

## Issues

| #    | Project          | Tracker | Status      | Priority | Subject   | Assignee      | Updated          | Category            |
|------|------------------|---------|-------------|----------|---|---------------|------------------|---------------------|
| 7149 | OGC-Slender Node | Story   | Testing     | Normal   | Implement mechanism to retrieve a list of objects available from repository   | Dave Vieglais | 2015-06-05 13:37 |                     |
| 8738 | Infrastructure   | Story   | In Progress | Normal   | HZEventFilter performance decline with increased task queue   | Rob Nahf      | 2018-10-30 04:10 | d1_indexer          |
| 8727 | Member Nodes     | Story   | In Progress | Normal   | NCAR Discovery & Assessment   |               | 2019-01-22 18:34 |                     |
| 8535 | Member Nodes     | Story   | In Progress | Normal   | Neotoma: Story: Discovery & Planning  | Amy Forrester | 2018-04-09 21:14 |                     |
| 8525 | Infrastructure   | Story   | In Progress | High     | timeout exceptions thrown from Hazelcast disable synchronization  | Rob Nahf      | 2018-11-16 17:32 | d1_synchronization  |
| 8364 | CN REST          | Story   | In Progress | Normal   | Ensure portal uses correct X509 certificates  |               | 2019-05-21 12:57 | d1_portal_servlet   |
| 8358 | Member Nodes     | Story   | In Progress | Normal   | Discovery & Planning (CAFF)   | Amy Forrester | 2018-04-06 14:56 |                     |
| 8227 | Infrastructure   | Story   | In Progress | Normal   | ExceptionHandler regurgitates long html pages into the wrapping ServiceFailure message, which goes into CN log files. | Rob Nahf      | 2018-01-09 19:10 | d1_common_java      |
| 8225 | Member Nodes     | Story   | In Progress | Normal   | Customize Indexing & View for gmd-pangaea   | Rob Nahf      | 2018-05-17 14:30 |                     |
| 8172 | Infrastructure   | Story   | In Progress | Normal   | investigate atomic updates for some solr updates  | Rob Nahf      | 2018-01-17 18:39 | d1_indexer          |
| 8155 | Infrastructure   | Story   | In Progress | Normal   | Ensure GMN fully supports the Package API   | Roger Dahl    | 2018-01-17 18:43 | d1_mn_GMN           |
| 8081 | Infrastructure   | Story   | In Progress | Normal   | develop federated broker configuration for indexing   | Rob Nahf      | 2018-01-17 18:46 | d1_indexer          |
| 8049 | Infrastructure   | Story   | In Progress | Normal   | Support synchronization of system metadata for unhosted METADATA and RES_MAP objects                                  |               | 2018-01-17 18:50 | Architecture Design |
| 8038 | Infrastructure   | Story   | In Progress | Normal   | connect logging output to a log analysis tool   | Dave Vieglais | 2018-01-17 18:52 | d1_synchronization  |
| 8032 | Python GMN       | Story   | In Progress | Normal   | GMN v2  | Roger Dahl    | 2018-01-17 18:55 |                     |
| 7920 | Infrastructure   | Story   | In Progress | Normal   | migrate apache2 authorization rules from 2.2 conforming to 2.4  | Dave Vieglais | 2018-01-17 18:59 | d1_cn_buildout      |
| 7882 | Infrastructure   | Story   | In Progress | Normal   | Tune CN logfile management  | Dave Vieglais | 2018-01-17 19:03 |                     |
| 7832 | Infrastructure   | Story   | In Progress | Normal   | migrate from JibX to JAXB for XML binding / codegen   | Rob Nahf      | 2018-01-17 19:06 | d1_common_java      |
| 7754 | Search UI        | Story   | In Progress | Normal   | Support for XSL transform of various metadata formats   | Bryce Mecum   | 2018-05-17 14:18 | MetacatUI           |

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|------|------------------|---------|-------------|----------|---|---------------|------------------|-------------------------------|
| 7716 | Infrastructure   | Story   | In Progress | Normal   | How to facilitate resubmission of sync Failures?                                      | Dave Vieglais | 2018-01-17 19:22 | d1_synchronization            |
| 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                    |
| 7358 | Infrastructure   | Story   | In Progress | Normal   | ContactSubject on NodeList must be valid D1 ldap entry                                | Dave Vieglais | 2016-12-21 09:05 | Authentication, Authorization |
| 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 |                               |
| 7151 | OGC-Slender Node | Story   | In Progress | Normal   | Generate system metadata for content  | Dave Vieglais | 2015-06-08 18:58 |                               |
| 7146 | OGC-Slender Node | Story   | In Progress | Normal   | Determine formatId for content retrievable from NODC services                         | Dave Vieglais | 2015-06-05 13:37 |                               |
| 6395 | Infrastructure   | Story   | In Progress | Normal   | Member Node testers are stuck when the MNWebTester hangs / crashes                    | Rob Nahf      | 2018-01-17 19:51 | MNWebChecker                  |
| 6377 | Infrastructure   | Story   | In Progress | Normal   | Review CNode initialization in ReplicationManager - it doesn't use local CN reference | Rob Nahf      | 2018-01-17 19:52 | d1_replication                |
| 6071 | Infrastructure   | Story   | In Progress | Normal   | Release Notes and documentation   | Dave Vieglais | 2018-01-17 19:53 | Documentation                 |
| 5833 | Member Nodes     | Story   | In Progress | Normal   | GBIF: Developing  |               | 2019-02-19 18:24 |                               |
| 5141 | Infrastructure   | Story   | In Progress | Normal   | Describe the mn.updateSystemMetadata behavior in use case document                    | Dave Vieglais | 2018-01-17 19:58 | Documentation                 |
