06 20:31 | Requirement    |
| 393 | Requirements | Requirement | New    | High     | (Requirement) Access control rule evaluation must be highly scalable and responsive.                  | Dave Vieglaiss | 2010-09-06 20:27 | Requirement    |
| 408 | Requirements | Requirement | New    | Low      | (Requirement) Implement a Coordinating Node software stack  |                | 2010-03-25 15:44 |                |
| 409 | Requirements | Requirement | New    | Low      | (Requirement) Develop a reference implementation of the Member Node stack                             |                | 2010-03-25 13:57 |                |
| 410 | Requirements | Requirement | New    | Low      | (Requirement) The infrastructure must support long term preservation of Data                          |                | 2010-03-25 15:41 |                |
| 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 |
| 412 | Requirements | Requirement | New    | Low      | (Requirement) Identifiers always refer to the same object   |                | 2010-03-25 15:41 |                |
| 431 | Requirements | Requirement | New    | Low      | (Requirement) Software developed for infrastructure should be implemented according to specifications |                | 2010-03-25 14:44 |                |
| 433 | Requirements | Requirement | New    | Low      | (Requirement) Data and metadata is replicated to at least one other member node                       |                | 2010-03-25 03:11 |                |
| 439 | Requirements | Requirement | New    | Low      | (Requirement) Maintain original copies of all science metadata  |                | 2010-03-25 03:27 |                |

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| 455 | Requirements | Requirement | New    | Low      | (Requirement) Installation of critical software must be well documented and as automated as possible   |                | 2010-03-25 13:52 |               |
| 468 | Requirements | Requirement | New    | Low      | (Requirement) Design the cyberinfrastructure for the project.  |                | 2010-03-25 16:51 |               |
| 580 | Requirements | Requirement | New    | Low      | (Requirement) All software developed on the project should be open source  | Dave Vieglaiss | 2010-04-15 22:57 |               |
| 581 | Requirements | Requirement | New    | Low      | (Requirement) System supports multiple types of science metadata   |                | 2010-04-20 20:45 |               |
| 592 | Requirements | Requirement | New    | High     | DataONE needs to synchronize metadata between MNs and CNs  | Robert Waltz   | 2010-09-06 02:28 | d1_cn_service |
| 632 | Requirements | Requirement | New    | Low      | (Requirement) Monitor the DataONE infrastructure   |                | 2010-05-28 20:10 |               |
| 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   |
| 762 | Requirements | Requirement | New    | High     | (Requirement) User identities can be derived from existing institutional directory services  | Dave Vieglaiss | 2010-09-06 03:01 | Requirement   |
| 763 | Requirements | Requirement | New    | High     | (Requirement) Authentication and authorization services are geographically replicated  | Dave Vieglaiss | 2010-09-06 20:52 | Requirement   |
| 764 | Requirements | Requirement | New    | High     | (Requirement) Authentication and access control should be consistently available   | Dave Vieglaiss | 2010-09-06 20:32 | Requirement   |
| 765 | Requirements | Requirement | New    | High     | (Requirement) Tools can access an API for authn and authz  | Dave Vieglaiss | 2010-09-06 20:30 | 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   |
| 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   |
| 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   |
| 769 | Requirements | Requirement | New    | High     | (Requirement) Authorization should support critical roles, such as curators and system administrators  | Dave Vieglaiss | 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 Vieglaiss | 2010-08-11 00:41 | 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   |
| 772 | Requirements | Requirement | New    | High     | (Requirement) Authentication services should be compatible with existing infrastructure and applications   | Dave Vieglaiss | 2010-08-11 07:54 | Requirement   |
| 777 | Requirements | Requirement | New    | High     | (Requirement) Authorization rules should support common permission levels  | Dave Vieglaiss | 2010-09-06 20:49 | Requirement   |
| 795 | Requirements | Requirement | New    | High     | (Requirement) System must support revocation of user permissions   | Dave Vieglaiss | 2010-08-29 20:45 | Requirement   |

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| 817  | Infrastructure | Task        | New    | Low      | Integration testing: Make Java and Python stack return values equal for each function. | Roger Dahl     | 2012-10-08 18:47 |                     |
| 820  | Requirements   | Requirement | New    | High     | (Requirement) Common API for authentication and authorization operations               | Dave Vieglaiss | 2010-09-06 21:23 | Requirement         |
| 821  | Requirements   | Requirement | New    | High     | (Requirement) Sponsor required functionality   | Dave Vieglaiss | 2010-09-06 03:28 | d1_common_java      |
| 822  | Requirements   | Requirement | New    | High     | (Requirement) Object access and manipulation should be responsive                      | Dave Vieglaiss | 2010-09-06 20:27 | d1_common_java      |
| 925  | Infrastructure | Task        | New    | Normal   | Test for correct response to invalid input: CCI.ITK.FUSE-client                        |                | 2011-10-31 20:32 | d1_client_ONEDrive  |
| 991  | Infrastructure | Task        | New    | Low      | implement HEAD /resolve/<guid>   |                | 2010-10-13 22:02 |                     |
| 995  | Infrastructure | Task        | New    | Normal   | implement JSON formatted OLLs  |                | 2010-10-25 16:45 |                     |
| 1001 | Infrastructure | Task        | New    | Normal   | Link documentation living with projects into ArchitectureDocs                          |                | 2010-10-21 14:55 |                     |
| 1073 | Infrastructure | Task        | New    | Normal   | Design client application authentication redirection approach                          | Matthew Jones  | 2014-10-01 20:47 | d1_identity_manager |
| 1225 | Infrastructure | Task        | New    | Normal   | Configure Hudson Metacat build   |                | 2011-01-13 14:41 | Metacat             |
| 1226 | Infrastructure | Task        | New    | Normal   | Verify that cn buildout is using the hudson generated Metacat war                      |                | 2011-01-13 14:57 | d1_cn_buildout      |
| 1227 | Infrastructure | Task        | New    | Normal   | configure Hudson to build Mercury for deployment to a CN                               | Dave Vieglaiss | 2011-01-13 15:16 | d1_mercury          |
| 1234 | Infrastructure | Task        | New    | Normal   | Record performance metrics for member nodes  |                | 2011-01-15 02:52 |                     |
| 1236 | Infrastructure | Task        | New    | Normal   | Highly variable response times from cn.dataone.org                                     |                | 2011-01-17 16:34 | d1_cn_service       |
| 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 |                     |
| 1333 | Infrastructure | Task        | New    | Normal   | traceInformation -> trace  |                | 2011-02-09 22:46 |                     |
| 1334 | Infrastructure | Task        | New    | Normal   | Completely remove detailCode   |                | 2011-02-09 22:51 |                     |
| 1335 | Infrastructure | Task        | New    | Normal   | Local caching of the d1 schema.  |                | 2011-02-09 22:56 |                     |
| 1339 | Infrastructure | Task        | New    | Normal   | "common" -> "base" or "foundation"   |                | 2011-02-09 23:19 |                     |
| 1411 | Infrastructure | Task        | New    | Normal   | Vendor Specific Extensions   |                | 2011-03-08 16:59 |                     |
| 1412 | CN REST        | Task        | New    | Normal   | MN health check performed by CN  | Robert Waltz   | 2015-01-19 23:06 |                     |
| 1414 | Infrastructure | Task        | New    | Normal   | How to represent additional Node attributes.   |                | 2011-03-09 06:16 |                     |
| 1442 | DataONE API    | Task        | New    | Normal   | Identify monitoring and logging use cases and requirements                             | Dave Vieglaiss | 2015-01-19 23:06 |                     |
| 1443 | DataONE API    | Task        | New    | Normal   | Identify operational requirements for monitoring and logging                           | Dave Vieglaiss | 2015-01-19 23:06 |                     |
| 1471 | Infrastructure | Task        | New    | Normal   | Define implicit curator role at Member Nodes.  | Matthew Jones  | 2014-10-01 20:47 |                     |
| 1472 | Infrastructure | Task        | New    | Normal   | Explain revocation policies via MN curator.  | Matthew Jones  | 2014-10-01 20:47 |                     |
| 1473 | Infrastructure | Task        | New    | Normal   | Make default access policy explicit in Authz docs.                                     | Matthew Jones  | 2014-10-01 20:47 |                     |
| 1474 | Infrastructure | Task        | New    | Normal   | Design verification process for new accounts   | Matthew Jones  | 2014-10-01 20:47 |                     |
| 1481 | Infrastructure | Task        | New    | Normal   | Clarify spec that groups can own objects   | Matthew Jones  | 2014-10-01 20:47 |                     |
| 1482 | Infrastructure | Task        | New    | Normal   | Design mechanism to collapse two accounts into one                                     | Matthew Jones  | 2014-10-01 20:47 |                     |

