

## Issues

| #    | Project        | Tracker      | Status      | Priority  | Subject  | Assignee      | Updated          | Category           |
|------|----------------|--------------|-------------|-----------|--|---------------|------------------|--------------------|
| 4210 | Infrastructure | Task         | Testing     | Immediate | Metacat does not set serialVersion correctly in CNodeService archive() or delete()   | Chris Jones   | 2013-12-20 16:12 | Metacat            |
| 3521 | Member Nodes   | MNDeployment | Operational | Immediate | SEAD Member Node   | Laura Moyers  | 2019-06-05 17:46 |                    |
| 3492 | Infrastructure | Bug          | In Progress | Urgent    | Invalid PIDs in production (whitespace)  | Jing Tao      | 2017-04-27 15:31 | Support Operations |
| 4674 | Infrastructure | Bug          | New         | Urgent    | Ask Judith, Mike and Virgina Perez.2.1 to obsolete those pids which contain the white spaces.  | Jing Tao      | 2017-05-04 18:01 | d1_cn_service      |
| 8696 | Infrastructure | Bug          | New         | Urgent    | double indexing of a resource map and another not processed because of resource contention (lock) on member  | Rob Nahf      | 2018-09-12 00:22 | d1_indexer         |
| 3118 | Member Nodes   | MNDeployment | Operational | Urgent    | Dryad Member Node  | Laura Moyers  | 2019-03-05 18:37 |                    |
| 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 Vieglais | 2010-08-11 00:11 | Requirement        |
| 767  | Requirements   | Requirement  | New         | High      | (Requirement) Users need to be able to express embargo rules for data  | Dave Vieglais | 2010-08-11 00:16 | Requirement        |
| 768  | Requirements   | Requirement  | New         | High      | (Requirement) Need default authz policies that resolve problems associated with inaccessible principals  | Dave Vieglais | 2010-08-11 00:34 | Requirement        |
| 770  | Requirements   | Requirement  | New         | High      | (Requirement) Authorization system should be able to express the pseudo-principal concepts like 'public'   | Dave Vieglais | 2010-08-11 00:41 | Requirement        |
| 772  | Requirements   | Requirement  | New         | High      | (Requirement) Authentication services should be compatible with existing infrastructure and applications   | Dave Vieglais | 2010-08-11 07:54 | Requirement        |
| 795  | Requirements   | Requirement  | New         | High      | (Requirement) System must support revocation of user permissions   | Dave Vieglais | 2010-08-29 20:45 | Requirement        |
| 592  | Requirements   | Requirement  | New         | High      | DataONE needs to synchronize metadata between MNs and CNs  | Robert Waltz  | 2010-09-06 02:28 | d1_cn_service      |
| 762  | Requirements   | Requirement  | New         | High      | (Requirement) User identities can be derived from existing institutional directory services  | Dave Vieglais | 2010-09-06 03:01 | Requirement        |
| 769  | Requirements   | Requirement  | New         | High      | (Requirement) Authorization should support critical roles, such as curators and system administrators  | Dave Vieglais | 2010-09-06 03:02 | Requirement        |
| 761  | Requirements   | Requirement  | New         | High      | (Requirement) Users can specify authorization rules for data objects, science metadata objects, and process artifacts separately                     | Dave Vieglais | 2010-09-06 03:06 | Requirement        |
| 411  | Requirements   | Requirement  | New         | High      | (Requirement) The infrastructure must survive destruction of one or more data storage nodes  | Dave Vieglais | 2010-09-06 03:10 | d1_common_java     |
| 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 Vieglais | 2010-09-06 03:12 | Requirement        |
| 318  | Requirements   | Requirement  | New         | High      | (Requirement) Sponsor required Y1 functionality  | Dave Vieglais | 2010-09-06 03:24 | d1_common_java     |

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| 821  | Requirements   | Requirement  | New         | High     | (Requirement) Sponsor required functionality  | Dave Vieglais  | 2010-09-06 03:28 | d1_common_java    |
| 384  | Requirements   | Requirement  | New         | High     | (Requirement) Enable efficient mechanisms for users to discover content               | Dave Vieglais  | 2010-09-06 03:58 | d1_common_java    |
| 822  | Requirements   | Requirement  | New         | High     | (Requirement) Object access and manipulation should be responsive                     | Dave Vieglais  | 2010-09-06 20:27 | d1_common_java    |
| 393  | Requirements   | Requirement  | New         | High     | (Requirement) Access control rule evaluation must be highly scalable and responsive.  | Dave Vieglais  | 2010-09-06 20:27 | Requirement       |
| 765  | Requirements   | Requirement  | New         | High     | (Requirement) Tools can access an API for authn and authz                             | Dave Vieglais  | 2010-09-06 20:30 | Requirement       |
| 392  | Requirements   | Requirement  | New         | High     | (Requirement) Identity and access control should be interoperable across datanets     | Dave Vieglais  | 2010-09-06 20:31 | Requirement       |
| 764  | Requirements   | Requirement  | New         | High     | (Requirement) Authentication and access control should be consistently available      | Dave Vieglais  | 2010-09-06 20:32 | Requirement       |
| 777  | Requirements   | Requirement  | New         | High     | (Requirement) Authorization rules should support common permission levels             | Dave Vieglais  | 2010-09-06 20:49 | Requirement       |
| 390  | Requirements   | Requirement  | New         | High     | (Requirement) Consistent mechanism for identifying users                              | Dave Vieglais  | 2010-09-06 20:50 | Requirement       |
| 391  | Requirements   | Requirement  | New         | High     | (Requirement) Enable different classes of users commensurate with their roles.        | Dave Vieglais  | 2010-09-06 20:51 | Requirement       |
| 763  | Requirements   | Requirement  | New         | High     | (Requirement) Authentication and authorization services are geographically replicated | Dave Vieglais  | 2010-09-06 20:52 | Requirement       |
| 820  | Requirements   | Requirement  | New         | High     | (Requirement) Common API for authentication and authorization operations              | Dave Vieglais  | 2010-09-06 21:23 | Requirement       |
| 1556 | Infrastructure | Task         | In Progress | High     | Interns mailing list  |                | 2011-05-12 23:02 |                   |
| 3906 | Member Nodes   | Task         | New         | High     | Update malformed Resource Maps  |                | 2013-08-09 17:50 |                   |
| 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 |                   |
| 6853 | Member Nodes   | MNDeployment | New         | High     | OBIS (Ocean Biogeographic Information System)   | Laura Moyers   | 2015-11-19 17:46 |                   |
| 3664 | Member Nodes   | MNDeployment | New         | High     | Landcare Research New Zealand   | Laura Moyers   | 2015-11-19 19:39 |                   |
| 7601 | Infrastructure | Bug          | New         | High     | CN checksum inconsistencies   | Dave Vieglais  | 2016-01-26 19:29 |                   |
| 7651 | Python GMN     | Bug          | New         | High     | GMN returns two different dateSysMetadataModified dateTime stamps for same object     | Roger Dahl     | 2016-04-14 14:17 |                   |
| 7738 | Python GMN     | Bug          | New         | High     | GMN perpetually retries system metadata updates after failures                        | Roger Dahl     | 2016-04-14 14:26 |                   |
| 7740 | Python GMN     | Bug          | New         | High     | GMN fails to write system metadata during a refresh under unknown conditions          | Roger Dahl     | 2016-04-14 14:56 |                   |
| 7686 | Member Nodes   | Task         | Testing     | High     | tDAR - Enable URL links out to data from search results                               | Ben Leinfelder | 2016-09-27 15:56 |                   |
| 7919 | Infrastructure | Bug          | New         | High     | unloadable system metadata in CNs by Hazelcast  |                | 2016-11-01 19:30 | Metacat           |
| 8026 | Infrastructure | Task         | Testing     | High     | Portal reaches the maximum capacity in a pool   | Jing Tao       | 2017-03-14 00:36 | d1_portal_servlet |