| 4463 | Infrastructure   | Story   | In Progress | Normal   | Incorporate Node Replication Policy into replication processing                       | Rob Nahf      | 2018-01-17 20:03 | d1_replication                |
| 4188 | Infrastructure   | Story   | In Progress | Normal   | dataone Exception definition and implementation requires clarification                | Dave Vieglais | 2018-01-17 20:05 | d1_schemas                    |
| 4052 | Infrastructure   | Story   | In Progress | Normal   | OPeNDAP MN Story  |               | 2013-10-06 20:07 | mn.OPeNDAP                    |
| 3666 | Java Client      | Story   | In Progress | Low      | D1Client.listUpdateHistory() needs to handle changing access policies                 | Rob Nahf      | 2018-01-17 20:19 | d1_libclient_java             |
| 3591 | Infrastructure   | Story   | In Progress | Normal   | Content consistency checks for new member nodes                                       | Rob Nahf      | 2018-01-17 20:23 | MNWebChecker                  |
| 725  | Infrastructure   | Story   | In Progress | Normal   | Create Authentication and Access control design specifications                        | Dave Vieglais | 2018-01-17 20:52 | Documentation                 |
| 8869 | Infrastructure   | Story   | New         | Normal   | Equivalent identities show owning different amount of packages.                       | Jing Tao      | 2020-09-24 22:34 | d1_indexer                    |
| 8864 | CN REST          | Story   | New         | Normal   | Synchronization does not register authoritative replica entry correctly               | Jing Tao      | 2020-06-19 21:59 | d1_synchronization            |
| 8862 | Infrastructure   | Story   | New         | Normal   | Deploy a new dataone-cn-rest release  | Jing Tao      | 2020-04-23 16:24 |                               |
| 8857 | Infrastructure   | Story   | New         | Normal   | D1Client.getCN() always get the production cn on the CN Tomcat context                | Jing Tao      | 2019-12-13 00:34 | dataone-cn-rest-service       |

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| 8856 | Infrastructure | Story   | New    | Normal   | Put the system metadata part ahead of the object part when d1_client_python constructs the multipart                    |               | 2019-11-22 18:31 | d1_python              |
| 8855 | Infrastructure | Story   | New    | Normal   | Put the system metadata part ahead of the object part when d1_client_r constructs the multipart                         | Matthew Jones | 2019-11-22 18:29 | d1_client_r            |
| 8854 | Infrastructure | Story   | New    | Normal   | Put the system metadata part ahead of the object part when d1_libclient_java constructs the multipart                   | Jing Tao      | 2019-11-22 18:25 | d1_libclient_java      |
| 8853 | Infrastructure | Story   | New    | Normal   | Make cn.resolve smarter   |               | 2019-11-15 16:50 |                        |
| 8851 | Infrastructure | Story   | New    | Normal   | CN sends error doc with "pid" to v2 endpoint  | Jing Tao      | 2019-11-06 22:31 | d1_synchronization     |
| 8849 | Infrastructure | Story   | New    | Normal   | During sync, the CN does not detect error returned from getChecksum()   | Jing Tao      | 2019-11-06 22:07 |                        |
| 8848 | Infrastructure | Story   | New    | Normal   | A minor difference of annotation index between CN and MN  |               | 2019-11-01 21:37 |                        |
| 8842 | Infrastructure | Story   | New    | Normal   | Some exceptions in Metacat  |               | 2019-09-19 17:53 |                        |
| 8841 | Infrastructure | Story   | New    | Normal   | Solr Index processor don't parse the attributes on the otherEntity on an EML object                                     | Jing Tao      | 2019-09-10 22:41 | d1_indexer             |
| 8837 | Infrastructure | Story   | New    | Normal   | Merge the changes from metacat's feature-project-indexing branch to d1_cn_index_processor                               | Jing Tao      | 2019-08-16 17:18 | d1_indexer             |
| 8835 | Member Nodes   | Story   | New    | Normal   | Add ability for scanner to stop after a certain number of errors  | John Evans    | 2019-08-12 19:16 |                        |
| 8833 | Member Nodes   | Story   | New    | Normal   | Problems utilizing pyshacl within SlenderNodes  | John Evans    | 2019-08-09 18:20 |                        |
| 8832 | Member Nodes   | Story   | New    | Normal   | Conflict between pyshacl and owl on ubuntu  | John Evans    | 2019-08-05 19:32 |                        |
| 8831 | Member Nodes   | Story   | New    | Normal   | Import error with schema_org.data   | John Evans    | 2019-08-05 18:57 |                        |
| 8823 | Infrastructure | Story   | New    | High     | Recent Apache and OpenSSL combinations break connectivity on Ubuntu 18.04   | Dave Vieglais | 2019-06-19 02:43 |                        |
| 8819 | Member Nodes   | Story   | New    | Normal   | IEDA documents not in DataONE   |               | 2019-06-13 19:20 |                        |
| 8806 | Infrastructure | Story   | New    | Normal   | Cleanup from OS upgrades  |               | 2019-05-21 12:45 |                        |
| 8796 | Infrastructure | Story   | New    | Normal   | Various issues with service access after upgrade to 18.04   | Jing Tao      | 2019-05-21 12:38 |                        |
| 8791 | Infrastructure | Story   | New    | Normal   | Complete deprecation of ONEMercury interface  | Rob Nahf      | 2019-05-01 14:00 | d1_mercury             |