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| 1484 | Infrastructure | Task    | New    | Normal   | Decide on format for Principals  | Matthew Jones | 2014-10-01 20:47 |                    |
| 1485 | Infrastructure | Task    | New    | Normal   | Clean up authn requirements listing  | Matthew Jones | 2014-10-01 20:47 |                    |
| 1494 | Infrastructure | Task    | New    | Normal   | Create sequence diagrams for Authentication services.  | Matthew Jones | 2014-10-01 20:47 |                    |
| 1502 | Infrastructure | Task    | New    | Normal   | Fix hierarchy of permission levels.  | Matthew Jones | 2014-10-01 20:47 | Documentation      |
| 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 |                    |
| 1520 | Infrastructure | Task    | New    | Normal   | Stream Output  |               | 2011-05-04 14:35 |                    |
| 1521 | Infrastructure | Task    | New    | Normal   | Compressed Response  |               | 2011-05-04 14:35 |                    |
| 1527 | Infrastructure | Task    | New    | Normal   | Allow AccessPolicy to be set for groups  | Matthew Jones | 2014-10-01 20:47 |                    |
| 1552 | Java Client    | Task    | New    | Normal   | Copy TestSimpleMultipartEntity from d1_common_java to d1_integration                                 | Rob Nahf      | 2015-02-11 19:49 |                    |
| 1554 | Java Client    | Task    | New    | Normal   | Create MockHttpClient for testing in d1_common_java  | Rob Nahf      | 2015-02-11 19:49 | d1_common_java     |
| 1555 | Java Client    | Task    | New    | Normal   | Modify TestSimpleMultipartEntity for use with MockHttpClient   | Rob Nahf      | 2015-02-11 19:49 | d1_common_java     |
| 1559 | Java Client    | Task    | New    | Low      | Refactor d1_libclient_java echo tests  | Rob Nahf      | 2015-02-11 19:49 | d1_libclient_java  |
| 1585 | Infrastructure | Task    | New    | Low      | add exec-maven-plugin to trigger python integration tests at verify phase.                           | Rob Nahf      | 2012-10-16 21:32 |                    |
| 1644 | DataONE API    | Story   | New    | Normal   | Develop an object format creation policy   |               | 2018-01-17 20:46 |                    |
| 1646 | Infrastructure | Task    | New    | Normal   | Add addFormat() to the CNCORE API  |               | 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  |
| 1649 | Infrastructure | Task    | New    | Normal   | Update Metacat's CNCOREImpl to include addFormat()   |               | 2016-06-22 16:51 |                    |
| 1650 | Infrastructure | Task    | New    | Normal   | Update d1_cn_service ProxyCNCOREService and CNCOREController to include addFormat()                  |               | 2016-06-22 16:51 |                    |
| 1651 | Infrastructure | Task    | New    | Normal   | Update Metacat ResourceHandler to field the PUT call on /formats/fmtid                               |               | 2016-06-22 16:51 |                    |
| 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 |                    |
| 1671 | Infrastructure | Task    | New    | Normal   | Need folder for DUG, accessible by DUG members   | Matthew Jones | 2011-07-12 12:09 | Support Operations |
| 1762 | Infrastructure | Task    | New    | Normal   | Sketch CN components and associations  | Dave Viegla   | 2014-10-02 17:40 |                    |
| 1808 | Infrastructure | Task    | New    | Normal   | MNAuthorization.isAuthorized() -> assertAuthorized()   |               | 2011-10-04 16:08 |                    |
| 1873 | Infrastructure | Feature | New    | Normal   | Postprocessing tool for log reporting  |               | 2014-10-02 17:06 | d1_log_aggregation |
| 1890 | Infrastructure | Task    | New    | Normal   | Comply with Maven Central requirements for publishing artifacts                                      | Matthew Jones | 2011-10-27 21:39 |                    |
| 1961 | Infrastructure | Task    | New    | Normal   | Types.ErrorMessage - does not exist  | Dave Viegla   | 2014-10-02 17:21 | Documentation      |

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| 1983 | Infrastructure | Task    | New    | Normal   | UC04 describes MNCORE.ping() with discovery capability                            | Dave Vieglais  | 2014-10-02 17:21 | Documentation                 |
| 1986 | Infrastructure | Task    | New    | Normal   | Update UC04 to use correct CN method for determining if a PID exists              | Dave Vieglais  | 2014-10-02 17:21 | Documentation                 |
| 2018 | Infrastructure | Task    | New    | Normal   | document DataONE CA operations procedures   | Matthew Jones  | 2012-04-23 17:53 | Support Operations            |
| 2028 | Infrastructure | Task    | New    | Normal   | Document VM specifications for CNs  | Dave Vieglais  | 2014-09-24 18:29 | Management                    |
| 2029 | Infrastructure | Task    | New    | Normal   | Document VM specifications for replication MNs                                    | Dave Vieglais  | 2014-09-24 18:29 | Management                    |
| 2030 | Infrastructure | Task    | New    | Normal   | Document the structure and interconnections of VM host hardware at UNM            | Dave Vieglais  | 2014-09-24 18:29 | Hardware                      |
| 2031 | Infrastructure | Task    | New    | Normal   | Document the structure and interconnections of VM host hardware at UCSB           | Nick Outin     | 2014-09-24 18:29 | Hardware                      |
| 2033 | Infrastructure | Task    | New    | Normal   | Document hardware / CN administrators and their contact info                      | Dave Vieglais  | 2014-09-24 18:29 | Management                    |
| 2035 | Infrastructure | Task    | New    | Normal   | Design nagios system for monitoring CN locations                                  | Nick Outin     | 2014-09-24 18:29 | d1_monitor                    |
| 2051 | Infrastructure | Task    | New    | Normal   | Use subject instead of NodeRef  |                | 2011-11-23 18:11 | Documentation                 |
| 2053 | Infrastructure | Task    | New    | Normal   | CNReplication.setReplicationStatus() - Add info about serialVersion               |                | 2014-10-02 17:21 |                               |
| 2054 | Infrastructure | Task    | New    | Normal   | CNReplication.setReplicationPolicy(), updateReplicationMetadata()                 | Dave Vieglais  | 2014-10-02 17:21 | Documentation                 |
| 2083 | Infrastructure | Task    | New    | Normal   | Split the CN API into public and private sections                                 | Dave Vieglais  | 2014-10-02 17:21 | Documentation                 |
| 2123 | Infrastructure | Task    | New    | Normal   | Description of serialVersion  | Dave Vieglais  | 2014-10-02 17:21 | Documentation                 |
| 2131 | Infrastructure | Task    | New    | Normal   | CNRegister.updateNodeCapabilities() - nodeid -> nodeId                            | Dave Vieglais  | 2014-10-02 17:21 |                               |
| 2133 | Infrastructure | Task    | New    | Normal   | listObjects() datetime slicing  |                | 2011-12-12 23:15 |                               |
| 2142 | Infrastructure | Task    | New    | Normal   | MNReplication.getReplica() - include PID in signature                             | Dave Vieglais  | 2014-10-02 17:21 | Documentation                 |
| 2147 | Infrastructure | Task    | New    | Low      | The Python stack does not support Unicode supplementary characters (above 0xffff) | Roger Dahl     | 2012-04-16 03:50 | d1_common_python              |
| 2151 | Infrastructure | Task    | New    | Normal   | Ensuring that cited objects are not deleted                                       |                | 2011-12-23 04:20 |                               |
| 2168 | CN REST        | Task    | New    | Normal   | Design UI for identity validation   | Ben Leinfelder | 2015-01-19 22:59 |                               |
| 2172 | Infrastructure | Task    | New    | Normal   | Types.DateTime: Example serialization without TZ designator                       | Dave Vieglais  | 2014-10-02 17:21 | Documentation                 |
| 2227 | Infrastructure | Task    | New    | Normal   | Specify valid mimetypes for responses   | Dave Vieglais  | 2014-10-02 17:21 | Documentation                 |
| 2281 | Infrastructure | Task    | New    | Low      | Possibly update the Identity Management and Authenticated Session Management doc  | Matthew Jones  | 2014-10-01 20:47 | Authentication, Authorization |
| 2286 | Infrastructure | Task    | New    | Low      | Change Exceptions.InvalidToken to Exceptions.InvalidSession                       | Dave Vieglais  | 2014-10-02 17:21 | Documentation                 |
| 2342 | Infrastructure | Task    | New    | Normal   | CNCore.reserveIdentifier() - Update REST description                              | Dave Vieglais  | 2014-10-02 17:21 | Documentation                 |
| 2343 | Infrastructure | Task    | New    | Normal   | Convert style sheets to separate product  | Ben Leinfelder | 2012-02-15 17:43 |                               |
| 2344 | Infrastructure | Task    | New    | Normal   | Add category for Ben's style sheets in Redmine                                    | Dave Vieglais  | 2012-02-15 17:45 | Support Operations            |
| 2394 | Infrastructure | Task    | New    | Normal   | CNRead.search() - solr / SOLR   | Dave Vieglais  | 2014-10-02 17:21 | Documentation                 |