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| 8076 | Infrastructure | Bug          | New         | High     | sysmeta can not be retrieved for some objects                             | Dave Viegla   | 2017-04-22 01:54 | dataone-cn-rest-service |
| 8195 | Infrastructure | Bug          | In Progress | High     | Tomcat out of memory error  | Dave Viegla   | 2017-12-26 20:01 |                         |
| 3553 | Member Nodes   | MNDeployment | Operational | High     | PISCO   | Laura Moyers  | 2018-01-10 01:13 |                         |
| 8173 | Infrastructure | Story        | New         | High     | add checks for retrograde systemMetadata changes                          | Jing Tao      | 2018-01-17 18:38 | d1_indexer              |
| 8500 | Infrastructure | Bug          | New         | High     | Geohash not calculated properly   | Jing Tao      | 2018-03-14 17:06 | d1_indexer              |
| 3555 | Member Nodes   | MNDeployment | Operational | High     | SANParks  | Laura Moyers  | 2018-05-09 21:19 |                         |
| 8655 | Infrastructure | Bug          | New         | High     | Synchronization died with OOM   |               | 2018-07-13 11:24 |                         |
| 6548 | Member Nodes   | MNDeployment | Operational | High     | R2R Repository  | Monica Ihli   | 2018-07-26 13:49 |                         |
| 3558 | Member Nodes   | MNDeployment | Operational | High     | CDL Merritt   | Laura Moyers  | 2018-08-23 17:05 |                         |
| 3221 | Member Nodes   | MNDeployment | Operational | High     | EDAC member node  | Amy Forrester | 2018-08-31 15:15 |                         |
| 3554 | Member Nodes   | MNDeployment | Operational | High     | KNB   | Jing Tao      | 2018-08-31 15:16 |                         |
| 3675 | Infrastructure | Bug          | New         | High     | package relationships not available for archived objects                  | Rob Nahf      | 2018-09-21 21:01 | d1_indexer              |
| 8722 | Infrastructure | Bug          | New         | High     | Object in search index but systemmetadata is not available.               | Jing Tao      | 2018-10-03 17:48 |                         |
| 8525 | Infrastructure | Story        | In Progress | High     | timeout exceptions thrown from Hazelcast disable synchronization          | Rob Nahf      | 2018-11-16 17:32 | d1_synchronization      |
| 3232 | Member Nodes   | MNDeployment | Operational | High     | LTER-EUROPE   | Laura Moyers  | 2018-11-21 16:58 |                         |
| 8622 | Member Nodes   | Bug          | New         | High     | IOE repository is not responding  | Amy Forrester | 2019-03-05 20:54 |                         |
| 6544 | Member Nodes   | MNDeployment | Operational | High     | TERN Australia (powered by AEKOS)   | Bruce Wilson  | 2019-05-22 14:21 |                         |
| 8823 | Infrastructure | Story        | New         | High     | Recent Apache and OpenSSL combinations break connectivity on Ubuntu 18.04 | Dave Viegla   | 2019-06-19 02:43 |                         |
| 8824 | Infrastructure | Task         | In Progress | High     | Install Apache 2.4.39 and disable TLSv1.3 on CNs                          | Dave Viegla   | 2019-06-19 12:11 |                         |
| 8829 | Member Nodes   | Task         | New         | High     | get DKAN connected to GMN   | John Evans    | 2019-09-03 13:24 |                         |
| 3238 | Member Nodes   | MNDeployment | Operational | High     | Idaho Northwest Knowledge Network member node                             | Amy Forrester | 2019-10-08 15:14 |                         |
| 3556 | Member Nodes   | MNDeployment | Operational | High     | ESA Data Registry   | Amy Forrester | 2019-10-08 15:28 |                         |
| 6485 | Member Nodes   | MNDeployment | Operational | High     | The Digital Archaeology Record (tDAR)                                     | Laura Moyers  | 2019-10-09 02:24 |                         |
| 8867 | CN REST        | Bug          | New         | High     | CNCore.listChecksumAlgorithms() returns incorrect list                    | Jing Tao      | 2020-08-06 00:06 | d1_cn_rest              |
| 1001 | Infrastructure | Task         | New         | Normal   | Link documentation living with projects into ArchitectureDocs             |               | 2010-10-21 14:55 |                         |
| 995  | Infrastructure | Task         | New         | Normal   | implement JSON formatted OLLs   |               | 2010-10-25 16:45 |                         |
| 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 Viegla   | 2011-01-13 15:16 | d1_mercury              |
| 1234 | Infrastructure | Task         | New         | Normal   | Record performance metrics for member nodes                               |               | 2011-01-15 02:52 |                         |

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| 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 |                               |
| 1333 | Infrastructure | Task    | New         | Normal   | traceInformation -> trace  |                 | 2011-02-09 22:46 |                               |
| 1332 | Infrastructure | Task    | New         | Normal   | Possibly remove MN_crud.update()   |                 | 2011-02-09 22:50 |                               |
| 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 |                               |
| 1035 | Infrastructure | Task    | In Progress | Normal   | Develop reference architecture documents   | Bruce Wilson    | 2011-03-03 19:26 | Documentation                 |
| 1411 | Infrastructure | Task    | New         | Normal   | Vendor Specific Extensions   |                 | 2011-03-08 16:59 |                               |
| 1414 | Infrastructure | Task    | New         | Normal   | How to represent additional Node attributes.   |                 | 2011-03-09 06:16 |                               |
| 1518 | Infrastructure | Task    | New         | Normal   | How to support caching   |                 | 2011-05-04 14:33 |                               |
| 1519 | Infrastructure | Task    | New         | Normal   | HTTP Byte Range Requests   |                 | 2011-05-04 14:34 |                               |
| 1520 | Infrastructure | Task    | New         | Normal   | Stream Output  |                 | 2011-05-04 14:35 |                               |
| 1521 | Infrastructure | Task    | New         | Normal   | Compressed Response  |                 | 2011-05-04 14:35 |                               |
| 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            |
| 1808 | Infrastructure | Task    | New         | Normal   | MNAuthorization.isAuthorized() -> assertAuthorized()   |                 | 2011-10-04 16:08 |                               |
| 1890 | Infrastructure | Task    | New         | Normal   | Comply with Maven Central requirements for publishing artifacts                                      | Matthew Jones   | 2011-10-27 21:39 |                               |
| 925  | Infrastructure | Task    | New         | Normal   | Test for correct response to invalid input: CCI.ITK.FUSE-client                                      |                 | 2011-10-31 20:32 | d1_client_ONEDrive            |
| 2051 | Infrastructure | Task    | New         | Normal   | Use subject instead of NodeRef   |                 | 2011-11-23 18:11 | Documentation                 |
| 2133 | Infrastructure | Task    | New         | Normal   | listObjects() datetime slicing   |                 | 2011-12-12 23:15 |                               |
| 2151 | Infrastructure | Task    | New         | Normal   | Ensuring that cited objects are not deleted  |                 | 2011-12-23 04:20 |                               |
| 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            |
| 2169 | Infrastructure | Task    | In Progress | Normal   | Design content and layout for status page  | Dave Vieglais   | 2012-03-14 20:40 | d1_monitor                    |
| 2492 | Infrastructure | Task    | New         | Normal   | Add status page for given {pid}  | Ben Leinfelder  | 2012-03-15 02:02 | d1_monitor                    |
| 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 Vieglais   | 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                    |
| 2018 | Infrastructure | Task    | New         | Normal   | document DataONE CA operations procedures  | Matthew Jones   | 2012-04-23 17:53 | Support Operations            |

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| 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 |
| 2791 | Infrastructure | Task     | New         | Normal   | verify on dev machines  | Dave Viegla    | 2012-05-21 17:41 | d1_cn_buildout     |
| 2642 | Infrastructure | Task     | In Progress | Normal   | Try installing GMN according to the setup instructions  | Andrew Pippin  | 2012-07-06 16:25 | d1_mn_GMN          |
| 3099 | Infrastructure | Decision | New         | Normal   | ONE-Mercury display of data set citation  | Dave Viegla    | 2012-07-23 21:24 | d1_mercury         |
| 3108 | Infrastructure | Task     | New         | Normal   | lastHarvested date is always equal to the current time.   | Dave Viegla    | 2012-07-30 22:11 |                    |
| 3109 | Infrastructure | Task     | In Progress | Normal   | PISCO/LTER revision history with SBC documents  | Ben Leinfelder | 2012-07-31 01:34 |                    |
| 3114 | Infrastructure | Task     | In Progress | Normal   | Release D1_CLIENT_CLI and prepare for version 2   | Andrew Pippin  | 2012-08-02 17:27 |                    |
| 3115 | Infrastructure | Task     | New         | Normal   | Get R client into working state.  | Andrew Pippin  | 2012-08-02 17:32 |                    |
| 3046 | Infrastructure | Task     | In Progress | Normal   | Create utility to update ORE maps with invalid date formats   | Ben Leinfelder | 2012-08-14 23:41 |                    |
| 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 |                    |
| 3177 | Member Nodes   | Task     | New         | Normal   | Contact operators   | Matthew Jones  | 2012-09-05 01:46 |                    |
| 3185 | Member Nodes   | Task     | In Progress | Normal   | Make initial contact with FRAMES for participation as a MN  | Dave Viegla    | 2012-09-05 02:12 |                    |
| 3216 | Member Nodes   | Task     | New         | Normal   | Contact GEO BON for possible MN   | Matthew Jones  | 2012-09-05 03:29 |                    |
| 3260 | Member Nodes   | Task     | New         | Normal   | Scope out the implementation of a CitSci.org MN   | Bruce Wilson   | 2012-09-20 20:51 |                    |
| 3175 | Infrastructure | Task     | New         | Normal   | Include dataoneTypes.xsd in Metacat registered schemas  | Chris Jones    | 2012-10-05 14:23 | Metacat            |
| 2896 | Infrastructure | Task     | New         | Normal   | Modify the admin DN in createObjectformat script per environment                                    | Chris Jones    | 2012-10-05 14:23 | d1_cn_buildout     |
| 3313 | Infrastructure | Task     | New         | Normal   | Configure indexer to handle inline eml data   | Skye Roseboom  | 2012-10-08 21:01 | d1_indexer         |
| 907  | Infrastructure | Task     | In Progress | Normal   | unify d1_integration for multiple environments and test languages                                   | Rob Nahf       | 2012-10-16 21:34 | d1_integration     |
| 3328 | Infrastructure | Task     | New         | Normal   | Enable a data preview from the search results page  | Chris Jones    | 2012-10-23 19:34 | d1_mercury         |
| 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 |                    |
| 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 Viegla    | 2012-12-01 18:33 |                    |
| 3380 | Infrastructure | Task     | New         | Normal   | Upgrade d1_client_hzpeek to Hazelcast 2.x   | Dave Viegla    | 2012-12-12 16:50 |                    |
| 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            |