| 8782 | Infrastructure | Story   | New    | Normal   | Upgrade OS to Ubuntu 18.04 on CNs   | Jing Tao      | 2019-03-22 18:12 |                        |
| 8779 | Infrastructure | Story   | New    | Normal   | ForesiteResourceMap performance issue   | Rob Nahf      | 2019-03-25 18:48 | d1_indexer             |
| 8771 | CN REST        | Story   | New    | Normal   | Issue with LDAP when updating `nodeReplicationPolicy`   | Dave Vieglais | 2019-03-05 19:43 | d1_cn_rest             |
| 8770 | CN REST        | Story   | New    | Normal   | Issue with CN handling of encoded identifiers in object/ meta/ node/, others?   | Jing Tao      | 2019-03-05 19:37 | d1_cn_rest             |
| 8762 | Infrastructure | Story   | New    | Normal   | Add new formats to CN   |               | 2019-02-07 20:03 |                        |
| 8758 | Infrastructure | Story   | New    | Normal   | Index replicationStatus field   | Jing Tao      | 2019-01-14 18:00 | d1_indexer             |
| 8757 | CN REST        | Story   | New    | Normal   | Fix getChecksum() in MNAuditTask to use dynamic checksum algorithms   | Chris Jones   | 2019-01-14 19:48 | d1_replication_auditor |
| 8756 | CN REST        | Story   | New    | Normal   | Ensure replica auditor is effective   | Chris Jones   | 2019-01-15 21:00 | d1_replication_auditor |
| 8749 | CN REST        | Story   | New    | Normal   | Fix log aggregation events from the CN without associated CN IPs  | Dave Vieglais | 2019-05-01 22:25 |                        |
| 8737 | Infrastructure | Story   | New    | Normal   | Submitters and rights-holders with group permissions can't be granted authorization when the sync process validates sid | Jing Tao      | 2018-11-28 17:12 | d1_synchronization     |
| 8736 | Infrastructure | Story   | New    | Normal   | Decouple the index generator to the hazelcast system metadata map   |               | 2019-01-22 19:27 | d1_indexer             |

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| 8734 | Infrastructure        | Story   | New    | Normal   | Hazelcast shutdown tied to out of memory exception!                                    | Rob Nahf       | 2018-10-18 16:55 | Metacat                |
| 8702 | Infrastructure        | Story   | New    | Normal   | Indexing Refactor Strategy   | Rob Nahf       | 2018-09-24 18:05 | d1_indexer             |
| 8683 | Member Nodes          | Story   | New    | Normal   | USGS SDC: redeploy as a v2 Slender Node with GMN                                       | John Evans     | 2019-05-15 14:03 |                        |
| 8639 | Infrastructure        | Story   | New    | Normal   | Replication performance is too slow to service demand                                  | Chris Jones    | 2018-07-04 11:18 | d1_replication         |
| 8634 | Member Nodes          | Story   | New    | Normal   | DAAC: Testing & Development  | Dave Vieglaiss | 2018-07-02 14:55 |                        |
| 8602 | Infrastructure        | Story   | New    | Normal   | Log aggregation and augmentation process mid 2018 updates                              | Dave Vieglaiss | 2018-06-07 20:49 | d1_log_aggregation     |
| 8589 | Member Nodes          | Story   | New    | Normal   | ARM: Re-Discovery & Planning   |                | 2018-05-10 21:44 |                        |
| 8582 | CN REST               | Story   | New    | Normal   | Replica Auditing service is throwing errors  | Jing Tao       | 2019-01-14 16:40 | d1_replication_auditor |
| 8574 | Search UI             | Story   | New    | Normal   | PANGAEA Temporary Fix: SID only in Data Citation                                       | Bryce Mecum    | 2018-05-01 01:45 |                        |
| 8568 | Member Nodes          | Story   | New    | Normal   | (CyVerse) Move to production   |                | 2018-04-23 21:18 |                        |
| 8564 | Member Nodes          | Story   | New    | Normal   | (CyVerse) Testing & Development  | Rob Nahf       | 2018-07-02 19:56 |                        |
| 8540 | Infrastructure        | Story   | New    | Normal   | interesting 15 minute Hazelcast timeout in IndexProcessor                              | Rob Nahf       | 2018-04-12 04:32 | d1_indexer             |
| 8537 | Infrastructure        | Story   | New    | Normal   | indexer doesn't populate SID-defined relationships unless new resourceMap is submitted | Rob Nahf       | 2018-04-09 22:51 | d1_indexer             |
| 8521 | Member Nodes          | Story   | New    | Normal   | CAFF: Testing & Development  |                | 2018-04-06 15:17 |                        |
| 8515 | Testing MN Management | Story   | New    | Normal   | meow: Move to Production   |                | 2018-03-22 20:45 |                        |
| 8504 | Infrastructure        | Story   | New    | Normal   | Support creation of data citation record from solr record                              | Monica Ihli    | 2018-07-17 23:06 | d1_indexer             |
| 8470 | Infrastructure        | Story   | New    | Normal   | Make the spring context of the d1_index_processor daemon more configurable             | Jing Tao       | 2018-03-22 16:53 | d1_indexer             |
| 8463 | Testing MN Management | Story   | New    | Normal   | test: Testing & Development  |                | 2018-03-01 21:04 |                        |
| 8381 | Testing MN Management | Story   | New    | Normal   | Discovery  |                | 2018-02-27 17:32 |                        |
| 8368 | Infrastructure        | Story   | New    | Normal   | Update backup strategy for jenkins job configurations to subversion                    | Dave Vieglaiss | 2019-01-22 19:25 | Support Operations     |