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| 2414 | CN REST        | Task    | New    | Normal   | Implement exceptions for search/solr endpoint  | Skye Roseboom   | 2015-01-19 22:49 |                               |
| 2415 | CN REST        | Task    | New    | Normal   | Implement exceptions for log endpoint  | Robert Waltz    | 2015-01-19 22:49 |                               |
| 2464 | Infrastructure | Task    | New    | Normal   | Authentication - no space after comma in subjects  | Dave Vieglaiss  | 2014-10-02 17:21 | Documentation                 |
| 2465 | Infrastructure | Task    | New    | Normal   | Authentication - Remove TODO about selecting format for principal name                       | Dave Vieglaiss  | 2014-10-02 17:21 | Documentation                 |
| 2466 | Infrastructure | Task    | New    | Normal   | Authentication - Remove references to Principal  | Dave Vieglaiss  | 2014-10-02 17:21 | Documentation                 |
| 2475 | Infrastructure | Task    | New    | Normal   | CNReplication.setReplicationStatus() - How to represent null                                 | Dave Vieglaiss  | 2014-10-02 17:21 | Documentation                 |
| 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 |                               |
| 2488 | Infrastructure | Story   | New    | Normal   | Changing the authoritativeMemberNode will require all replica's systemMetadata be updated    | Dave Vieglaiss  | 2018-01-17 20:39 | d1_synchronization            |
| 2492 | Infrastructure | Task    | New    | Normal   | Add status page for given {pid}  | Ben Leinfelder  | 2012-03-15 02:02 | d1_monitor                    |
| 2508 | Infrastructure | Task    | New    | Normal   | MNStorage.delete(), MNStorage.update() - Action must be denied for replicas.                 | Dave Vieglaiss  | 2014-10-02 17:21 | Documentation                 |
| 2545 | Infrastructure | Task    | New    | Normal   | create d1_integration tests using for MN.generateIdentifier                                  | Rob Nahf        | 2014-10-02 17:54 | d1_integration                |
| 2548 | Infrastructure | Story   | New    | Normal   | recasting untrusted certs to public poses accessibility inconsistency to users               |                 | 2018-01-17 20:36 | Authentication, Authorization |
| 2549 | Infrastructure | Task    | New    | Normal   | document the decision  | Matthew Jones   | 2012-03-27 22:03 | Authentication, Authorization |
| 2593 | Infrastructure | Task    | New    | Normal   | Prepare science data and metadata content for the workshop                                   | Dave Vieglaiss  | 2012-04-09 22:52 |                               |
| 2594 | Infrastructure | Task    | New    | Normal   | Prepare a Mercury MN overview for the workshop   | Giri Palanisamy | 2012-04-09 22:59 | mn.Mercury                    |
| 2646 | Infrastructure | Task    | New    | Normal   | MNReplication.getReplica() - Add information about CNReplication.isNodeAuthorized()          | Dave Vieglaiss  | 2014-10-02 17:21 | Documentation                 |
| 2660 | Infrastructure | Task    | New    | Normal   | Deciding on a key size for D1 certs  | Dave Vieglaiss  | 2014-10-02 17:21 | Documentation                 |
| 2664 | Infrastructure | Task    | New    | Normal   | Create documentation for how transitivity is enacted for authorization                       | Matthew Jones   | 2014-10-01 20:47 | Authentication, Authorization |
| 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            |
| 2688 | Infrastructure | Task    | New    | Normal   | Develop guidelines for how Subject entries are handled - creation, normalization, comparison | Dave Vieglaiss  | 2014-09-24 18:27 | Documentation                 |
| 2791 | Infrastructure | Task    | New    | Normal   | verify on dev machines   | Dave Vieglaiss  | 2012-05-21 17:41 | d1_cn_buildout                |
| 2793 | Infrastructure | Task    | New    | Normal   | MNRead.describe() - Document special requirement of returning D1 exceptions in header        | Dave Vieglaiss  | 2014-10-02 17:21 | Documentation                 |
| 2794 | Infrastructure | Task    | New    | Normal   | Exceptions: Remove unsupported exception serializations and add "header serialization"       | Dave Vieglaiss  | 2014-10-02 17:21 | Documentation                 |
| 2809 | Infrastructure | Task    | New    | Normal   | MNStorage.update() - Make behavior explicit  | Dave Vieglaiss  | 2014-10-02 17:21 | Documentation                 |
| 2810 | Infrastructure | Task    | New    | Normal   | setReplicationStatus() example rwt state transition is incorrect                             | Dave Vieglaiss  | 2014-10-02 17:21 | Documentation                 |
| 2826 | Infrastructure | Task    | New    | Normal   | MNStorage.archive() - Permissions  | Dave Vieglaiss  | 2014-10-02 17:21 | Documentation                 |

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| 2896 | Infrastructure | Task         | New    | Normal   | Modify the admin DN in createObjectformat script per environment                      | Chris Jones    | 2012-10-05 14:23 | d1_cn_buildout     |
| 2944 | Infrastructure | Story        | New    | Normal   | Design and implement a MN kill switch mechanism                                       | Dave Vieglaiss | 2018-01-17 20:30 | Support Operations |
| 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  |
| 3063 | Infrastructure | Task         | New    | Normal   | Change Mutability of Metadata documentation   | Dave Vieglaiss | 2014-09-24 18:27 | Documentation      |
| 3067 | Infrastructure | Task         | New    | Normal   | Old DAAC PIDs to archive  | Dave Vieglaiss | 2013-01-02 14:14 | mn.Mercury         |
| 3076 | Infrastructure | Task         | New    | Normal   | Allow user to specify Morpho storage directory  |                | 2013-03-02 05:29 | Morpho             |
| 3080 | Infrastructure | Task         | New    | Normal   | Calling Dataone client library in morpho  |                | 2013-03-02 05:28 |                    |
| 3082 | Infrastructure | Task         | New    | Normal   | Morpho should not rely on CN for any critical features                                |                | 2013-03-02 05:26 | Morpho             |
| 3099 | Infrastructure | Decision     | New    | Normal   | ONE-Mercury display of data set citation  | Dave Vieglaiss | 2012-07-23 21:24 | d1_mercury         |
| 3108 | Infrastructure | Task         | New    | Normal   | lastHarvested date is always equal to the current time.                               | Dave Vieglaiss | 2012-07-30 22:11 |                    |
| 3115 | Infrastructure | Task         | New    | Normal   | Get R client into working state.  | Andrew Pippin  | 2012-08-02 17:32 |                    |
| 3142 | Infrastructure | Task         | New    | Normal   | Need a new local search mechanism   |                | 2013-03-02 05:15 |                    |
| 3156 | Infrastructure | Task         | New    | Low      | Design Review: resource map indexing strategy   | Skye Roseboom  | 2012-08-27 18:51 | d1_indexer         |
| 3165 | Java Client    | Bug          | New    | Low      | Libclient caching does not respect accessPolicies                                     | Rob Nahf       | 2015-02-11 18:37 | d1_libclient_java  |
| 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 |                    |
| 3175 | Infrastructure | Task         | New    | Normal   | Include dataoneTypes.xsd in Metacat registered schemas                                | Chris Jones    | 2012-10-05 14:23 | Metacat            |
| 3176 | Member Nodes   | MNDeployment | New    | Low      | QUT member node   | Matthew Jones  | 2018-04-17 17:30 |                    |
| 3177 | Member Nodes   | Task         | New    | Normal   | Contact operators   | Matthew Jones  | 2012-09-05 01:46 |                    |
| 3181 | Member Nodes   | Task         | New    | Normal   | Contact PFRP as potential MN  | Matthew Jones  | 2013-01-30 21:00 |                    |
| 3198 | Member Nodes   | Task         | New    | Normal   | Initial contact for the USGS MN   | Mike Frame     | 2013-08-23 13:07 |                    |
| 3200 | Member Nodes   | Task         | New    | Normal   | Make initial contact with USGS-NWRC   | Mike Frame     | 2013-10-24 15:23 |                    |
| 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 |                    |
| 3211 | Member Nodes   | MNDeployment | New    | Normal   | Taiwan Ecological Research Network member node  | Ben Leinfelder | 2014-02-20 21:58 |                    |
| 3212 | Member Nodes   | Task         | New    | Normal   | Collect metadata for the Taiwan TERN member node                                      | Matthew Jones  | 2014-02-20 21:58 |                    |
| 3216 | Member Nodes   | Task         | New    | Normal   | Contact GEO BON for possible MN   | Matthew Jones  | 2012-09-05 03:29 |                    |
| 3219 | Member Nodes   | MNDeployment | New    | Normal   | iEcolab member node   | Ben Leinfelder | 2015-11-19 18:01 |                    |
| 3235 | Member Nodes   | MNDeployment | New    | Low      | LITS - Long-Term Individual base Time Series project member node                      |                | 2018-04-17 17:23 |                    |