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| 3438 | Infrastructure | Task         | New         | Normal   | Evaluate utility of schema.org  |                  | 2012-12-21 16:15 | Documentation          |
| 3067 | Infrastructure | Task         | New         | Normal   | Old DAAC PIDs to archive  | Dave Viegla      | 2013-01-02 14:14 | mn.Mercury             |
| 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          |
| 3465 | Infrastructure | Task         | New         | Normal   | Improve Metacat listObject slicing  | Ben Leinfelder   | 2013-01-08 18:54 | Metacat                |
| 3210 | Member Nodes   | Task         | New         | Normal   | Collect application metadata for the AKN member node  | Ben Leinfelder   | 2013-01-08 19:23 |                        |
| 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 |                        |
| 3512 | Infrastructure | Task         | New         | Normal   | Issue production client certificates for mn-{ucsb orc unm}-2.dataone.org replica target nodes | Dave Viegla      | 2013-01-23 16:34 | Environment.Production |
| 3518 | Member Nodes   | Task         | New         | Normal   | Arctos: New MN discussion   | Dave Viegla      | 2013-01-25 18:27 |                        |
| 3236 | Member Nodes   | MNDeployment | New         | Normal   | UCNRS member node   | Mark Schildhauer | 2013-01-30 20:59 |                        |
| 3181 | Member Nodes   | Task         | New         | Normal   | Contact PFRP as potential MN  | Matthew Jones    | 2013-01-30 21:00 |                        |
| 3535 | Member Nodes   | Task         | New         | Normal   | Contact LITS prospect MN to scope out prospects   | Matthew Jones    | 2013-01-30 21:15 |                        |
| 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             |
| 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 |                        |
| 3419 | Infrastructure | Task         | In Progress | Normal   | CNRead.describe() does not return Content-Length header                                       | Chris Jones      | 2013-02-21 18:41 | Metacat                |
| 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                |
| 3142 | Infrastructure | Task         | New         | Normal   | Need a new local search mechanism   |                  | 2013-03-02 05:15 |                        |
| 3082 | Infrastructure | Task         | New         | Normal   | Morpho should not rely on CN for any critical features  |                  | 2013-03-02 05:26 | Morpho                 |
| 3080 | Infrastructure | Task         | New         | Normal   | Calling Dataone client library in morpho  |                  | 2013-03-02 05:28 |                        |
| 3076 | Infrastructure | Task         | New         | Normal   | Allow user to specify Morpho storage directory  |                  | 2013-03-02 05:29 | Morpho                 |
| 3624 | Infrastructure | Task         | Testing     | Normal   | Update CN index processing to support ESRI FGDC metadata format                               | Skye Roseboom    | 2013-03-05 23:27 | d1_indexer             |
| 3612 | Infrastructure | Task         | New         | Normal   | CN SystemMetadata has incomplete obsoletedBy information                                      | Ben Leinfelder   | 2013-03-08 17:43 | Environment.Production |
| 3635 | Infrastructure | Task         | New         | Normal   | Phase two Morpho implementation   | Ben Leinfelder   | 2013-03-25 22:49 |                        |

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|------|----------------|--------------|-------------|----------|---|---------------------|------------------|-------------------------------|
| 3757 | Infrastructure | Task         | New         | Normal   | Verify Log reporting in MN Tester   | Rob Nahf            | 2013-05-10 17:42 | d1_integration                |
| 3768 | Infrastructure | Task         | New         | Normal   | Add canonical DataONE description paper to citing DataONE web-page  | Amber Budden        | 2013-05-16 22:20 | Community Engagement          |
| 3610 | Infrastructure | Task         | In Progress | Normal   | Include ESRI-specific FGDC metadata schema in object format list  | Chris Jones         | 2013-07-03 00:23 | Environment.Production        |
| 3868 | Member Nodes   | Task         | In Progress | Normal   | Verify TFRI node is running NTP   | Ben Leinfelder      | 2013-08-05 17:25 |                               |
| 3891 | Infrastructure | Task         | New         | Normal   | review vulnerability to BREACH attacks  | Dave Viegla         | 2013-08-07 15:01 | Authentication, Authorization |
| 3901 | Infrastructure | Task         | New         | Normal   | Review Mozilla Persona as an alternative for identity management  | Dave Viegla         | 2013-08-09 11:57 | Documentation                 |
| 3907 | Infrastructure | Task         | New         | Normal   | MN Integration Test - verify system metadata returned matches expected                                    | Rob Nahf            | 2013-08-09 18:48 | d1_integration                |
| 3198 | Member Nodes   | Task         | New         | Normal   | Initial contact for the USGS MN   | Mike Frame          | 2013-08-23 13:07 |                               |
| 3905 | Infrastructure | Task         | In Progress | Normal   | Sort out shell logins for splunk system   | Bruce Wilson        | 2013-08-23 13:27 | Support Operations            |
| 3974 | Infrastructure | Task         | New         | Normal   | Complete agenda for meeting   | Dave Viegla         | 2013-09-11 20:59 |                               |
| 3864 | Infrastructure | Task         | In Progress | Normal   | Release CCI 1.2.1 Features  | Chris Jones         | 2013-09-12 20:04 | Environment.Production        |
| 3980 | Member Nodes   | Task         | New         | Normal   | Missing content   | Chris Jones         | 2013-09-25 21:48 |                               |
| 3994 | Member Nodes   | Task         | New         | Normal   | Stories and bugs are showing up in the MN Dashboard; should be restricted to MNDeployment trackers        | Dave Viegla         | 2013-09-26 23:34 |                               |
| 3989 | Member Nodes   | Task         | New         | Normal   | USGS Clearinghouse resource maps have discrepancies with CN   | Ranjeet Devarakonda | 2013-09-26 23:34 |                               |
| 3220 | Member Nodes   | Task         | In Progress | Normal   | contact iEcolab to determine possible MN role   | Ben Leinfelder      | 2013-10-01 17:53 |                               |
| 4052 | Infrastructure | Story        | In Progress | Normal   | OPeNDAP MN Story  |                     | 2013-10-06 20:07 | mn.OPeNDAP                    |
| 4053 | Infrastructure | Task         | In Progress | Normal   | Architect OPeNDAP MN  | Dave Viegla         | 2013-10-06 20:11 | mn.OPeNDAP                    |
| 4059 | Infrastructure | Task         | New         | Normal   | Add test to verify node is reporting correct nodeId in log records  | Rob Nahf            | 2013-10-07 19:10 |                               |
| 4091 | Infrastructure | Story        | New         | Normal   | ESRI GeoPortal MN stack   |                     | 2013-10-15 13:36 |                               |
| 3200 | Member Nodes   | Task         | New         | Normal   | Make initial contact with USGS-NWRC   | Mike Frame          | 2013-10-24 15:23 |                               |
| 4046 | Member Nodes   | Task         | In Progress | Normal   | Laura to check with Mike re USGS-NWRC planning  | Laura Moyers        | 2013-11-03 21:43 |                               |
| 3686 | Member Nodes   | MNDeployment | Deferred    | Normal   | Movebank for Animal Tracking Data   | Laura Moyers        | 2013-12-05 19:31 |                               |
| 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        |
| 3212 | Member Nodes   | Task         | New         | Normal   | Collect metadata for the Taiwan TERN member node  | Matthew Jones       | 2014-02-20 21:58 |                               |
| 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 |                               |
| 3211 | Member Nodes   | MNDeployment | New         | Normal   | Taiwan Ecological Research Network member node  | Ben Leinfelder      | 2014-02-20 21:58 |                               |