| 8367 | Infrastructure        | Story   | New    | Normal   | Duplicate jenkins jobs from UNM to UCSB  | Dave Vieglaiss | 2019-01-22 19:25 | Support Operations     |
| 8366 | Infrastructure        | Story   | New    | Normal   | Migrate jenkins continuous integration from UNM to UCSB                                | Dave Vieglaiss | 2019-01-22 19:26 | Support Operations     |
| 8363 | Infrastructure        | Story   | New    | Normal   | indexer shutdown generates index tasks   | Rob Nahf       | 2018-09-24 15:25 | d1_indexer             |
| 8352 | Testing MN Management | Story   | New    | Normal   | Move to Production   |                | 2018-02-08 15:28 |                        |
| 8347 | Testing MN Management | Story   | New    | Normal   | Testing & Development  |                | 2018-02-08 15:28 |                        |
| 8343 | Testing MN Management | Story   | New    | Normal   | Planning   |                | 2018-02-08 15:28 |                        |
| 8340 | Testing MN Management | Story   | New    | Normal   | Discovery  |                | 2018-02-08 15:28 |                        |
| 8307 | Infrastructure        | Story   | New    | Normal   | Check node subject on node registration and subsequent calls                           | Jing Tao       | 2018-02-06 20:06 | d1_cn_node_registry    |

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| 8244 | Member Nodes   | Story   | New    | Normal   | Upgrade Member Node to current version of Metacat (IOE)   | Amy Forrester  | 2018-01-25 15:36 |                               |
| 8234 | Infrastructure | Story   | New    | Normal   | Use University of Kansas ORCID membership to support authentication in production environment                         | Dave Vieglaiss | 2018-01-09 19:10 | Authentication, Authorization |
| 8213 | Member Nodes   | Story   | New    | Normal   | KUBI node is not responding as a MN   | Dave Vieglaiss | 2017-11-06 22:18 |                               |
| 8208 | Infrastructure | Story   | New    | Normal   | Review and adjust memory allocated to d1-index-task-generator and d1-index-task-processor                             |                | 2018-01-09 19:10 |                               |
| 8207 | Infrastructure | Story   | New    | Normal   | review and adjust memory allocated to d1-processing   |                | 2018-01-09 19:10 |                               |
| 8204 | Infrastructure | Story   | New    | Normal   | Adjust memory allocation for services running under JVM on CNs  |                | 2018-01-09 19:10 |                               |
| 8173 | Infrastructure | Story   | New    | High     | add checks for retrograde systemMetadata changes  | Jing Tao       | 2018-01-17 18:38 | d1_indexer                    |
| 8167 | Infrastructure | Story   | New    | Normal   | Enable postgres replication between Coordinating Nodes  | Monica Ihli    | 2018-01-09 19:10 | dataone-cn-os-core            |
| 8162 | Infrastructure | Story   | New    | Normal   | Replication tasks can contain stale potential target nodes  | Rob Nahf       | 2018-03-02 21:47 | d1_replication                |
| 8109 | Infrastructure | Story   | New    | Normal   | Does authentication token need to include group information?  | Dave Vieglaiss | 2018-01-17 18:45 | Authentication, Authorization |
| 8097 | Infrastructure | Story   | New    | Normal   | Metacat (storage) and d1-synchronize both have the code to compute the checksum                                       | Jing Tao       | 2018-01-09 19:10 | d1_synchronization            |
| 8084 | Infrastructure | Story   | New    | Normal   | determine the backup strategy for rabbitMQ  | Rob Nahf       | 2018-01-17 18:46 | d1_indexer                    |
| 8082 | Infrastructure | Story   | New    | Normal   | implement SolrCloudClient to replace HttpService to allow concurrent updates of the solr index from differen machines | Rob Nahf       | 2018-01-09 19:10 | d1_indexer                    |
| 8074 | Python GMN     | Story   | New    | Normal   | Eliminate unnecessary setuid/setgid programs  | Roger Dahl     | 2018-01-17 18:48 |                               |
| 8073 | Python GMN     | Story   | New    | Normal   | Make sure unecessary services are disabled  | Roger Dahl     | 2018-01-17 18:48 |                               |
| 8061 | Infrastructure | Story   | New    | Normal   | develop queue-based processing system for the CN  | Rob Nahf       | 2018-01-17 19:00 | Architecture Design           |
| 8044 | Infrastructure | Story   | New    | Normal   | certificate manager should check expiration of CAs it loads into the trust manager.                                   | Rob Nahf       | 2018-01-09 19:10 | d1_libclient_java             |
| 8036 | Infrastructure | Story   | New    | Normal   | synchronization should respond to various MN down conditions to avoid syncFailures                                    | Rob Nahf       | 2018-01-17 18:55 | d1_synchronization            |
| 8022 | Infrastructure | Story   | New    | Normal   | d1_log_aggregation has different version of Hazelcast than the rest of CN stack. Hazelcast version very out of date.  | Rob Nahf       | 2018-01-09 19:10 | d1_log_aggregation            |
| 7940 | Infrastructure | Story   | New    | Normal   | Retrieval of system metadata is too slow  | Robert Waltz   | 2018-01-09 19:10 | d1_cn_service                 |
| 7889 | Infrastructure | Story   | New    | Normal   | Synchronization not happening when authoritativeMN is not set correctly.  | Rob Nahf       | 2018-01-17 19:01 | d1_synchronization            |
| 7859 | Infrastructure | Story   | New    | Normal   | Add formatID for the STL 3d model file format   | Dave Vieglaiss | 2018-01-17 19:04 |                               |