| #    | Project        | Tracker      | Status | Priority | Subject   | Assignee         | Updated          | Category           |
|------|----------------|--------------|--------|----------|---|------------------|------------------|--------------------|
| 3236 | Member Nodes   | MNDeployment | New    | Normal   | UCNRS member node   | Mark Schildhauer | 2013-01-30 20:59 |                    |
| 3239 | Member Nodes   | MNDeployment | New    | Normal   | "Nitrous Oxide emissions Network" member node   |                  | 2018-04-17 17:13 |                    |
| 3240 | Member Nodes   | MNDeployment | New    | Low      | AZGS - Arizona Geological Survey member node  |                  | 2018-04-17 17:18 |                    |
| 3241 | Member Nodes   | MNDeployment | New    | Low      | ALA - Atlas of Living Australia member node   |                  | 2018-04-17 17:14 |                    |
| 3246 | Infrastructure | Bug          | New    | Low      | Metacat returns 500 instead of 404 in some cases  | Ben Leinfelder   | 2014-10-02 18:03 | Metacat            |
| 3258 | Member Nodes   | MNDeployment | New    | Low      | CitSci.org MN   | Bruce Wilson     | 2018-04-17 17:19 |                    |
| 3260 | Member Nodes   | Task         | New    | Normal   | Scope out the implementation of a CitSci.org MN   | Bruce Wilson     | 2012-09-20 20:51 |                    |
| 3308 | Infrastructure | Task         | New    | Normal   | Document the process for removing content contributed from a specific member node and/or the entire member node | Dave Vieglaiss   | 2014-03-14 18:29 | Support Operations |
| 3313 | Infrastructure | Task         | New    | Normal   | Configure indexer to handle inline eml data   | Skye Roseboom    | 2012-10-08 21:01 | d1_indexer         |
| 3314 | Infrastructure | Task         | New    | Normal   | CNRead.getQueryEngineDescription() - REST URL   | Dave Vieglaiss   | 2014-10-02 17:21 | Documentation      |
| 3315 | Infrastructure | Task         | New    | Normal   | CNRead.query() - POST in addition to GET  | Dave Vieglaiss   | 2014-10-02 17:21 | Documentation      |
| 3328 | Infrastructure | Task         | New    | Normal   | Enable a data preview from the search results page  | Chris Jones      | 2012-10-23 19:34 | d1_mercury         |
| 3333 | Infrastructure | Task         | New    | Low      | Generalize mk_* scripts for host name   | Dave Vieglaiss   | 2012-10-11 18:50 | Support Operations |
| 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            |
| 3371 | Infrastructure | Task         | New    | Normal   | unmarshalTypeFromFile method is using FileReader  |                  | 2012-10-29 19:15 |                    |
| 3373 | Infrastructure | Task         | New    | Normal   | If id contains "/", the MNode.getSystemMetadata method fails.   |                  | 2012-11-06 02:05 |                    |
| 3374 | Member Nodes   | Task         | New    | Normal   | Move kepler-library.org Metacat to new server   | Ben Leinfelder   | 2012-11-08 00:31 |                    |
| 3380 | Infrastructure | Task         | New    | Normal   | Upgrade d1_client_hzpeek to Hazelcast 2.x   | Dave Vieglaiss   | 2012-12-12 16:50 |                    |
| 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 |                    |
| 3411 | Member Nodes   | Task         | New    | Normal   | Collate documents of relevance to MN deployment and operation   | Dave Vieglaiss   | 2012-12-01 18:33 |                    |
| 3438 | Infrastructure | Task         | New    | Normal   | Evaluate utility of schema.org  |                  | 2012-12-21 16:15 | Documentation      |
| 3465 | Infrastructure | Task         | New    | Normal   | Improve Metacat listObject slicing  | Ben Leinfelder   | 2013-01-08 18:54 | Metacat            |
| 3466 | Infrastructure | Task         | New    | Normal   | Add synthetic key to systemMetadata table   | Ben Leinfelder   | 2013-01-08 18:30 |                    |
| 3467 | Infrastructure | Task         | New    | Normal   | MN.listObject should use auto-incremented key   | Ben Leinfelder   | 2013-01-08 18:31 | Metacat            |
| 3468 | Infrastructure | Task         | New    | Normal   | Explore how CN.listObject can effectively use auto-incremented key  | Ben Leinfelder   | 2013-01-08 18:35 | Documentation      |
| 3480 | Member Nodes   | MNDeployment | New    | Low      | Globe.gov   | Laura Moyers     | 2018-04-17 17:23 |                    |
| 3488 | Infrastructure | Task         | New    | Normal   | Create custom merge policy to support managing data/information inconsistency                                   | Chris Jones      | 2014-03-14 17:27 | Metacat            |
| 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 |                    |



| #    | Project        | Tracker      | Status | Priority | Subject   | Assignee         | Updated          | Category               |
|------|----------------|--------------|--------|----------|---|------------------|------------------|------------------------|
| 3509 | Infrastructure | Task         | New    | Normal   | Issue certificates from D1TestIntCA for dev environment nodes, and revoke certificates signed by D1TestCA     | Chris Jones      | 2014-09-24 18:25 | Support Operations     |
| 3510 | Infrastructure | Task         | New    | Normal   | Issue certificates from D1TestIntCA for sandbox environment nodes, and revoke certificates signed by D1TestCA | Chris Jones      | 2014-09-24 18:25 | Support Operations     |
| 3511 | Infrastructure | Task         | New    | Normal   | Issue certificates from D1TestIntCA for stage environment nodes, and revoke certificates signed by D1TestCA   | Chris Jones      | 2014-09-24 18:25 | Support Operations     |
| 3512 | Infrastructure | Task         | New    | Normal   | Issue production client certificates for mn-{ucsb orc unm}-2.dataone.org replica target nodes                 | Dave Vieglaiss   | 2013-01-23 16:34 | Environment.Production |
| 3518 | Member Nodes   | Task         | New    | Normal   | Arctos: New MN discussion   | Dave Vieglaiss   | 2013-01-25 18:27 |                        |
| 3519 | Member Nodes   | MNDeployment | New    | Low      | Prairie Research Institute  | Dave Vieglaiss   | 2015-11-19 17:00 |                        |
| 3520 | Member Nodes   | MNDeployment | New    | Low      | ARCTOS Collaborative Collection Management Solution   | Dave Vieglaiss   | 2018-04-17 17:18 |                        |
| 3535 | Member Nodes   | Task         | New    | Normal   | Contact LITS prospect MN to scope out prospects   | Matthew Jones    | 2013-01-30 21:15 |                        |
| 3537 | Member Nodes   | Task         | New    | Normal   | Contact followup on Citsci.org MN prospect  | Laura Moyers     | 2014-03-28 18:03 |                        |
| 3567 | Member Nodes   | Task         | New    | Normal   | Unresolvable content on CN from ONEShare  |                  | 2016-06-03 13:43 |                        |
| 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    |
| 3577 | Infrastructure | Task         | New    | Normal   | Confusing message about "Ignored Tests present".  | Rob Nahf         | 2013-02-14 22:36 | MNWebChecker           |
| 3596 | Infrastructure | Task         | New    | Normal   | Fix Merritt Repository resource map typing of triple objects  | John Kunze       | 2013-02-19 02:27 | mn.Merritt             |
| 3597 | Member Nodes   | Task         | New    | Normal   | The Avian Knowledge Network (AKN) and Cornell Lab of Ornithology eBird should be distinct Member Nodes        | Ben Leinfelder   | 2014-04-23 01:32 |                        |
| 3598 | Infrastructure | Task         | New    | Normal   | Node document subject description is a bit unclear  | Dave Vieglaiss   | 2014-10-02 17:21 | Documentation          |
| 3605 | Member Nodes   | Task         | New    | Normal   | Install a new Metacat instance for the Avian Knowledge Network (AKN) member node                              | Ben Leinfelder   | 2013-02-21 16:20 |                        |
| 3612 | Infrastructure | Task         | New    | Normal   | CN SystemMetadata has incomplete obsoletedBy information  | Ben Leinfelder   | 2013-03-08 17:43 | Environment.Production |
| 3616 | Infrastructure | Task         | New    | Normal   | Enable ServiceMethodRestriction support in Metacat  | Chris Jones      | 2013-02-27 16:28 | Metacat                |
| 3625 | Infrastructure | Task         | New    | Normal   | Update existing SANParks doctype="metadata" objects to new ESRI/FGDC objectFormatId                           | Ben Leinfelder   | 2013-02-27 23:44 | Environment.Production |
| 3626 | Infrastructure | Task         | New    | Normal   | Metacat should use correct object format for ESRI profile metadata  | Ben Leinfelder   | 2013-02-27 23:56 | Metacat                |
| 3628 | Member Nodes   | MNDeployment | New    | Low      | Harvard Filtered Push MN  | William Michener | 2015-11-20 03:14 |                        |
| 3633 | Member Nodes   | MNDeployment | New    | Low      | Bay Delta Member Node   | Laura Moyers     | 2015-11-19 19:44 |                        |
| 3635 | Infrastructure | Task         | New    | Normal   | Phase two Morpho implementation   | Ben Leinfelder   | 2013-03-25 22:49 |                        |
| 3643 | Infrastructure | Task         | New    | Normal   | Decide on future of stage-2 environment   | Robert Waltz     | 2015-01-14 00:41 |                        |
| 3656 | Infrastructure | Story        | New    | Normal   | integration testing: what are acceptable pids for update?   | Roger Dahl       | 2018-01-17 20:22 |                        |
| 3658 | DataONE API    | Bug          | New    | Normal   | Deleting objects breaks obsoletes chain traversal   | Chris Jones      | 2015-01-19 22:29 |                        |
| 3664 | Member Nodes   | MNDeployment | New    | High     | Landcare Research New Zealand   | Laura Moyers     | 2015-11-19 19:39 |                        |