| #    | Project        | Tracker      | Status      | Priority | Subject   | Assignee       | Updated          | Category               |
|------|----------------|--------------|-------------|----------|---|----------------|------------------|------------------------|
| 3488 | Infrastructure | Task         | New         | Normal   | Create custom merge policy to support managing data/information inconsistency                                   | Chris Jones    | 2014-03-14 17:27 | Metacat                |
| 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 |                        |
| 3308 | Infrastructure | Task         | New         | Normal   | Document the process for removing content contributed from a specific member node and/or the entire member node | Dave Viegla    | 2014-03-14 18:29 | Support Operations     |
| 3537 | Member Nodes   | Task         | New         | Normal   | Contact followup on Citsci.org MN prospect  | Laura Moyers   | 2014-03-28 18:03 |                        |
| 3978 | Infrastructure | Task         | In Progress | Normal   | Add a CN reporting script that summarizes spatial data for the dashboard  | Chris Jones    | 2014-03-31 17:41 | d1_dashboard           |
| 4120 | Infrastructure | Task         | New         | Normal   | Display total data downloads in the SummaryView header  | Skye Roseboom  | 2014-03-31 17:41 | d1_dashboard           |
| 4136 | Infrastructure | Task         | In Progress | Normal   | Make cosmetic changes to the distribution map   | Chris Jones    | 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           |
| 4147 | Infrastructure | Task         | In Progress | Normal   | Modify d1_spatial_reporter.py to produce custom JSON output   | Chris Brumgard | 2014-03-31 17:41 | d1_cn_tools            |
| 4704 | Infrastructure | Task         | New         | Normal   | Create a view of MN holdings from a CN perspective  | Dave Viegla    | 2014-04-09 15:33 |                        |
| 5122 | Member Nodes   | Task         | New         | Normal   | Verify/update information in TFR's node registration  | Chris Jones    | 2014-04-18 16:51 |                        |
| 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 |                        |
| 5137 | Infrastructure | Task         | New         | Normal   | Fix DataONE CA chain file location in cn-buildout   | Chris Jones    | 2014-04-25 15:06 | d1_cn_buildout         |
| 5121 | Member Nodes   | Task         | New         | Normal   | Fix DryadDataFile instance documents with no dcterms:creator element  | Chris Jones    | 2014-04-30 19:25 |                        |
| 5136 | Infrastructure | Task         | New         | Normal   | Change DNS settings on all DataONE VMs  | Chris Jones    | 2014-05-08 03:16 | Environment.Production |
| 3180 | Member Nodes   | MNDeployment | Deferred    | Normal   | PFRP - Pelagic Fisheries Research Program   | Matthew Jones  | 2014-05-29 19:25 |                        |
| 5454 | Member Nodes   | Task         | New         | Normal   | Evaluate dataverse potential MN   | Bruce Wilson   | 2014-05-29 19:30 |                        |
| 4045 | Member Nodes   | Task         | In Progress | Normal   | Conversation with Laura/Mike re USGS ScienceBase planning   | Laura Moyers   | 2014-05-30 19:45 |                        |
| 5449 | Member Nodes   | Task         | In Progress | Normal   | Resolve resource map issues for LTER-Europe   | Chris Jones    | 2014-06-20 17:59 |                        |
| 5988 | Infrastructure | Task         | New         | Normal   | Determine cause of ldap "server not responding" errors between prod CNs   | Jing Tao       | 2014-07-22 23:18 | Hardware               |
| 4098 | Infrastructure | Task         | New         | Normal   | Synchronization should allow valid replicas held by MNs to set obsoletedBy and archive flags                    | Dave Viegla    | 2014-07-31 22:23 | d1_synchronization     |
| 6026 | Infrastructure | Task         | In Progress | Normal   | d1_common CCI 2.0 support   | Roger Dahl     | 2014-08-01 15:49 | d1_common_python       |
| 6025 | Infrastructure | Task         | In Progress | Normal   | Implement support for CCI v2.0 in Python stack  | Roger Dahl     | 2014-08-01 15:49 |                        |
| 6033 | Infrastructure | Task         | In Progress | Normal   | d1_libclient_python CCI 2.0 support   | Roger Dahl     | 2014-08-11 16:22 | d1_libclient_python    |
| 6034 | Infrastructure | Task         | In Progress | Normal   | d1_client_cli CCI 2.0 support   | Roger Dahl     | 2014-08-11 16:23 | d1_client_cli          |



| #    | Project        | Tracker  | Status      | Priority | Subject   | Assignee      | Updated          | Category                |
|------|----------------|----------|-------------|----------|---|---------------|------------------|-------------------------|
| 6067 | Infrastructure | Decision | New         | Normal   | Should we configure Dependency Analyzer Plugin in Jenkins?  | Robert Waltz  | 2014-08-22 03:58 | Environment.Development |
| 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           |
| 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           |
| 6367 | Infrastructure | Task     | New         | Normal   | Update drive firmware on P2-1 UCSB SAN Array  | Nick Outin    | 2014-09-08 20:19 | Hardware                |
| 2585 | Infrastructure | Task     | In Progress | Normal   | Update Use Case 09  | Skye Roseboom | 2014-09-11 15:47 | d1_replication          |
| 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 Viegla   | 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      |
| 4675 | Infrastructure | Task     | New         | Normal   | Administratively delete those pids with the white spaces  |               | 2014-09-24 18:09 |                         |
| 4717 | Infrastructure | Task     | New         | Normal   | refresh client certificate for mn-unm-2.dataone.org   |               | 2014-09-24 18:14 |                         |
| 4714 | Infrastructure | Task     | In Progress | Normal   | Refresh client certificate for MN urn:node:TFRI   | Chris Jones   | 2014-09-24 18:14 | Environment.Production  |
| 4715 | Infrastructure | Task     | In Progress | Normal   | Refresh client certificate for urn:node:CLOAKN  | Chris Jones   | 2014-09-24 18:14 |                         |
| 4716 | Infrastructure | Task     | In Progress | Normal   | refresh client certificate for urn:node:DRYAD   | Chris Jones   | 2014-09-24 18:14 | Environment.Production  |
| 4719 | Infrastructure | Task     | In Progress | Normal   | Replace CN client certificate   | Chris Jones   | 2014-09-24 18:14 | Environment.Production  |
| 4713 | Infrastructure | Task     | New         | Normal   | replace SSL cert fo cn-orc-1.dataone.org  |               | 2014-09-24 18:14 |                         |
| 4712 | Infrastructure | Task     | New         | Normal   | replace SSL cert for cn-ucsb-1.dataone.org  |               | 2014-09-24 18:14 |                         |
| 4711 | Infrastructure | Task     | New         | Normal   | replace SSL Certs for cn-unm-1.dataone.org  |               | 2014-09-24 18:14 |                         |
| 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      |
| 3895 | Infrastructure | Task     | New         | Normal   | Can we add bugs to a task in a story?   |               | 2014-09-24 18:27 |                         |
| 3063 | Infrastructure | Task     | New         | Normal   | Change Mutability of Metadata documentation   | Dave Viegla   | 2014-09-24 18:27 | Documentation           |
| 2688 | Infrastructure | Task     | New         | Normal   | Develop guidelines for how Subject entries are handled - creation, normalization, comparison                  | Dave Viegla   | 2014-09-24 18:27 | Documentation           |
| 3332 | Infrastructure | Task     | In Progress | Normal   | Revise use cases and add sample code  | Dave Viegla   | 2014-09-24 18:27 | Documentation           |
| 3894 | Infrastructure | Task     | New         | Normal   | This task contains all the bugs related to the story  |               | 2014-09-24 18:27 |                         |