| 7810 | Infrastructure | Story   | New    | Normal   | Need to avoid buffer overflow condition during HTTP client TLS renegotiation  | Rob Nahf       | 2018-01-17 19:09 |                               |
| 7807 | Infrastructure | Story   | New    | Low      | cn.synchronize should support synchronization failure corrections.  |                | 2018-01-17 19:15 | Architecture Design           |
| 7713 | Infrastructure | Story   | New    | Normal   | d1DebConfig.xml should be versioned in dataone-cn-os-core   | Rob Nahf       | 2018-01-17 19:24 | d1_cn_buildout                |
| 7712 | Infrastructure | Story   | New    | Normal   | Sanparks fails during LogAggregation  | Laura Moyers   | 2016-04-06 16:43 | Environment.Production        |
| 7668 | Infrastructure | Story   | New    | Normal   | Determine how indexing of data packages should work   | Jing Tao       | 2018-01-17 19:28 | d1_indexer                    |
| 7650 | Infrastructure | Story   | New    | Normal   | DAO for SystemMetadata changes the SystemMetadata.replicationPolicy   | Rob Nahf       | 2018-01-17 19:31 | d1_cn_common                  |

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| 7640 | Infrastructure   | Story   | New    | Normal   | ONEShare failing with ServiceFailure  | Laura Moyers  | 2016-02-12 16:39 | Environment.Production        |
| 7611 | Infrastructure   | Story   | New    | Normal   | ORNLDAAC fails during log aggregation   | Laura Moyers  | 2016-01-26 16:39 | Environment.Production        |
| 7605 | Infrastructure   | Story   | New    | Normal   | MemberNodes not authorizing CN to harvest log records                                       | Dave Vieglais | 2018-01-17 19:33 | Environment.Production        |
| 7559 | Infrastructure   | Story   | New    | Normal   | Develop plan for securing application passwords in the CN stack                             | Dave Vieglais | 2018-01-17 19:34 | Architecture Design           |
| 7224 | Infrastructure   | Story   | New    | Normal   | push synchronization request status indicator: synchronizeStatus method option              |               | 2018-01-17 19:38 | Architecture Design           |
| 7183 | Infrastructure   | Story   | New    | Normal   | Update wild card server certificate on all test.dataone.org systems                         | Dave Vieglais | 2015-06-15 15:10 | Support Operations            |
| 7170 | OGC-Slender Node | Story   | New    | Normal   | Evaluate the feasibility of extracting provenance information from the journal.txt document | Dave Vieglais | 2015-06-08 21:28 |                               |
| 7166 | OGC-Slender Node | Story   | New    | Normal   | Create ORE document for an NODC data package  | Dave Vieglais | 2015-06-08 18:50 |                               |
| 7095 | Python GMN       | Story   | New    | Low      | Support HTTP redirect capability for GMN within the Vendor Specific Extension model         | Dave Vieglais | 2016-03-25 02:30 |                               |
| 6883 | Infrastructure   | Story   | New    | Normal   | support for ESRI Shapefile object format  |               | 2018-01-17 19:40 | Format ID                     |
| 6850 | Java Client      | Story   | New    | Normal   | automate Java Client releases   | Rob Nahf      | 2018-01-17 19:42 | d1_libclient_java             |
| 6796 | Python Libraries | Story   | New    | Normal   | Migrate to Python v3  | Roger Dahl    | 2018-01-17 19:43 |                               |
| 6759 | DataONE API      | Story   | New    | Normal   | ObjectFormat Management   | Dave Vieglais | 2015-01-19 23:17 |                               |
| 6543 | Infrastructure   | Story   | New    | Normal   | Support RIF-CS metadata standard  | Dave Vieglais | 2018-01-17 19:46 | Format ID                     |
| 6513 | Infrastructure   | Story   | New    | Normal   | Create a Local Cache of all Membernode log records on the single master CN                  | Dave Vieglais | 2018-01-17 19:49 | d1_log_aggregation            |
| 6069 | Infrastructure   | Story   | New    | Normal   | open ask.dataone.org sign-in to community   | Dave Vieglais | 2014-10-01 20:39 | Documentation                 |
| 6056 | Infrastructure   | Story   | New    | Normal   | remove log aggregation processing from d1-processing Linux service                          | Dave Vieglais | 2018-01-17 19:55 | d1_log_aggregation            |
| 5895 | Member Nodes     | Story   | New    | Normal   | GBIF: Transition to production  |               | 2018-01-22 18:41 |                               |
| 5867 | Member Nodes     | Story   | New    | Normal   | GBIF: Registration in Production environment  |               | 2019-01-24 17:08 |                               |
| 5838 | Member Nodes     | Story   | New    | Normal   | GBIF: Testing   |               | 2019-01-28 14:39 |                               |
| 5468 | Python Libraries | Story   | New    | Low      | Remove dead code from D1 Python stack   | Roger Dahl    | 2018-01-17 19:57 |                               |
| 4650 | Infrastructure   | Story   | New    | Normal   | Allow MN to bias resolve to the authoritative MN  | Rob Nahf      | 2018-01-17 20:00 | d1_cn_common                  |
| 4278 | Infrastructure   | Story   | New    | Normal   | EML indexing - handle multiple temporalCoverage and spatialCoverage elements                | Jing Tao      | 2018-01-17 20:04 | d1_indexer                    |
| 4091 | Infrastructure   | Story   | New    | Normal   | ESRI GeoPortal MN stack   |               | 2013-10-15 13:36 |                               |
| 3720 | Infrastructure   | Story   | New    | Normal   | resource maps should be validated   | Dave Vieglais | 2018-01-17 20:17 | Documentation                 |