| #    | Project        | Tracker      | Status | Priority | Subject  | Assignee       | Updated          | Category                      |
|------|----------------|--------------|--------|----------|--|----------------|------------------|-------------------------------|
| 3675 | Infrastructure | Bug          | New    | High     | package relationships not available for archived objects   | Rob Nahf       | 2018-09-21 21:01 | d1_indexer                    |
| 3680 | Member Nodes   | MNDeployment | New    | Low      | Federal University of Pernambuco, Brazil   | Laura Moyers   | 2015-11-19 19:34 |                               |
| 3681 | Member Nodes   | MNDeployment | New    | Normal   | EPA's Atlantic Ecology Division  | Laura Moyers   | 2016-06-23 00:10 |                               |
| 3683 | Member Nodes   | MNDeployment | New    | Low      | Purdue University Libraries  |                | 2018-04-17 17:30 |                               |
| 3684 | Member Nodes   | MNDeployment | New    | Low      | Branner Earth Sciences Library - Stanford University   | Laura Moyers   | 2015-11-19 19:04 |                               |
| 3685 | Member Nodes   | MNDeployment | New    | Low      | National SocioEnvironmental Synthesis Center   | Laura Moyers   | 2015-11-19 17:58 |                               |
| 3690 | Member Nodes   | MNDeployment | New    | Low      | Digital Library of Vertebrate Morphology, University of Texas  | Laura Moyers   | 2015-11-19 17:53 |                               |
| 3691 | Member Nodes   | MNDeployment | New    | Low      | National Institute for Amazon Research   |                | 2018-04-17 17:25 |                               |
| 3700 | Infrastructure | Bug          | New    | Normal   | MNodeService.replicate will not request new object if existing on MN                                       | Chris Jones    | 2015-01-06 19:43 | Metacat                       |
| 3720 | Infrastructure | Story        | New    | Normal   | resource maps should be validated  | Dave Vieglaiss | 2018-01-17 20:17 | Documentation                 |
| 3728 | Infrastructure | Task         | New    | Normal   | Update and augment architecture use cases to describe processes for property changes on system metadata    | Dave Vieglaiss | 2014-09-24 18:27 | Documentation                 |
| 3757 | Infrastructure | Task         | New    | Normal   | Verify Log reporting in MN Tester  | Rob Nahf       | 2013-05-10 17:42 | d1_integration                |
| 3762 | Infrastructure | Feature      | New    | Low      | DataONE software download statistics   | Roger Dahl     | 2014-10-01 21:32 | d1_dashboard                  |
| 3763 | Infrastructure | Task         | New    | Low      | Visualize PyPI download statistics for Python components   | Roger Dahl     | 2014-10-01 21:32 | d1_dashboard                  |
| 3768 | Infrastructure | Task         | New    | Normal   | Add canonical DataONE description paper to citing DataONE web-page   | Amber Budden   | 2013-05-16 22:20 | Community Engagement          |
| 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 |                               |
| 3807 | Infrastructure | Task         | New    | Normal   | Add documentation for Types.QueryEngineDescription   | Dave Vieglaiss | 2014-10-02 17:21 | Documentation                 |
| 3810 | Infrastructure | Task         | New    | Normal   | Identify and setup location for user oriented operational docs   | Dave Vieglaiss | 2014-09-24 18:27 | Support Operations            |
| 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            |
| 3844 | Member Nodes   | MNDeployment | New    | Normal   | Oregon Explorer program at OSU   | Laura Moyers   | 2015-11-19 17:22 |                               |
| 3869 | Infrastructure | Bug          | New    | Normal   | wrong key set in portal/WEB-INF/client.xml   | Robert Waltz   | 2016-08-10 20:58 | d1_cn_buildout                |
| 3878 | Infrastructure | Task         | New    | Normal   | 4.2.1.1 Missing and Out-of-Date Documentation  | Dave Vieglaiss | 2014-09-24 18:27 |                               |
| 3879 | Infrastructure | Task         | New    | Normal   | 4.2.1.2 Missing Policies and Expectations  |                | 2014-09-24 18:27 | Environment.Production        |
| 3880 | Infrastructure | Task         | New    | Normal   | 4.2.1.3 CILogon Extension Not Documented   |                | 2014-09-24 18:27 | Environment.Production        |
| 3881 | Infrastructure | Task         | New    | Normal   | 4.2.1.4 Definition of Verified User Lacking  | Dave Vieglaiss | 2014-09-24 18:27 | Documentation                 |
| 3891 | Infrastructure | Task         | New    | Normal   | review vulnerability to BREACH attacks   | Dave Vieglaiss | 2013-08-07 15:01 | Authentication, Authorization |
| 3894 | Infrastructure | Task         | New    | Normal   | This task contains all the bugs related to the story   |                | 2014-09-24 18:27 |                               |
| 3895 | Infrastructure | Task         | New    | Normal   | Can we add bugs to a task in a story?  |                | 2014-09-24 18:27 |                               |
| 3901 | Infrastructure | Task         | New    | Normal   | Review Mozilla Persona as an alternative for identity management   | Dave Vieglaiss | 2013-08-09 11:57 | Documentation                 |
| 3906 | Member Nodes   | Task         | New    | High     | Update malformed Resource Maps   |                | 2013-08-09 17:50 |                               |

| #    | Project        | Tracker | Status | Priority | Subject   | Assignee            | Updated          | Category               |
|------|----------------|---------|--------|----------|---|---------------------|------------------|------------------------|
| 3907 | Infrastructure | Task    | New    | Normal   | MN Integration Test - verify system metadata returned matches expected                                    | Rob Nahf            | 2013-08-09 18:48 | d1_integration         |
| 3924 | Infrastructure | Task    | New    | Normal   | Pids in ObjectList should be the same as pids in the systemMetadata Map                                   | Rob Nahf            | 2014-10-01 22:04 | MNWebChecker           |
| 3925 | Infrastructure | Task    | New    | Normal   | navigate through the ResourceMap confirm existence of identifiers on the MN                               | Rob Nahf            | 2014-10-01 22:04 | MNWebChecker           |
| 3974 | Infrastructure | Task    | New    | Normal   | Complete agenda for meeting   | Dave Vieglaiss      | 2013-09-11 20:59 |                        |
| 3980 | Member Nodes   | Task    | New    | Normal   | Missing content   | Chris Jones         | 2013-09-25 21:48 |                        |
| 3989 | Member Nodes   | Task    | New    | Normal   | USGS Clearinghouse resource maps have discrepancies with CN   | Ranjeet Devarakonda | 2013-09-26 23:34 |                        |
| 3994 | Member Nodes   | Task    | New    | Normal   | Stories and bugs are showing up in the MN Dashboard; should be restricted to MNDeployment trackers        | Dave Vieglaiss      | 2013-09-26 23:34 |                        |
| 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 |                        |
| 4038 | Infrastructure | Feature | New    | Normal   | change default replication implementation   | Matthew Jones       | 2014-10-01 21:26 | d1_replication         |
| 4051 | Infrastructure | Feature | New    | Normal   | MN Stack supporting Fedora Commons  |                     | 2014-10-02 21:39 | mn.Fedora              |
| 4059 | Infrastructure | Task    | New    | Normal   | Add test to verify node is reporting correct nodeld in log records  | Rob Nahf            | 2013-10-07 19:10 |                        |
| 4067 | Infrastructure | Bug     | New    | Normal   | Validate Node stream in MultipartHttpServletRequest in register and updateNodeCapabilities.               | Robert Waltz        | 2016-08-10 21:01 | d1_cn_service          |
| 4068 | Member Nodes   | Task    | New    | Normal   | Coordinate discussions for biodiversity data in DataONE with TDWG participants                            | Dave Vieglaiss      | 2016-06-17 19:31 |                        |
| 4091 | Infrastructure | Story   | New    | Normal   | ESRI GeoPortal MN stack   |                     | 2013-10-15 13:36 |                        |
| 4098 | Infrastructure | Task    | New    | Normal   | Synchronization should allow valid replicas held by MNs to set obsoletedBy and archive flags              | Dave Vieglaiss      | 2014-07-31 22:23 | d1_synchronization     |
| 4102 | Infrastructure | Task    | New    | Normal   | Add expiration policy for CNCORE.reservedIdentifier()   | Dave Vieglaiss      | 2014-10-02 17:21 | Documentation          |
| 4117 | Member Nodes   | Task    | New    | Normal   | Issue Test certs for FRIM   |                     | 2015-01-23 19:02 |                        |
| 4118 | Member Nodes   | Task    | New    | Normal   | Validate FRIM sync against stage environment  |                     | 2015-01-23 19:02 |                        |
| 4120 | Infrastructure | Task    | New    | Normal   | Display total data downloads in the SummaryView header  | Skye Roseboom       | 2014-03-31 17:41 | d1_dashboard           |
| 4125 | Infrastructure | Task    | New    | Normal   | Mock up an informational section of the Member Node detail view   | Chris Jones         | 2014-03-31 17:41 | d1_dashboard           |
| 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         |
| 4142 | Infrastructure | Bug     | New    | Normal   | dataone-cn-processdaemon prerm needs to be reconfiguration friendly                                       | Robert Waltz        | 2016-08-10 20:58 | d1_cn_buildout         |
| 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 |                        |
| 4190 | Infrastructure | Task    | New    | Normal   | Update architecture docs to import dataoneErrors.xsd  | Dave Vieglaiss      | 2014-09-24 18:28 | Documentation          |
| 4200 | Infrastructure | Task    | New    | Normal   | Update replication.properties with metacat database password after upgrade before starting process daemon | Chris Jones         | 2013-12-11 20:34 | Environment.Production |