| #    | Project        | Tracker | Status      | Priority | Subject  | Assignee       | Updated          | Category               |
|------|----------------|---------|-------------|----------|--|----------------|------------------|------------------------|
| 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          |
| 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          |
| 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     |
| 3810 | Infrastructure | Task    | New         | Normal   | Identify and setup location for user oriented operational docs   | Dave Vieglaiss | 2014-09-24 18:27 | Support Operations     |
| 4192 | Infrastructure | Task    | In Progress | Normal   | Notify MN implementations of the discrepancy in exception definition                                       | Dave Vieglaiss | 2014-09-24 18:28 | Management             |
| 4190 | Infrastructure | Task    | New         | Normal   | Update architecture docs to import dataoneErrors.xsd   | Dave Vieglaiss | 2014-09-24 18:28 | Documentation          |
| 2035 | Infrastructure | Task    | New         | Normal   | Design nagios system for monitoring CN locations   | Nick Outin     | 2014-09-24 18:29 | d1_monitor             |
| 2033 | Infrastructure | Task    | New         | Normal   | Document hardware / CN administrators and their contact info   | Dave Vieglaiss | 2014-09-24 18:29 | Management             |
| 2031 | Infrastructure | Task    | New         | Normal   | Document the structure and interconnections of VM host hardware at UCSB                                    | Nick Outin     | 2014-09-24 18:29 | Hardware               |
| 2030 | Infrastructure | Task    | New         | Normal   | Document the structure and interconnections of VM host hardware at UNM                                     | Dave Vieglaiss | 2014-09-24 18:29 | Hardware               |
| 2028 | Infrastructure | Task    | New         | Normal   | Document VM specifications for CNs   | Dave Vieglaiss | 2014-09-24 18:29 | Management             |
| 2029 | Infrastructure | Task    | New         | Normal   | Document VM specifications for replication MNs   | Dave Vieglaiss | 2014-09-24 18:29 | Management             |
| 4211 | Infrastructure | Bug     | New         | Normal   | Potential race condition between archive and replication   | Chris Jones    | 2014-09-25 17:19 | d1_cn_service          |
| 6041 | Infrastructure | Bug     | New         | Normal   | obsoletedBy field serialized with newline after pid  | Robert Waltz   | 2014-09-25 17:36 |                        |
| 5145 | Infrastructure | Feature | New         | Normal   | Consider including cert subject(s) in NotAuthorized exceptions   | Chris Jones    | 2014-09-25 17:44 | d1_cn_service          |
| 6396 | Infrastructure | Task    | In Progress | Normal   | embed jetty server in d1_integration to run WebTests locally   | 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           |
| 6399 | Infrastructure | Task    | New         | Normal   | set up release practice for the MNWebTester .war   | Rob Nahf       | 2014-10-01 20:34 | MNWebChecker           |
| 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           |
| 6069 | Infrastructure | Story   | New         | Normal   | open ask.dataone.org sign-in to community  | Dave Vieglaiss | 2014-10-01 20:39 | Documentation          |
| 1159 | Infrastructure | Task    | In Progress | Normal   | Add description of Group creation and management to design specs.  | Matthew Jones  | 2014-10-01 20:47 |                        |
| 1527 | Infrastructure | Task    | New         | Normal   | Allow AccessPolicy to be set for groups  | Matthew Jones  | 2014-10-01 20:47 |                        |

| #    | Project        | Tracker | Status      | Priority | Subject  | Assignee      | Updated          | Category                      |
|------|----------------|---------|-------------|----------|--|---------------|------------------|-------------------------------|
| 1481 | Infrastructure | Task    | New         | Normal   | Clarify spec that groups can own objects   | Matthew Jones | 2014-10-01 20:47 |                               |
| 1485 | Infrastructure | Task    | New         | Normal   | Clean up authn requirements listing  | Matthew Jones | 2014-10-01 20:47 |                               |
| 1467 | Infrastructure | Task    | In Progress | Normal   | Complete d1_schema changes for Authz and Authn.                                  | Matthew Jones | 2014-10-01 20:47 | Documentation                 |
| 2664 | Infrastructure | Task    | New         | Normal   | Create documentation for how transitivity is enacted for authorization           | Matthew Jones | 2014-10-01 20:47 | Authentication, Authorization |
| 1494 | Infrastructure | Task    | New         | Normal   | Create sequence diagrams for Authentication services.                            | Matthew Jones | 2014-10-01 20:47 |                               |
| 1484 | Infrastructure | Task    | New         | Normal   | Decide on format for Principals  | Matthew Jones | 2014-10-01 20:47 |                               |
| 1471 | Infrastructure | Task    | New         | Normal   | Define implicit curator role at Member Nodes.                                    | Matthew Jones | 2014-10-01 20:47 |                               |
| 1073 | Infrastructure | Task    | New         | Normal   | Design client application authentication redirection approach                    | Matthew Jones | 2014-10-01 20:47 | d1_identity_manager           |
| 1482 | Infrastructure | Task    | New         | Normal   | Design mechanism to collapse two accounts into one                               | Matthew Jones | 2014-10-01 20:47 |                               |
| 1474 | Infrastructure | Task    | New         | Normal   | Design verification process for new accounts                                     | 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 |                               |
| 1502 | Infrastructure | Task    | New         | Normal   | Fix hierarchy of permission levels.  | Matthew Jones | 2014-10-01 20:47 | Documentation                 |
| 1061 | Infrastructure | Task    | In Progress | Normal   | Identify approach to IdentityMapping   | 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 |                               |
| 1047 | Infrastructure | Task    | In Progress | Normal   | Write Authentication system specification  | Matthew Jones | 2014-10-01 20:47 |                               |
| 1048 | Infrastructure | Task    | In Progress | Normal   | Write authorization system specification   | Matthew Jones | 2014-10-01 20:47 |                               |
| 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 |                               |
| 4038 | Infrastructure | Feature | New         | Normal   | change default replication implementation  | Matthew Jones | 2014-10-01 21:26 | d1_replication                |
| 2956 | Infrastructure | Task    | In Progress | Normal   | content-checking tests for MNs entering an environment                           | Rob Nahf      | 2014-10-01 22:04 | d1_integration                |
| 3925 | Infrastructure | Task    | New         | Normal   | navigate through the ResourceMap confirm existence of identifiers on the MN      | Rob Nahf      | 2014-10-01 22:04 | MNWebChecker                  |
| 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                  |
| 2411 | Infrastructure | Bug     | In Progress | Normal   | knb MNs and CNs allow self-signed certificates to connect                        | Chris Jones   | 2014-10-01 22:22 | Environment.Development       |
| 3572 | Infrastructure | Bug     | New         | Normal   | LDAP not updated for Node when synchronized set to true                          | Robert Waltz  | 2014-10-01 22:56 | d1_cn_node_registry           |
| 1873 | Infrastructure | Feature | New         | Normal   | Postprocessing tool for log reporting  |               | 2014-10-02 17:06 | d1_log_aggregation            |
| 3807 | Infrastructure | Task    | New         | Normal   | Add documentation for Types.QueryEngineDescription                               | Dave Vieglais | 2014-10-02 17:21 | Documentation                 |
| 4102 | Infrastructure | Task    | New         | Normal   | Add expiration policy for CNCORE.reserveIdentifier()                             | Dave Vieglais | 2014-10-02 17:21 | Documentation                 |
| 2464 | Infrastructure | Task    | New         | Normal   | Authentication - no space after comma in subjects                                | Dave Vieglais | 2014-10-02 17:21 | Documentation                 |
| 2466 | Infrastructure | Task    | New         | Normal   | Authentication - Remove references to Principal                                  | Dave Vieglais | 2014-10-02 17:21 | Documentation                 |
| 2465 | Infrastructure | Task    | New         | Normal   | Authentication - Remove TODO about selecting format for principal name           | Dave Vieglais | 2014-10-02 17:21 | Documentation                 |