| 3656 | Infrastructure   | Story   | New    | Normal   | integration testing: what are acceptable pids for update?                                   | Roger Dahl    | 2018-01-17 20:22 |                               |
| 2944 | Infrastructure   | Story   | New    | Normal   | Design and implement a MN kill switch mechanism   | Dave Vieglais | 2018-01-17 20:30 | Support Operations            |
| 2548 | Infrastructure   | Story   | New    | Normal   | recasting untrusted certs to public poses accessibility inconsistency to users              |               | 2018-01-17 20:36 | Authentication, Authorization |

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| 2488 | Infrastructure | Story   | New         | Normal    | Changing the authoritativeMembernode will require all replica's systemMetadata be updated | Dave Vieglais  | 2018-01-17 20:39 | d1_synchronization |
| 1644 | DataONE API    | Story   | New         | Normal    | Develop an object format creation policy  |                | 2018-01-17 20:46 |                    |
| 7140 | Python GMN     | Task    | In Review   | Normal    | Resolve sids to pids  | Dave Vieglais  | 2016-03-25 01:27 |                    |
| 7139 | Python GMN     | Task    | In Review   | Normal    | modify postgres schema  | Dave Vieglais  | 2016-03-25 01:27 |                    |
| 8026 | Infrastructure | Task    | Testing     | High      | Portal reaches the maximum capacity in a pool   | Jing Tao       | 2017-03-14 00:36 | d1_portal_servlet  |
| 7686 | Member Nodes   | Task    | Testing     | High      | tDAR - Enable URL links out to data from search results                                   | Ben Leinfelder | 2016-09-27 15:56 |                    |
| 7389 | Java Client    | Task    | Testing     | Normal    | V2 D1Object fails to download V1 content  | Chris Jones    | 2015-09-28 17:50 | d1_libclient_java  |
| 7138 | Python GMN     | Task    | Testing     | Normal    | Create new view functions   | Dave Vieglais  | 2016-03-25 01:27 |                    |
| 7137 | Python GMN     | Task    | Testing     | Normal    | Add support for V2 urls   | Dave Vieglais  | 2016-03-25 01:27 |                    |
| 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  |
| 6378 | Infrastructure | Task    | Testing     | Normal    | code up the new strategy  | Rob Nahf       | 2016-06-22 16:53 | d1_replication     |
| 5836 | Member Nodes   | Task    | Testing     | Normal    | GBIF: Verify that MN passes the Web Tester  | Rob Nahf       | 2018-09-26 19:57 |                    |
| 5531 | Infrastructure | Task    | Testing     | Normal    | Provide overview of replication process for MN implementors                               | Matthew Jones  | 2014-10-02 17:21 | Documentation      |
| 4210 | Infrastructure | Task    | Testing     | Immediate | Metacat does not set serialVersion correctly in CNodeService archive() or delete()        | Chris Jones    | 2013-12-20 16:12 | Metacat            |
| 3624 | Infrastructure | Task    | Testing     | Normal    | Update CN index processing to support ESRI FGDC metadata format                           | Skye Roseboom  | 2013-03-05 23:27 | d1_indexer         |
| 8824 | Infrastructure | Task    | In Progress | High      | Install Apache 2.4.39 and disable TLSv1.3 on CNs  | Dave Vieglais  | 2019-06-19 12:11 |                    |
| 8775 | Infrastructure | Task    | In Progress | Normal    | Make taxonomic rank fields in Solr index non-case-sensitive                               | Bryce Mecum    | 2019-03-11 23:35 |                    |
| 8750 | Member Nodes   | Task    | In Progress | Normal    | reconnect eLTER MN to DataONE   | Roger Dahl     | 2018-11-28 16:59 |                    |
| 8739 | Infrastructure | Task    | In Progress | Normal    | Attempting to set ulimit results in error on UCSB systems                                 | Jing Tao       | 2018-11-08 15:10 | d1_process_daemon  |
| 8728 | Member Nodes   | Task    | In Progress | Normal    | Initial Communications (NCAR)   | Amy Forrester  | 2018-10-04 17:24 |                    |
| 8633 | Member Nodes   | Task    | In Progress | Normal    | DAAC: Re-Training & Re-Deployment Planning  | Amy Forrester  | 2018-07-02 14:53 |                    |
| 8566 | Member Nodes   | Task    | In Progress | Normal    | Test Registration   | Rob Nahf       | 2019-04-16 17:17 |                    |
| 8523 | Member Nodes   | Task    | In Progress | Normal    | CAFF: Technical Requirements & Design Planning  | Amy Forrester  | 2018-06-14 14:21 |                    |
| 8522 | Member Nodes   | Task    | In Progress | Normal    | CAFF: MN Communications   | Amy Forrester  | 2018-04-11 14:48 |                    |
| 8498 | Member Nodes   | Task    | In Progress | Normal    | SANParks metacat not responding to harvest requests                                       | Matthew Jones  | 2019-04-15 18:09 |                    |

| #    | Project          | Tracker | Status      | Priority | Subject   | Assignee      | Updated          | Category               |
|------|------------------|---------|-------------|----------|---|---------------|------------------|------------------------|
| 8469 | CN REST          | Task    | In Progress | Normal   | evaluate if ORCID API will continue to work after 1.2 is deprecated                                   | Jing Tao      | 2018-03-22 16:54 | d1_portal_servlet      |
| 8378 | Member Nodes     | Task    | In Progress | Normal   | (OTS) replicate data  | Amy Forrester | 2018-07-31 18:49 |                        |
| 8091 | Infrastructure   | Task    | In Progress | Normal   | Mysterious sync failure of an eml object from the GOA node  | Jing Tao      | 2017-05-09 21:33 | dataone-cn-os-core     |