| #    | Project        | Tracker      | Status | Priority | Subject   | Assignee     | Updated          | Category       |
|------|----------------|--------------|--------|----------|---|--------------|------------------|----------------|
| 4211 | Infrastructure | Bug          | New    | Normal   | Potential race condition between archive and replication  | Chris Jones  | 2014-09-25 17:19 | d1_cn_service  |
| 4224 | Member Nodes   | MNDeployment | New    | Low      | Japan Long Term Ecological Research Network   | Laura Moyers | 2015-11-19 00:52 |                |
| 4227 | Member Nodes   | MNDeployment | New    | Low      | TRY Plant Trait Database  | Laura Moyers | 2015-11-19 15:40 |                |
| 4278 | Infrastructure | Story        | New    | Normal   | EML indexing - handle multiple temporalCoverage and spatialCoverage elements  | Jing Tao     | 2018-01-17 20:04 | d1_indexer     |
| 4296 | Member Nodes   | MNDeployment | New    | Normal   | Sierra Nevada Global Change Observatory Member Node   | Laura Moyers | 2017-01-30 17:01 |                |
| 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      |
| 4301 | Python GMN     | Bug          | New    | Low      | In the GMN integration tester, add test to check that Last-Modified, Content-Length and Content-Type fields are set correctly                   | Roger Dahl   | 2016-04-21 22:38 |                |
| 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      |
| 4650 | Infrastructure | Story        | New    | Normal   | Allow MN to bias resolve to the authoritative MN  | Rob Nahf     | 2018-01-17 20:00 | d1_cn_common   |
| 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 |                |
| 4657 | Java Client    | Task         | New    | Normal   | Pom versions are mixed between properties and inline (e.g. <version>1.8.4</version>)  | Rob Nahf     | 2015-02-11 20:08 |                |
| 4660 | Java Client    | Task         | New    | Normal   | src/main/java has XML files   | Robert Waltz | 2015-02-11 20:08 | d1_common_java |
| 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 |                |
| 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 |                |
| 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 |                |
| 4665 | Java Client    | Task         | New    | Normal   | Tests contain redundant code.   |              | 2015-02-11 20:08 |                |
| 4666 | Java Client    | Task         | New    | Normal   | - All types have the same serialVersionUID (10000000)   |              | 2015-02-11 20:08 |                |
| 4667 | Java Client    | Task         | New    | Normal   | - (Important!) No types implement equals or hashCode  |              | 2015-02-11 20:08 |                |
| 4668 | Java Client    | Task         | New    | Normal   | - No types implement toString   |              | 2015-02-11 20:08 |                |
| 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 |                |
| 4673 | Java Client    | Task         | New    | Normal   | Pom has warnings:   |              | 2015-02-11 20:08 |                |
| 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  |
| 4675 | Infrastructure | Task         | New    | Normal   | Administratively delete those pids with the white spaces  |              | 2014-09-24 18:09 |                |

| #    | Project          | Tracker      | Status | Priority | Subject  | Assignee          | Updated          | Category               |
|------|------------------|--------------|--------|----------|--|-------------------|------------------|------------------------|
| 4704 | Infrastructure   | Task         | New    | Normal   | Create a view of MN holdings from a CN perspective                   | Dave Vieglaiss    | 2014-04-09 15:33 |                        |
| 4711 | Infrastructure   | Task         | New    | Normal   | replace SSL Certs for cn-unm-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 |                        |
| 4713 | Infrastructure   | Task         | New    | Normal   | replace SSL cert fo cn-orc-1.dataone.org                             |                   | 2014-09-24 18:14 |                        |
| 4717 | Infrastructure   | Task         | New    | Normal   | refresh client certificate for mn-unm-2.dataone.org                  |                   | 2014-09-24 18:14 |                        |
| 4722 | Infrastructure   | Task         | New    | Normal   | Clarify permissions for CN   | Dave Vieglaiss    | 2014-10-02 17:21 |                        |
| 4723 | Infrastructure   | Task         | New    | Normal   | MN recognition of CN   | Dave Vieglaiss    | 2014-10-02 17:21 |                        |
| 5121 | Member Nodes     | Task         | New    | Normal   | Fix DryadDataFile instance documents with no dcterms:creator element | Chris Jones       | 2014-04-30 19:25 |                        |
| 5122 | Member Nodes     | Task         | New    | Normal   | Verify/update information in TFRI's node registration                | Chris Jones       | 2014-04-18 16:51 |                        |
| 5136 | Infrastructure   | Task         | New    | Normal   | Change DNS seetings on all DataONE VMs                               | Chris Jones       | 2014-05-08 03:16 | Environment.Production |
| 5137 | Infrastructure   | Task         | New    | Normal   | Fix DataONE CA chain file location in cn-buildout                    | Chris Jones       | 2014-04-25 15:06 | d1_cn_buildout         |
| 5145 | Infrastructure   | Feature      | New    | Normal   | Consider including cert subject(s) in NotAuthorized exceptions       | Chris Jones       | 2014-09-25 17:44 | d1_cn_service          |
| 5313 | Java Client      | Task         | New    | Normal   | enable remote deployment of product packages from Hudson / Jenkins   | Rob Nahf          | 2015-02-11 20:34 |                        |
| 5321 | Infrastructure   | Bug          | New    | Normal   | Multiple Hazelcast Client connections to same storage instance       | Robert Waltz      | 2016-08-10 20:58 | d1_process_daemon      |
| 5322 | MN Dashboard     | Feature      | New    | Normal   | Add support for right, left keys on dashboard detail pages           | Skye Roseboom     | 2015-04-29 22:47 |                        |
| 5454 | Member Nodes     | Task         | New    | Normal   | Evaluate dataverse poential MN                                       | Bruce Wilson      | 2014-05-29 19:30 |                        |
| 5457 | Member Nodes     | MNDeployment | New    | Normal   | NSIDC- National Snow and Ice Data Center                             | Bruce Wilson      | 2018-04-10 19:12 |                        |
| 5468 | Python Libraries | Story        | New    | Low      | Remove dead code from D1 Python stack                                | Roger Dahl        | 2018-01-17 19:57 |                        |
| 5498 | Infrastructure   | Task         | New    | Normal   | Determine the cause of the Jun2014 cn-orc-1 out of memory issue      | Michael Campfield | 2014-10-31 19:11 | Environment.Production |
| 5515 | MN Dashboard     | Feature      | New    | Normal   | Add number of MNs to overview display                                | Skye Roseboom     | 2015-04-29 22:48 |                        |
| 5516 | MN Dashboard     | Feature      | New    | Normal   | Date formatting  | Skye Roseboom     | 2015-04-29 22:48 |                        |
| 5582 | Infrastructure   | Bug          | New    | Normal   | xinetd not supported via debian install                              | Robert Waltz      | 2014-10-02 19:27 | d1_cn_buildout         |
| 5739 | CN REST          | Bug          | New    | Normal   | LDAP upgrades fail with purge of dataone-cn-os-core                  | Robert Waltz      | 2015-01-19 23:05 |                        |
| 5838 | Member Nodes     | Story        | New    | Normal   | GBIF: Testing  |                   | 2019-01-28 14:39 |                        |
| 5839 | Member Nodes     | Task         | New    | Normal   | GBIF: Registration in environment                                    |                   | 2016-07-02 12:45 |                        |
| 5841 | Member Nodes     | Task         | New    | Normal   | GBIF: SSL Certificates   |                   | 2019-01-28 14:40 |                        |
| 5848 | Member Nodes     | Task         | New    | Normal   | GBIF: Synchronization  |                   | 2016-07-02 12:45 |                        |
| 5849 | Member Nodes     | Task         | New    | Normal   | GBIF: Set up synchronization of the MN                               |                   | 2016-07-02 12:45 |                        |
| 5850 | Member Nodes     | Task         | New    | Normal   | GBIF: Content Review   |                   | 2016-07-02 12:45 |                        |
| 5851 | 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 |                        |

| #    | Project      | Tracker | Status | Priority | Subject   | Assignee | Updated          | Category |
|------|--------------|---------|--------|----------|---|----------|------------------|----------|
| 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 |          |
| 5854 | 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 |          |
| 5856 | Member Nodes | Task    | New    | Normal   | GBIF: Verify Science Metadata 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 |          |
| 5858 | Member Nodes | Task    | New    | Normal   | GBIF: Verify Resource Maps  |          | 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 |          |
| 5861 | Member Nodes | Task    | New    | Normal   | GBIF: Verify that Resource Maps are correctly processed by CNs.                   |          | 2016-07-02 12:45 |          |
| 5865 | Member Nodes | Task    | New    | Normal   | GBIF: Log record access   |          | 2016-07-02 12:45 |          |
| 5867 | Member Nodes | Story   | New    | Normal   | GBIF: Registration in Production environment                                      |          | 2019-01-24 17:08 |          |
| 5869 | Member Nodes | Task    | New    | Normal   | GBIF: SSL Certificates  |          | 2016-07-02 12:45 |          |
| 5870 | Member Nodes | Task    | New    | Normal   | GBIF: Generate client certificate.  |          | 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 |          |
| 5873 | Member Nodes | Task    | New    | Normal   | GBIF: Register MN   |          | 2016-07-02 12:45 |          |
| 5874 | Member Nodes | Task    | New    | Normal   | GBIF: Set up Node document  |          | 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 |          |
| 5876 | Member Nodes | Task    | New    | Normal   | GBIF: Synchronization   |          | 2016-07-02 12:45 |          |
| 5877 | Member Nodes | Task    | New    | Normal   | GBIF: Set up synchronization of the MN  |          | 2016-07-02 12:45 |          |
| 5878 | Member Nodes | Task    | New    | Normal   | GBIF: Content Review  |          | 2016-07-02 12:45 |          |
| 5879 | Member Nodes | Task    | New    | Normal   | GBIF: Verify Science Data   |          | 2016-07-02 12:45 |          |
| 5880 | Member Nodes | Task    | New    | Normal   | GBIF: Verify Science Data content   |          | 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 |          |
| 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 |          |
| 5884 | Member Nodes | Task    | New    | Normal   | GBIF: Verify Science Metadata is returned with the correct HTTP Content-Type      |          | 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 |          |