| #    | Project        | Tracker | Status  | Priority | Subject   | Assignee      | Updated          | Category      |
|------|----------------|---------|---------|----------|---|---------------|------------------|---------------|
| 4722 | Infrastructure | Task    | New     | Normal   | Clarify permissions for CN  | Dave Vieglais | 2014-10-02 17:21 |               |
| 2342 | Infrastructure | Task    | New     | Normal   | CNCore.reserveldentifier() - Update REST description  | Dave Vieglais | 2014-10-02 17:21 | Documentation |
| 3314 | Infrastructure | Task    | New     | Normal   | CNRead.getQueryEngineDescription() - REST URL   | Dave Vieglais | 2014-10-02 17:21 | Documentation |
| 3315 | Infrastructure | Task    | New     | Normal   | CNRead.query() - POST in addition to GET  | Dave Vieglais | 2014-10-02 17:21 | Documentation |
| 2394 | Infrastructure | Task    | New     | Normal   | CNRead.search() - solr / SOLR   | Dave Vieglais | 2014-10-02 17:21 | Documentation |
| 2131 | Infrastructure | Task    | New     | Normal   | CNRegister.updateNodeCapabilities() - nodeid -> nodeId  | Dave Vieglais | 2014-10-02 17:21 |               |
| 2054 | Infrastructure | Task    | New     | Normal   | CNReplication.setReplicationPolicy(),<br>updateReplicationMetadata()                          | Dave Vieglais | 2014-10-02 17:21 | Documentation |
| 2053 | Infrastructure | Task    | New     | Normal   | CNReplication.setReplicationStatus() - Add info about<br>serialVersion                        |               | 2014-10-02 17:21 |               |
| 2475 | Infrastructure | Task    | New     | Normal   | CNReplication.setReplicationStatus() - How to represent<br>null                               | Dave Vieglais | 2014-10-02 17:21 | Documentation |
| 2660 | Infrastructure | Task    | New     | Normal   | Deciding on a key size for D1 certs   | Dave Vieglais | 2014-10-02 17:21 | Documentation |
| 2123 | Infrastructure | Task    | New     | Normal   | Description of serialVersion  | Dave Vieglais | 2014-10-02 17:21 | Documentation |
| 6167 | Infrastructure | Task    | New     | Normal   | Docs for CNRead.search() say "SOLR" in capital but actual<br>API expects "solr" in lower case | Dave Vieglais | 2014-10-02 17:21 | Documentation |
| 2794 | Infrastructure | Task    | New     | Normal   | Exceptions: Remove unsupported exception serializations<br>and add "header serialization"     | Dave Vieglais | 2014-10-02 17:21 | Documentation |
| 2793 | Infrastructure | Task    | New     | Normal   | MNRead.describe() - Document special requirement of<br>returning D1 exceptions in header      | Dave Vieglais | 2014-10-02 17:21 | Documentation |
| 4723 | Infrastructure | Task    | New     | Normal   | MN recognition of CN  | Dave Vieglais | 2014-10-02 17:21 |               |
| 2646 | Infrastructure | Task    | New     | Normal   | MNReplication.getReplica() - Add information about<br>CNReplication.isNodeAuthorized()        | Dave Vieglais | 2014-10-02 17:21 | Documentation |
| 2142 | Infrastructure | Task    | New     | Normal   | MNReplication.getReplica() - include PID in signature   | Dave Vieglais | 2014-10-02 17:21 | Documentation |
| 2826 | Infrastructure | Task    | New     | Normal   | MNStorage.archive() - Permissions   | Dave Vieglais | 2014-10-02 17:21 | Documentation |
| 2508 | Infrastructure | Task    | New     | Normal   | MNStorage.delete(), MNStorage.update() - Action must be<br>denied for replicas.               | Dave Vieglais | 2014-10-02 17:21 | Documentation |
| 2809 | Infrastructure | Task    | New     | Normal   | MNStorage.update() - Make behavior explicit   | Dave Vieglais | 2014-10-02 17:21 | Documentation |
| 3598 | Infrastructure | Task    | New     | Normal   | Node document subject description is a bit unclear  | Dave Vieglais | 2014-10-02 17:21 | Documentation |
| 5531 | Infrastructure | Task    | Testing | Normal   | Provide overview of replication process for MN<br>implementors                                | Matthew Jones | 2014-10-02 17:21 | Documentation |
| 2810 | Infrastructure | Task    | New     | Normal   | setReplicationStatus() example rwt state transition is<br>incorrect                           | 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 |
| 2083 | Infrastructure | Task    | New     | Normal   | Split the CN API into public and private sections   | Dave Vieglais | 2014-10-02 17:21 | Documentation |
| 2172 | Infrastructure | Task    | New     | Normal   | Types.DateTime: Example serialization without TZ<br>designator                                | Dave Vieglais | 2014-10-02 17:21 | Documentation |

| #    | Project        | Tracker | Status      | Priority | Subject   | Assignee            | Updated          | Category                |
|------|----------------|---------|-------------|----------|---|---------------------|------------------|-------------------------|
| 1961 | Infrastructure | Task    | New         | Normal   | Types.ErrorMessage - does not exist   | Dave Viegla         | 2014-10-02 17:21 | Documentation           |
| 1983 | Infrastructure | Task    | New         | Normal   | UC04 describes MNCORE.ping() with discovery capability  | Dave Viegla         | 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 Viegla         | 2014-10-02 17:21 | Documentation           |
| 1762 | Infrastructure | Task    | New         | Normal   | Sketch CN components and associations   | Dave Viegla         | 2014-10-02 17:40 |                         |
| 2540 | Infrastructure | Feature | In Progress | Normal   | add generateIdentifier() method to MNStorage API  | Dave Viegla         | 2014-10-02 17:54 | Documentation           |
| 2545 | Infrastructure | Task    | New         | Normal   | create d1_integration tests using for MN.generateIdentifier   | Rob Nahf            | 2014-10-02 17:54 | d1_integration          |
| 3122 | Infrastructure | Bug     | In Progress | Normal   | asterisk in search term   | Skye Roseboom       | 2014-10-02 18:02 | d1_mercury              |
| 5582 | Infrastructure | Bug     | New         | Normal   | xinetd not supported via debian install   | Robert Waltz        | 2014-10-02 19:27 | d1_cn_buildout          |
| 4051 | Infrastructure | Feature | New         | Normal   | MN Stack supporting Fedora Commons  |                     | 2014-10-02 21:39 | mn.Fedora               |
| 6483 | Infrastructure | Task    | New         | Normal   | DataONE xsede VM at ORC   | Michael Campfield   | 2014-10-24 10:54 |                         |
| 6542 | Infrastructure | Bug     | New         | Normal   | Unable to add metadata document on mndemo8  |                     | 2014-10-30 16:30 | Environment.Development |
| 4246 | Infrastructure | Task    | In Progress | Normal   | Determine why cn-stage-ucsb-1 LDAP syncrepl is failing  | Michael Campfield   | 2014-10-31 17:42 | Environment.Stage1      |
| 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  |
| 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           |
| 6048 | Member Nodes   | Task    | New         | Normal   | Fix 404 NotFound errors on the EDORA MN   | Jim Green           | 2014-11-24 14:57 |                         |
| 6053 | Member Nodes   | Task    | In Progress | Normal   | Update science metadata files to include ORNL schema type   | Ranjeet Devarakonda | 2014-11-24 14:57 |                         |
| 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 |                         |
| 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 |                         |

| #    | Project        | Tracker  | Status | Priority | Subject   | Assignee       | Updated          | Category            |
|------|----------------|----------|--------|----------|---|----------------|------------------|---------------------|
| 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 |                     |
| 6565 | Infrastructure | Task     | New    | Normal   | Configure Jenkins jobs for ezid (ezid-client)   | Rob Nahf       | 2014-12-15 18:36 |                     |
| 6044 | Infrastructure | Bug      | New    | Normal   | Indexer needs port 5432 open to localhost during postinst   | Robert Waltz   | 2015-01-06 18:17 | d1_cn_buildout      |
| 3700 | Infrastructure | Bug      | New    | Normal   | MNodeService.replicate will not request new object if existing on MN                                | Chris Jones    | 2015-01-06 19:43 | Metacat             |
| 6514 | Infrastructure | Task     | New    | Normal   | Reharvest all Records to build initial cache  | Robert Waltz   | 2015-01-13 15:56 | d1_log_aggregation  |
| 6754 | Infrastructure | Task     | New    | Normal   | Architecture API loose ends   | Dave Vieglais  | 2015-01-13 18:54 | Architecture Design |
| 3643 | Infrastructure | Task     | New    | Normal   | Decide on future of stage-2 environment   | Robert Waltz   | 2015-01-14 00:41 |                     |
| 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  |
| 3658 | DataONE API    | Bug      | New    | Normal   | Deleting objects breaks obsoletes chain traversal   | Chris Jones    | 2015-01-19 22:29 |                     |
| 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 |                     |
| 2168 | CN REST        | Task     | New    | Normal   | Design UI for identity validation   | Ben Leinfelder | 2015-01-19 22:59 |                     |

| #    | Project        | Tracker | Status      | Priority | Subject   | Assignee       | Updated          | Category           |
|------|----------------|---------|-------------|----------|---|----------------|------------------|--------------------|
| 1479 | CN REST        | Task    | In Progress | Normal   | Design web UI for validating newly created identities   | Ben Leinfelder | 2015-01-19 22:59 |                    |
| 5739 | CN REST        | Bug     | New         | Normal   | LDAP upgrades fail with purge of dataone-cn-os-core   | Robert Waltz   | 2015-01-19 23:05 |                    |
| 1412 | CN REST        | Task    | New         | Normal   | MN health check performed by CN   | Robert Waltz   | 2015-01-19 23:06 |                    |
| 1442 | DataONE API    | Task    | New         | Normal   | Identify monitoring and logging use cases and requirements  | Dave Viegla    | 2015-01-19 23:06 |                    |
| 1443 | DataONE API    | Task    | New         | Normal   | Identify operational requirements for monitoring and logging  | Dave Viegla    | 2015-01-19 23:06 |                    |
| 6759 | DataONE API    | Story   | New         | Normal   | ObjectFormat Management   | Dave Viegla    | 2015-01-19 23:17 |                    |
| 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 |                    |
| 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 |                    |
| 4116 | Member Nodes   | Task    | In Progress | Normal   | Work with FRIM to upgrade Metacat to 2.2.1 or later   | Jing Tao       | 2015-01-23 19:02 |                    |
| 6791 | Infrastructure | Bug     | New         | Normal   | Building d1_log_aggregation doesn't trigger downstream builds   |                | 2015-01-31 00:32 | Support Operations |
| 6748 | Java Client    | Task    | New         | Normal   | Create a factory / builder class for converting versioned types.  |                | 2015-02-11 19:47 |                    |
| 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     |
| 3057 | Java Client    | Task    | In Progress | Normal   | retest CLOSE_WAIT issue once the lib client is complete.  | Rob Nahf       | 2015-02-11 19:52 | d1_libclient_java  |
| 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     |
| 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 |                    |
| 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 |                    |
| 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 |                    |
| 4666 | Java Client    | Task    | New         | Normal   | - All types have the same serialVersionUID (10000000)   |                | 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 |                    |
| 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 |                    |