| 8086 | Infrastructure   | Task    | In Progress | Normal   | upgrade Spring dependencies   | Rob Nahf      | 2019-07-25 20:32 | d1_indexer             |
| 8080 | Infrastructure   | Task    | In Progress | Normal   | ioslate queue creation logic from processing logic from the queue definition logic                    | Rob Nahf      | 2017-05-09 22:55 | d1_indexer             |
| 8079 | Infrastructure   | Task    | In Progress | Normal   | prototype durable task processing for d1_index_processor  | Rob Nahf      | 2017-04-26 05:45 | d1_indexer             |
| 7958 | Infrastructure   | Task    | In Progress | Normal   | CN sometimes sends invalid submitSynchronizationFailed document to MN                                 | Rob Nahf      | 2017-01-04 17:23 | d1_synchronization     |
| 7930 | Member Nodes     | Task    | In Progress | Normal   | verify obsoletion in tDAR sandbox   | Dave Vieglais | 2016-12-01 23:47 |                        |
| 7929 | Member Nodes     | Task    | In Progress | Normal   | Archive content for SEAD  |               | 2016-11-09 17:11 |                        |
| 7890 | Infrastructure   | Task    | In Progress | Normal   | configure jenkins-ucsb-1 apache server to host ubuntu repositories                                    | Rob Nahf      | 2017-04-19 19:12 |                        |
| 7612 | Infrastructure   | Task    | In Progress | Normal   | Contact ORNLDAAC  | Laura Moyers  | 2016-02-11 18:02 | Environment.Production |
| 7606 | Infrastructure   | Task    | In Progress | Normal   | NRDC does not trust the CN certificate for log harvesting   | Laura Moyers  | 2016-04-06 16:14 | Environment.Production |
| 7505 | Member Nodes     | Task    | In Progress | Normal   | Correct generous access policies  | Roger Dahl    | 2018-07-02 20:39 |                        |
| 7498 | Search UI        | Task    | In Progress | Normal   | Search UI deployments need to be automated  | Chris Jones   | 2015-11-21 00:36 | MetacatUI              |
| 7466 | Infrastructure   | Task    | In Progress | Normal   | Some objects not accessible on the CN via REST API  | Chris Jones   | 2015-11-05 16:11 | Metacat                |
| 7181 | Python Libraries | Task    | In Progress | Normal   | add d1_libclient_python implementation  | Dave Vieglais | 2016-04-21 22:37 | d1_libclient_python    |
| 7148 | OGC-Slender Node | Task    | In Progress | Normal   | Determine formatId for science metadata   | Dave Vieglais | 2015-09-22 16:27 |                        |
| 7102 | Member Nodes     | Task    | In Progress | Normal   | Create test server certificate for test.piscoweb.org  | Dave Vieglais | 2015-05-14 18:28 |                        |
| 6927 | Member Nodes     | Task    | In Progress | Normal   | R2R: Register any new object formats in all environments  | Roger Dahl    | 2017-01-19 01:16 |                        |
| 6843 | Infrastructure   | Task    | In Progress | Normal   | Update the prov instance of the RdfXmlSubprocessor to index renamed and inverse provenance properties | Chris Jones   | 2017-03-28 16:16 | d1_indexer             |



| #    | Project        | Tracker | Status      | Priority | Subject  | Assignee            | Updated          | Category               |
|------|----------------|---------|-------------|----------|--|---------------------|------------------|------------------------|
| 6396 | Infrastructure | Task    | In Progress | Normal   | embed jetty server in d1_integration to run WebTests locally             | Rob Nahf            | 2014-10-01 20:34 | MNWebChecker           |
| 6382 | Member Nodes   | Task    | In Progress | Normal   | ICMBIO: Determine feasibility  | Laura Moyers        | 2015-11-19 17:21 |                        |
| 6375 | Infrastructure | Task    | In Progress | Normal   | Refactor out dependency on a working CN                                  | Rob Nahf            | 2016-06-22 16:53 | d1_replication         |
| 6372 | Infrastructure | Task    | In Progress | Normal   | rehabilitate ReplicationManager "unit" tests                             | Rob Nahf            | 2016-06-22 16:53 | d1_replication         |
| 6053 | Member Nodes   | Task    | In Progress | Normal   | Update science metadata files to include ORNL schema type                | Ranjeet Devarakonda | 2014-11-24 14:57 |                        |
| 6034 | Infrastructure | Task    | In Progress | Normal   | d1_client_cli CCI 2.0 support  | Roger Dahl          | 2014-08-11 16:23 | d1_client_cli          |
| 6033 | Infrastructure | Task    | In Progress | Normal   | d1_libclient_python CCI 2.0 support                                      | Roger Dahl          | 2014-08-11 16:22 | d1_libclient_python    |
| 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 |                        |
| 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 |                        |
| 5450 | Member Nodes   | Task    | In Progress | Normal   | (Waiting for) USC to complete development of MN stack (derived from GMN) | Laura Moyers        | 2018-08-31 15:26 |                        |
| 5449 | Member Nodes   | Task    | In Progress | Normal   | Resolve resource map issues for LTER-Europe                              | Chris Jones         | 2014-06-20 17:59 |                        |
| 4719 | Infrastructure | Task    | In Progress | Normal   | Replace CN client certificate  | Chris Jones         | 2014-09-24 18:14 | Environment.Production |
| 4716 | Infrastructure | Task    | In Progress | Normal   | refresh client certificate for urn:node:DRYAD                            | 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 |                        |