| #    | Project        | Tracker  | Status | Priority | Subject  | Assignee       | Updated          | Category                |
|------|----------------|----------|--------|----------|--|----------------|------------------|-------------------------|
| 5886 | Member Nodes   | Task     | New    | Normal   | GBIF: Verify Resource Maps   |                | 2016-07-02 12:45 |                         |
| 5887 | Member Nodes   | Task     | New    | Normal   | GBIF: Verify Resource Map content  |                | 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 |                         |
| 5889 | Member Nodes   | Task     | New    | Normal   | GBIF: Verify that Resource Maps are correctly processed by CNs.                                |                | 2016-07-02 12:45 |                         |
| 5890 | Member Nodes   | Task     | New    | Normal   | GBIF: Authentication and Authorization   |                | 2018-01-22 21:16 |                         |
| 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 |                         |
| 5893 | Member Nodes   | Task     | New    | Normal   | GBIF: Log record access  |                | 2016-07-02 12:45 |                         |
| 5895 | Member Nodes   | Story    | New    | Normal   | GBIF: Transition to production   |                | 2018-01-22 18:41 |                         |
| 5896 | Member Nodes   | Task     | New    | Normal   | GBIF: Mutual acceptance  |                | 2016-07-02 12:45 |                         |
| 5897 | Member Nodes   | Task     | New    | Normal   | GBIF: Verify content available for Current MNs web page  |                | 2016-07-02 12:45 |                         |
| 5899 | Member Nodes   | Task     | New    | Normal   | GBIF: Create news item   | Amy Forrester  | 2019-01-24 17:10 |                         |
| 5900 | Member Nodes   | Task     | New    | Normal   | GBIF: Formal announcement  |                | 2016-07-02 12:45 |                         |
| 5988 | Infrastructure | Task     | New    | Normal   | Determine cause of ldap "server not responding" errors between prod CNs                        | Jing Tao       | 2014-07-22 23:18 | Hardware                |
| 6011 | Infrastructure | Bug      | New    | Normal   | Synchronization fails from max_syncobjectqueue_size  | Robert Waltz   | 2016-01-05 17:52 | d1_synchronization      |
| 6041 | Infrastructure | Bug      | New    | Normal   | obsoletedBy field serialized with newline after pid  | Robert Waltz   | 2014-09-25 17:36 |                         |
| 6044 | Infrastructure | Bug      | New    | Normal   | Indexer needs port 5432 open to localhost during postinst                                      | Robert Waltz   | 2015-01-06 18:17 | d1_cn_buildout          |
| 6048 | Member Nodes   | Task     | New    | Normal   | Fix 404 NotFound errors on the EDORA MN  | Jim Green      | 2014-11-24 14:57 |                         |
| 6056 | Infrastructure | Story    | New    | Normal   | remove log aggregation processing from d1-processing Linux service                             | Dave Vieglaiss | 2018-01-17 19:55 | d1_log_aggregation      |
| 6060 | Infrastructure | Bug      | New    | Normal   | dataone-cn-index install should fail if subtasks fail  | Robert Waltz   | 2016-08-10 20:58 | d1_cn_buildout          |
| 6067 | Infrastructure | Decision | New    | Normal   | Should we configure Dependency Analyzer Plugin in Jenkins?                                     | Robert Waltz   | 2014-08-22 03:58 | Environment.Development |
| 6069 | Infrastructure | Story    | New    | Normal   | open ask.dataone.org sign-in to community  | Dave Vieglaiss | 2014-10-01 20:39 | Documentation           |
| 6070 | Infrastructure | Bug      | New    | Normal   | CNs missing GOA objects  | Robert Waltz   | 2016-08-10 20:56 | d1_synchronization      |
| 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           |
| 6167 | Infrastructure | Task     | New    | Normal   | Docs for CNRead.search() say "SOLR" in capital but actual API expects "solr" in lower case     | Dave Vieglaiss | 2014-10-02 17:21 | Documentation           |
| 6168 | Infrastructure | Task     | New    | Normal   | CNAuthorization.setRightsHolder() returns 500 ServiceFailure                                   | Chris Jones    | 2014-08-29 16:01 | d1_cn_service           |
| 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           |
| 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 |                         |

| #    | Project        | Tracker      | Status | Priority | Subject  | Assignee          | Updated          | Category                |
|------|----------------|--------------|--------|----------|--|-------------------|------------------|-------------------------|
| 6336 | MN Dashboard   | Feature      | New    | Normal   | Display MN POCs on the detail MN pages of the dashboard  | Skye Roseboom     | 2015-04-29 22:49 |                         |
| 6359 | Member Nodes   | MNDeployment | New    | Low      | SiBBr  | Laura Moyers      | 2015-11-19 17:20 |                         |
| 6367 | Infrastructure | Task         | New    | Normal   | Update drive firmware on P2-1 UCSB SAN Array   | Nick Outin        | 2014-09-08 20:19 | Hardware                |
| 6376 | Infrastructure | Task         | New    | Normal   | test the new strategy against working ReplicationManager test                                    | Rob Nahf          | 2016-06-22 16:53 | d1_replication          |
| 6379 | Member Nodes   | MNDeployment | New    | Normal   | ICMBio   | Bruce Wilson      | 2015-11-19 17:21 |                         |
| 6380 | Member Nodes   | Task         | New    | Normal   | ICMBIO: Initial Preparation  |                   | 2015-11-19 17:21 |                         |
| 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 |                         |
| 6392 | Infrastructure | Decision     | New    | Normal   | CN getChecksum REST API design review  | Dave Vieglaiss    | 2014-09-18 17:09 | Requirement             |
| 6394 | Infrastructure | Task         | New    | Normal   | Resolve SSL certificate connection errors for UNM Epscor Tier 4 MN in development                | Chris Jones       | 2014-09-18 18:39 | Support Operations      |
| 6397 | Infrastructure | Task         | New    | Normal   | test that it works from standalone .war  | Rob Nahf          | 2014-10-01 20:34 | MNWebChecker            |
| 6398 | Infrastructure | Task         | New    | Normal   | update MNWebTest operations docs   | Rob Nahf          | 2014-10-01 20:34 | MNWebChecker            |
| 6399 | Infrastructure | Task         | New    | Normal   | set up release practice for the MNWebTester .war   | Rob Nahf          | 2014-10-01 20:34 | MNWebChecker            |
| 6478 | Infrastructure | Task         | New    | Normal   | move mncheck VM to a different VMhost  | Dave Vieglaiss    | 2014-10-01 20:34 | MNWebChecker            |
| 6483 | Infrastructure | Task         | New    | Normal   | DataONE xsede VM at ORC  | Michael Campfield | 2014-10-24 10:54 |                         |
| 6484 | MN Dashboard   | Feature      | New    | Normal   | Provide paging/scrolling on MN table   | Skye Roseboom     | 2015-04-29 22:47 |                         |
| 6499 | Infrastructure | Feature      | New    | Normal   | define and implement addFormat() method  | Rob Nahf          | 2016-06-22 16:51 | Architecture Design     |
| 6511 | Java Client    | Task         | New    | Normal   | remove the deprecated MultipartRequestHandler class from d1_common_java                          | Rob Nahf          | 2015-02-11 20:04 | d1_common_java          |
| 6513 | Infrastructure | Story        | New    | Normal   | Create a Local Cache of all Membernodelog records on the single master CN                        | Dave Vieglaiss    | 2018-01-17 19:49 | d1_log_aggregation      |
| 6514 | Infrastructure | Task         | New    | Normal   | Reharvest all Records to build initial cache   | Robert Waltz      | 2015-01-13 15:56 | d1_log_aggregation      |
| 6542 | Infrastructure | Bug          | New    | Normal   | Unable to add metadata document on mndemo8   |                   | 2014-10-30 16:30 | Environment.Development |
| 6543 | Infrastructure | Story        | New    | Normal   | Support RIF-CS metadata standard   | Dave Vieglaiss    | 2018-01-17 19:46 | Format ID               |
| 6565 | Infrastructure | Task         | New    | Normal   | Configure Jenkins jobs for ezid (ezid-client)  | Rob Nahf          | 2014-12-15 18:36 |                         |
| 6569 | Infrastructure | Task         | New    | Normal   | configure jobs for tag 1.0.1, 1.0.0 and 0.9.0  | Rob Nahf          | 2014-11-14 17:56 |                         |
| 6615 | Infrastructure | Bug          | New    | Normal   | Apt-get doesn't work on mn-sandbox-unm-1   |                   | 2014-11-18 18:45 |                         |
| 6624 | Infrastructure | Task         | New    | Normal   | link Node Identity arch. spec. to OperationDocs Node Reg page                                    |                   | 2014-11-21 20:29 | Documentation           |
| 6679 | Member Nodes   | Task         | New    | Normal   | FTGEN: Join DataONE  |                   | 2014-12-04 20:07 |                         |
| 6680 | Member Nodes   | Task         | New    | Normal   | FTGEN: Scope the implementation  |                   | 2014-12-04 20:07 |                         |
| 6681 | Member Nodes   | Task         | New    | Normal   | FTGEN: Plan the implementation   |                   | 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 |                         |