| #    | Project        | Tracker      | Status      | Priority | Subject  | Assignee      | Updated          | Category          |
|------|----------------|--------------|-------------|----------|--|---------------|------------------|-------------------|
| 4665 | Java Client    | Task         | New         | Normal   | Tests contain redundant code.  |               | 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 |                   |
| 4672 | Java Client    | Task         | In Progress | Normal   | mvn dependencies:analyse shows transitive dependencies:  |               | 2015-02-11 20:08 |                   |
| 4673 | Java Client    | Task         | New         | Normal   | Pom has warnings:  |               | 2015-02-11 20:08 |                   |
| 4671 | Java Client    | Task         | In Progress | Normal   | suggest updating the following versions:   |               | 2015-02-11 20:08 |                   |
| 5313 | Java Client    | Task         | New         | Normal   | enable remote deployment of product packages from Hudson / Jenkins   | Rob Nahf      | 2015-02-11 20:34 |                   |
| 3721 | Java Client    | Task         | In Progress | Normal   | add resource map validation routine to libclient_java  | Rob Nahf      | 2015-02-11 20:42 | d1_libclient_java |
| 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 |
| 6369 | Java Client    | Feature      | In Progress | Normal   | ResourceMapFactory.parseResourceMap does not return aggregated resources   | Rob Nahf      | 2015-02-11 20:56 | d1_libclient_java |
| 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         |
| 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 |                   |
| 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 |                   |
| 6484 | MN Dashboard   | Feature      | New         | Normal   | Provide paging/scrolling on MN table   | Skye Roseboom | 2015-04-29 22:47 |                   |
| 5322 | MN Dashboard   | Feature      | New         | Normal   | Add support for right, left keys on dashboard detail pages   | Skye Roseboom | 2015-04-29 22:47 |                   |
| 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 |                   |
| 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 |                   |
| 6336 | MN Dashboard   | Feature      | New         | Normal   | Display MN POCs on the detail MN pages of the dashboard  | Skye Roseboom | 2015-04-29 22:49 |                   |
| 7096 | CN REST        | Task         | New         | Normal   | Unexpectedly closed streams / disconnects on UNM network   | Dave Vieglais | 2015-05-12 17:49 |                   |



| #    | Project          | Tracker | Status      | Priority | Subject   | Assignee     | Updated          | Category           |
|------|------------------|---------|-------------|----------|---|--------------|------------------|--------------------|
| 7097 | Infrastructure   | Bug     | New         | Normal   | v1 call to CN.search() yields a NoClassDef exception for boucncycastle                      | Rob Nahf     | 2015-05-12 18:46 |                    |
| 7102 | Member Nodes     | Task    | In Progress | Normal   | Create test server certificate for test.piscoweb.org  | Dave Viegla  | 2015-05-14 18:28 |                    |
| 7103 | Member Nodes     | Task    | New         | Normal   | Create a new test certificate for mnStagePISCO  | Dave Viegla  | 2015-05-14 18:29 |                    |
| 7127 | DataONE API      | Task    | New         | Normal   | Finalize CNAAuthentication interface  | Dave Viegla  | 2015-05-21 19:31 | api_documentation  |
| 7120 | Java Client      | Task    | Testing     | Normal   | Fix DataPackage.insertRelationship() to handle any URI for external identifiers             | Chris Jones  | 2015-06-04 21:48 | d1_libclient_java  |
| 7155 | OGC-Slender Node | Task    | New         | Normal   | Design the connector, including sources of key information                                  | Dave Viegla  | 2015-06-05 11:42 |                    |
| 7149 | OGC-Slender Node | Story   | Testing     | Normal   | Implement mechanism to retrieve a list of objects available from repository                 | Dave Viegla  | 2015-06-05 13:37 |                    |
| 7146 | OGC-Slender Node | Story   | In Progress | Normal   | Determine formatId for content retrievable from NODC services                               | Dave Viegla  | 2015-06-05 13:37 |                    |
| 7161 | CN REST          | Bug     | New         | Normal   | TERN object fails to be indexed by Solr, but successfully synchronized                      |              | 2015-06-05 18:04 | d1_synchronization |
| 7166 | OGC-Slender Node | Story   | New         | Normal   | Create ORE document for an NODC data package  | Dave Viegla  | 2015-06-08 18:50 |                    |
| 7167 | OGC-Slender Node | Task    | New         | Normal   | Generate system metadata for science metadata   | Dave Viegla  | 2015-06-08 18:58 |                    |
| 7151 | OGC-Slender Node | Story   | In Progress | Normal   | Generate system metadata for content  | Dave Viegla  | 2015-06-08 18:58 |                    |
| 7168 | OGC-Slender Node | Task    | New         | Normal   | Generate system metadata for data objects   | Dave Viegla  | 2015-06-08 18:59 |                    |
| 7169 | OGC-Slender Node | Task    | New         | Normal   | Enable tracking of obsoletes / obsoleted by for data objects                                | Dave Viegla  | 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 Viegla  | 2015-06-08 21:28 |                    |
| 7177 | Infrastructure   | Task    | New         | Normal   | Develop video documentation for certificate management                                      | Dave Viegla  | 2015-06-10 01:33 | Documentation      |
| 7176 | Infrastructure   | Task    | New         | Normal   | Develop textual documentation for certificate management                                    | Dave Viegla  | 2015-06-10 01:33 | Documentation      |
| 7184 | Infrastructure   | Task    | New         | Normal   | Create an Ansible script that can replace a server certificate                              | Nick Outin   | 2015-06-15 15:10 | Support Operations |
| 7183 | Infrastructure   | Story   | New         | Normal   | Update wild card server certificate on all test.dataone.org systems                         | Dave Viegla  | 2015-06-15 15:10 | Support Operations |
| 2827 | Infrastructure   | Task    | In Progress | Normal   | nesting groups requires schema change*  | Dave Viegla  | 2015-06-25 22:00 | d1_schemas         |
| 7178 | Infrastructure   | Bug     | New         | Normal   | duplicate replica information on mn-demo-5  | Robert Waltz | 2015-07-01 20:14 | d1_replication     |
| 7104 | Infrastructure   | Task    | New         | Normal   | Event index reindexing shouldn't require re-harvest from MNs                                |              | 2015-07-09 15:34 | d1_log_aggregation |
| 7279 | Infrastructure   | Task    | New         | Normal   | MN implementation documentation - need document management solution                         | Dave Viegla  | 2015-07-28 22:24 | Documentation      |