| #    | Project        | Tracker  | Status | Priority | Subject   | Assignee     | Updated          | Category            |
|------|----------------|----------|--------|----------|---|--------------|------------------|---------------------|
| 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 |                     |
| 6684 | Member Nodes   | Task     | New    | Normal   | FTGEN: Register any new object formats in all environments  |              | 2014-12-04 20:07 |                     |
| 6685 | Member Nodes   | Task     | New    | Normal   | FTGEN: Local Testing  |              | 2014-12-04 20:07 |                     |
| 6686 | Member Nodes   | Task     | New    | Normal   | FTGEN: Establish DataONE user identity in Testing Environment   |              | 2014-12-04 20:07 |                     |
| 6687 | Member Nodes   | Task     | New    | Normal   | FTGEN: Configure SSL Certificates for Testing Environment   |              | 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 |                     |
| 6689 | Member Nodes   | Task     | New    | Normal   | FTGEN: Register MN in Testing Environment   |              | 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 |                     |
| 6691 | Member Nodes   | Task     | New    | Normal   | FTGEN: Check Authentication and Authorization in Testing Environment  |              | 2014-12-04 20:07 |                     |
| 6692 | Member Nodes   | Task     | New    | Normal   | FTGEN: Show MN as "upcoming" on the dashboard   |              | 2014-12-04 20:07 |                     |
| 6693 | Member Nodes   | Task     | New    | Normal   | FTGEN: Establish DataONE user identity in Production  |              | 2014-12-04 20:07 |                     |
| 6694 | Member Nodes   | Task     | New    | Normal   | FTGEN: Configure SSL Certificates for Production  |              | 2014-12-04 20:07 |                     |
| 6695 | Member Nodes   | Task     | New    | Normal   | FTGEN: Verify MN Content and Services in Production   |              | 2014-12-04 20:07 |                     |
| 6696 | Member Nodes   | Task     | New    | Normal   | FTGEN: Register MN in Production  |              | 2014-12-04 20:07 |                     |
| 6697 | Member Nodes   | Task     | New    | Normal   | FTGEN: Verify CN Content and Services in Production   |              | 2014-12-04 20:07 |                     |
| 6698 | Member Nodes   | Task     | New    | Normal   | FTGEN: Check Authentication and Authorization in Production   |              | 2014-12-04 20:07 |                     |
| 6699 | Member Nodes   | Task     | New    | Normal   | FTGEN: Mutual acceptance  |              | 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 |                     |
| 6701 | Member Nodes   | Task     | New    | Normal   | FTGEN: Document and Announce  |              | 2014-12-04 20:07 |                     |
| 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 |                     |
| 6706 | Infrastructure | Task     | New    | Normal   | CN-SANDBOX initiated synchronization with mnTestLTER before node was "approved"                                 | Robert Waltz | 2015-10-09 17:38 | Environment.Sandbox |
| 6748 | Java Client    | Task     | New    | Normal   | Create a factory / builder class for converting versioned types.  |              | 2015-02-11 19:47 |                     |
| 6754 | Infrastructure | Task     | New    | Normal   | Architecture API loose ends   | Dave Viegla  | 2015-01-13 18:54 | Architecture Design |
| 6755 | Python CLI     | Bug      | New    | Normal   | python CLI install instructions fail  | Roger Dahl   | 2018-01-09 02:44 |                     |
| 6759 | DataONE API    | Story    | New    | Normal   | ObjectFormat Management   | Dave Viegla  | 2015-01-19 23:17 |                     |
| 6760 | Infrastructure | Task     | New    | Normal   | rename mnDemo9 node   |              | 2015-01-14 00:44 |                     |
| 6761 | Infrastructure | Task     | New    | Normal   | unregister extraneous nodes in STAGE-2  |              | 2015-01-14 00:49 | Environment.Stage2  |
| 6765 | Java Client    | Bug      | New    | Normal   | jibx-maven-plugin incompatible with Java 8  | Rob Nahf     | 2015-01-19 23:17 |                     |
| 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            |
|------|------------------|--------------|--------|----------|--|----------------|------------------|---------------------|
| 6767 | Python GMN       | Bug          | New    | Normal   | GMN crashes if the replication target is not responding  | Roger Dahl     | 2016-04-14 14:19 |                     |
| 6791 | Infrastructure   | Bug          | New    | Normal   | Building d1_log_aggregation doesn't trigger downstream builds  |                | 2015-01-31 00:32 | Support Operations  |
| 6796 | Python Libraries | Story        | New    | Normal   | Migrate to Python v3   | Roger Dahl     | 2018-01-17 19:43 |                     |
| 6850 | Java Client      | Story        | New    | Normal   | automate Java Client releases  | Rob Nahf       | 2018-01-17 19:42 | d1_libclient_java   |
| 6853 | Member Nodes     | MNDeployment | New    | High     | OBIS (Ocean Biogeographic Information System)  | Laura Moyers   | 2015-11-19 17:46 |                     |
| 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 |                     |
| 6876 | Infrastructure   | Task         | New    | Normal   | Support for ISO 19139 metadata standard  |                | 2015-03-10 17:27 | Format ID           |
| 6877 | Infrastructure   | Task         | New    | Normal   | Support for ISO 19115 metadata standard  |                | 2015-03-10 18:08 | Format ID           |
| 6882 | Infrastructure   | Bug          | New    | Normal   | after CN upgrade togglePortsAndReplication.sh missing  | Robert Waltz   | 2016-01-05 17:54 | d1_cn_buildout      |
| 6883 | Infrastructure   | Story        | New    | Normal   | support for ESRI Shapefile object format   |                | 2018-01-17 19:40 | Format ID           |
| 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 |                     |
| 7032 | MN Dashboard     | Feature      | New    | Normal   | Add anchor to the MN dashboard for "upcoming MNs"  | Skye Roseboom  | 2015-04-09 17:52 |                     |
| 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 |                     |
| 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       |
| 7050 | Member Nodes     | MNDeployment | New    | Normal   | USDA ARS   |                | 2015-04-17 17:27 |                     |
| 7052 | Member Nodes     | MNDeployment | New    | Low      | BaMBa - Brazilian Marine Biodiversity Database   | Laura Moyers   | 2015-11-19 17:03 |                     |
| 7095 | Python GMN       | Story        | New    | Low      | Support HTTP redirect capability for GMN within the Vendor Specific Extension model  | Dave Vieglaiss | 2016-03-25 02:30 |                     |
| 7096 | CN REST          | Task         | New    | Normal   | Unexpectedly closed streams / disconnects on UNM network   | Dave Vieglaiss | 2015-05-12 17:49 |                     |
| 7097 | Infrastructure   | Bug          | New    | Normal   | v1 call to CN.search() yields a NoClassDef exception for boucncycastle   | Rob Nahf       | 2015-05-12 18:46 |                     |
| 7103 | Member Nodes     | Task         | New    | Normal   | Create a new test certificate for mnStagePISCO   | Dave Vieglaiss | 2015-05-14 18:29 |                     |
| 7104 | Infrastructure   | Task         | New    | Normal   | Event index reindexing shouldn't require re-harvest from MNs   |                | 2015-07-09 15:34 | d1_log_aggregation  |
| 7123 | Python Libraries | Task         | New    | Normal   | Send Authorization header carrying authentication token  | Roger Dahl     | 2016-04-21 22:37 | d1_libclient_python |
| 7125 | Python GMN       | Task         | New    | Normal   | Handle Authorization header carrying authentication token  | Roger Dahl     | 2016-04-21 22:37 |                     |
| 7127 | DataONE API      | Task         | New    | Normal   | Finalize CNAuthentication interface  | Dave Vieglaiss | 2015-05-21 19:31 | api_documentation   |
| 7145 | Member Nodes     | MNDeployment | New    | Low      | PlutoF   |                | 2018-04-17 17:26 |                     |
| 7155 | OGC-Slender Node | Task         | New    | Normal   | Design the connector, including sources of key information   | Dave Vieglaiss | 2015-06-05 11:42 |                     |
| 7161 | CN REST          | Bug          | New    | Normal   | TERN object fails to be indexed by Solr, but successfully synchronized   |                | 2015-06-05 18:04 | d1_synchronization  |

| #    | Project          | Tracker      | Status | Priority | Subject   | Assignee       | Updated          | Category |
|------|------------------|--------------|--------|----------|---|----------------|------------------|----------|
| 7162 | Python GMN       | Task         | New    | Low      | Member node does not check with coordinating node before replicating                        |                | 2015-06-05 23:49 |          |
| 7163 | Member Nodes     | MNDeployment | New    | Low      | UN Environmental Programme World Conservation Monitoring Centre (UNEP WCMC)                 | Bruce Wilson   | 2016-04-04 17:17 |          |
| 7166 | OGC-Slender Node | Story        | New    | Normal   | Create ORE document for an NODC data package  | Dave Vieglaiss | 2015-06-08 18:50 |          |
| 7167 | OGC-Slender Node | Task         | New    | Normal   | Generate system metadata for science metadata   | Dave Vieglaiss | 2015-06-08 18:58 |          |
| 7168 | OGC-Slender Node | Task         | New    | Normal   | Generate system metadata for data objects   | Dave Vieglaiss | 2015-06-08 18:59 |          |
| 7169 | OGC-Slender Node | Task         | New    | Normal   | Enable tracking of obsoletes / obsoleted by for data objects                                | Dave Vieglaiss | 2015-06-08 19:01 |          |
| 7170 | OGC-Slender Node | Story        | New    | Normal   | Evaluate the feasibility of extracting provenance information from the journal.txt document | Dave Vieglaiss | 2015-06-08 21:28 |          |

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