| #    | Project                 | Tracker      | Status      | Priority | Subject  | Assignee       | Updated          | Category            |
|------|-------------------------|--------------|-------------|----------|--|----------------|------------------|---------------------|
| 7298 | Python Libraries        | Bug          | New         | Normal   | escapeQueryTerm should be a module method not a class method   | Dave Vieglais  | 2015-08-18 15:06 | d1_libclient_python |
| 7301 | CN REST                 | Bug          | New         | Normal   | CN-stage allows connections to a MN that is operating a self-signed SSL server certificate                                   |                | 2015-08-19 03:46 |                     |
| 7312 | Java Client             | Feature      | New         | Normal   | Restart connection manager   |                | 2015-08-24 17:24 | d1_libclient_java   |
| 7322 | Java Client             | Bug          | Testing     | Normal   | D1Object stores data in memory, causes out of memory errors  | Chris Jones    | 2015-08-28 00:15 | d1_libclient_java   |
| 7370 | Infrastructure          | Bug          | New         | Normal   | TypeFactory.convertTypeFromType does not use xmlValue comparisons for Enum conversions                                       | Rob Nahf       | 2015-09-21 16:07 | d1_common_java      |
| 7148 | OGC-Slender Node        | Task         | In Progress | Normal   | Determine formatId for science metadata  | Dave Vieglais  | 2015-09-22 16:27 |                     |
| 7371 | Infrastructure          | Bug          | New         | Normal   | A systemMetadata update that changes the formatID from DATA to METADATA or RESOURCE_MAP will not upload the object to the CN | Robert Waltz   | 2015-09-22 21:47 | d1_cn_service       |
| 7389 | Java Client             | Task         | Testing     | Normal   | V2 D1Object fails to download V1 content   | Chris Jones    | 2015-09-28 17:50 | d1_libclient_java   |
| 6706 | Infrastructure          | Task         | New         | Normal   | CN-SANDBOX initiated synchronization with mnTestLTER before node was "approved"  | Robert Waltz   | 2015-10-09 17:38 | Environment.Sandbox |
| 7439 | MN Service Registration | Task         | New         | Normal   | Update the search interface to support rendering and other actions for services  | Dave Vieglais  | 2015-10-16 14:06 |                     |
| 7440 | CN REST                 | Bug          | New         | Normal   | Non-discernable error during synchronization affecting (mostly) urn:node:mnTestAEKOS - "Client is shutdown."                 |                | 2015-10-20 14:46 |                     |
| 7466 | Infrastructure          | Task         | In Progress | Normal   | Some objects not accessible on the CN via REST API   | Chris Jones    | 2015-11-05 16:11 | Metacat             |
| 7473 | DUG                     | Task         | New         | Normal   | Draft 2016 DUG annual meeting brochure   |                | 2015-11-09 22:38 |                     |
| 7474 | DUG                     | Task         | New         | Normal   | Draft generic letter of invitation that DUG SC can carry and distribute widely.  |                | 2015-11-09 22:38 |                     |
| 7475 | DUG                     | Task         | New         | Normal   | Work with Erin/ESIP to distribute the brochure widely to students/faculty from UNC   |                | 2015-11-09 22:38 |                     |
| 7476 | DUG                     | Task         | New         | Normal   | Do we need an event management system to better organize the DUG?  |                | 2015-11-09 22:43 |                     |
| 7484 | DUG                     | Task         | New         | Normal   | DUG Agenda   |                | 2015-11-10 21:39 |                     |
| 6379 | Member Nodes            | MNDeployment | New         | Normal   | ICMBio   | Bruce Wilson   | 2015-11-19 17:21 |                     |
| 6382 | Member Nodes            | Task         | In Progress | Normal   | ICMBIO: Determine feasibility  | Laura Moyers   | 2015-11-19 17:21 |                     |
| 6380 | Member Nodes            | Task         | New         | Normal   | ICMBIO: Initial Preparation  |                | 2015-11-19 17:21 |                     |
| 3844 | Member Nodes            | MNDeployment | New         | Normal   | Oregon Explorer program at OSU   | Laura Moyers   | 2015-11-19 17:22 |                     |
| 3219 | Member Nodes            | MNDeployment | New         | Normal   | iEcolab member node  | Ben Leinfelder | 2015-11-19 18:01 |                     |
| 5455 | Member Nodes            | Task         | In Progress | Normal   | Contact Line Pouchard to re-open discussion about PURL as a potential MN   | Bruce Wilson   | 2015-11-19 19:17 |                     |
| 7498 | Search UI               | Task         | In Progress | Normal   | Search UI deployments need to be automated   | Chris Jones    | 2015-11-21 00:36 | MetacatUI           |

| #    | Project          | Tracker      | Status      | Priority | Subject  | Assignee      | Updated          | Category               |
|------|------------------|--------------|-------------|----------|--|---------------|------------------|------------------------|
| 3208 | Member Nodes     | Task         | New         | Normal   | Collate node application metadata for the BIOTA - FAPESP MN                          | Matthew Jones | 2015-12-03 19:36 |                        |
| 3204 | Member Nodes     | Task         | New         | Normal   | Collate MN metadata for review   | Mike Frame    | 2015-12-03 19:36 |                        |
| 7524 | DUG              | Task         | New         | Normal   | Explore crowd sourcing for future DUG marketing effort                               |               | 2015-12-07 22:25 |                        |
| 7525 | DUG              | Task         | New         | Normal   | assessment effort update   |               | 2015-12-07 22:25 |                        |
| 7528 | DataONE API      | Bug          | New         | Normal   | Incorrect argument name documented for CNCORE.reserveldentier                        |               | 2015-12-08 19:51 | api_documentation      |
| 7531 | DUG              | Task         | New         | Normal   | Quote request for EAB meeting  |               | 2015-12-08 20:13 |                        |
| 7532 | DUG              | Task         | New         | Normal   | Registration Form for 2016.  |               | 2015-12-08 21:30 |                        |
| 7533 | DUG              | Task         | New         | Normal   | Create DUG 2016 Meeting page   |               | 2015-12-08 21:44 |                        |
| 7537 | Infrastructure   | Task         | New         | Normal   | add nodelist refreshes to NodeLocator classes  | Rob Nahf      | 2015-12-10 16:59 | d1_libclient_java      |
| 7538 | Infrastructure   | Task         | New         | Normal   | look at nodeFactory in how it builds mock CNodes                                     | Rob Nahf      | 2015-12-10 17:03 | d1_libclient_java      |
| 7550 | Member Nodes     | Task         | New         | Normal   | GoA portal not copying to KNB  | Lauren Walker | 2015-12-14 21:41 |                        |
| 7551 | Member Nodes     | MNDeployment | New         | Normal   | FAO - Food and Agriculture Organization of the UN                                    | Laura Moyers  | 2015-12-15 15:08 |                        |
| 7571 | CN REST          | Task         | New         | Normal   | Description for error code 401, detail code 4957 is misleading in some cases         |               | 2016-01-05 16:25 |                        |
| 6011 | Infrastructure   | Bug          | New         | Normal   | Synchronization fails from max_syncobjectqueue_size                                  | Robert Waltz  | 2016-01-05 17:52 | d1_synchronization     |
| 6882 | Infrastructure   | Bug          | New         | Normal   | after CN upgrade togglePortsAndReplication.sh missing                                | Robert Waltz  | 2016-01-05 17:54 | d1_cn_buildout         |
| 7552 | Member Nodes     | MNDeployment | New         | Normal   | iDigBio - Integrated Digitized Biocollections  | Laura Moyers  | 2016-01-05 23:45 |                        |
| 7578 | DataONE API      | Bug          | New         | Normal   | Fix 404 link to d1_instance_generator folder in documentation                        |               | 2016-01-08 22:01 | api_documentation      |
| 7489 | CN REST          | Bug          | New         | Normal   | processing daemon common-logging misconfigured                                       | Robert Waltz  | 2016-01-21 17:18 | d1_cn_process_daemon   |
| 7611 | Infrastructure   | Story        | New         | Normal   | ORNLDAAAC fails during log aggregation   | Laura Moyers  | 2016-01-26 16:39 | Environment.Production |
| 6854 | Infrastructure   | Feature      | In Progress | Normal   | add testAssumptionFailure to run listener  | Rob Nahf      | 2016-01-26 22:30 | d1_integration         |
| 7612 | Infrastructure   | Task         | In Progress | Normal   | Contact ORNLDAAAC  | Laura Moyers  | 2016-02-11 18:02 | Environment.Production |
| 7640 | Infrastructure   | Story        | New         | Normal   | ONEShare failing with ServiceFailure   | Laura Moyers  | 2016-02-12 16:39 | Environment.Production |
| 7641 | Infrastructure   | Task         | New         | Normal   | contact ONEShare   | Laura Moyers  | 2016-02-12 16:40 | Environment.Production |
| 7666 | Infrastructure   | Bug          | New         | Normal   | mnTestMPC repeating attempts to set replica status to FAILED                         | Laura Moyers  | 2016-02-25 21:44 | Environment.Stage1     |
| 7407 | Infrastructure   | Story        | In Progress | Normal   | object formats in the d1_common_java bootstrap list are inconsistent with production | Dave Vieglais | 2016-03-15 16:49 | d1_indexer             |
| 7682 | Log Reporting    | Task         | New         | Normal   | Sluggish Purging Read Event Cache  |               | 2016-03-17 15:02 | d1_log_aggregation     |
| 7427 | Python Libraries | Task         | New         | Normal   | adjust API signatures in python libraries  | Dave Vieglais | 2016-03-25 01:11 | d1_libclient_python    |
| 7219 | Python GMN       | Story        | In Progress | Normal   | Upgrade Django version used by GMN, add better support for PUT operations            | Dave Vieglais | 2016-03-25 01:24 |                        |

| #    | Project    | Tracker | Status      | Priority | Subject   | Assignee      | Updated          | Category |
|------|------------|---------|-------------|----------|---|---------------|------------------|----------|
| 7137 | Python GMN | Task    | Testing     | Normal   | Add support for V2 urls                             | Dave Vieglais | 2016-03-25 01:27 |          |
| 7138 | Python GMN | Task    | Testing     | Normal   | Create new view functions                           | Dave Vieglais | 2016-03-25 01:27 |          |
| 7199 | Python GMN | Task    | New         | Normal   | Implement support for token authentication approach | Dave Vieglais | 2016-03-25 01:27 |          |
| 7139 | Python GMN | Task    | In Review   | Normal   | modify postgres schema                              | Dave Vieglais | 2016-03-25 01:27 |          |
| 7140 | Python GMN | Task    | In Review   | Normal   | Resolve sids to pids                                | Dave Vieglais | 2016-03-25 01:27 |          |
| 6497 | Python GMN | Feature | In Progress | Normal   | V2 GMN Support                                      | Dave Vieglais | 2016-03-25 01:27 |          |

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