| 4714 | Infrastructure | Task    | In Progress | Normal   | Refresh client certificate for MN urn:node:TFRI                          | Chris Jones         | 2014-09-24 18:14 | Environment.Production |
| 4672 | Java Client    | Task    | In Progress | Normal   | mvn dependencies:analyse shows transitive dependencies:                  |                     | 2015-02-11 20:08 |                        |
| 4671 | Java Client    | Task    | In Progress | Normal   | suggest updating the following versions:                                 |                     | 2015-02-11 20:08 |                        |
| 4246 | Infrastructure | Task    | In Progress | Normal   | Determine why cn-stage-ucsb-1 LDAP syncrpl is failing                    | Michael Campfield   | 2014-10-31 17:42 | Environment.Stage1     |
| 4192 | Infrastructure | Task    | In Progress | Normal   | Notify MN implementations of the discrepancy in exception definition     | Dave Vieglais       | 2014-09-24 18:28 | Management             |

| #    | Project        | Tracker | Status      | Priority | Subject  | Assignee       | Updated          | Category               |
|------|----------------|---------|-------------|----------|--|----------------|------------------|------------------------|
| 4189 | Infrastructure | Task    | In Progress | Normal   | Update dataoneErrors.xsd to match the documentation                      | Dave Vieglais  | 2017-01-14 00:24 | d1_schemas             |
| 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            |
| 4136 | Infrastructure | Task    | In Progress | Normal   | Make cosmetic changes to the distribution map                            | Chris Jones    | 2014-03-31 17:41 | d1_dashboard           |
| 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 |                        |
| 4053 | Infrastructure | Task    | In Progress | Normal   | Architect OPeNDAP MN   | Dave Vieglais  | 2013-10-06 20:11 | mn.OPeNDAP             |
| 4046 | Member Nodes   | Task    | In Progress | Normal   | Laura to check with Mike re USGS-NWRC planning                           | Laura Moyers   | 2013-11-03 21:43 |                        |
| 4045 | Member Nodes   | Task    | In Progress | Normal   | Conversation with Laura/Mike re USGS ScienceBase planning                | Laura Moyers   | 2014-05-30 19:45 |                        |
| 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           |
| 3905 | Infrastructure | Task    | In Progress | Normal   | Sort out shell logins for splunk system                                  | Bruce Wilson   | 2013-08-23 13:27 | Support Operations     |
| 3868 | Member Nodes   | Task    | In Progress | Normal   | Verify TFRI node is running NTP  | Ben Leinfelder | 2013-08-05 17:25 |                        |
| 3864 | Infrastructure | Task    | In Progress | Normal   | Release CCI 1.2.1 Features   | Chris Jones    | 2013-09-12 20:04 | Environment.Production |
| 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      |
| 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 |
| 3419 | Infrastructure | Task    | In Progress | Normal   | CNRead.describe() does not return Content-Length header                  | Chris Jones    | 2013-02-21 18:41 | Metacat                |
| 3332 | Infrastructure | Task    | In Progress | Normal   | Revise use cases and add sample code                                     | Dave Vieglais  | 2014-09-24 18:27 | Documentation          |
| 3220 | Member Nodes   | Task    | In Progress | Normal   | contact iEcolab to determine possible MN role                            | Ben Leinfelder | 2013-10-01 17:53 |                        |
| 3185 | Member Nodes   | Task    | In Progress | Normal   | Make initial contact with FRAMES for participation as a MN               | Dave Vieglais  | 2012-09-05 02:12 |                        |
| 3114 | Infrastructure | Task    | In Progress | Normal   | Release D1_CLIENT_CLI and prepare for version 2                          | Andrew Pippin  | 2012-08-02 17:27 |                        |
| 3109 | Infrastructure | Task    | In Progress | Normal   | PISCO/LTER revision history with SBC documents                           | Ben Leinfelder | 2012-07-31 01:34 |                        |
| 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      |

| #    | Project        | Tracker | Status      | Priority | Subject   | Assignee       | Updated          | Category       |
|------|----------------|---------|-------------|----------|---|----------------|------------------|----------------|
| 3046 | Infrastructure | Task    | In Progress | Normal   | Create utility to update ORE maps with invalid date formats                     | Ben Leinfelder | 2012-08-14 23:41 |                |
| 2956 | Infrastructure | Task    | In Progress | Normal   | content-checking tests for MNs entering an environment                          | Rob Nahf       | 2014-10-01 22:04 | d1_integration |
| 2827 | Infrastructure | Task    | In Progress | Normal   | nesting groups requires schema change*  | Dave Vieglais  | 2015-06-25 22:00 | d1_schemas     |
| 2642 | Infrastructure | Task    | In Progress | Normal   | Try installing GMN according to the setup instructions                          | Andrew Pippin  | 2012-07-06 16:25 | d1_mn_GMN      |
| 2585 | Infrastructure | Task    | In Progress | Normal   | Update Use Case 09  | Skye Roseboom  | 2014-09-11 15:47 | d1_replication |
| 2169 | Infrastructure | Task    | In Progress | Normal   | Design content and layout for status page                                       | Dave Vieglais  | 2012-03-14 20:40 | d1_monitor     |
| 1556 | Infrastructure | Task    | In Progress | High     | Interns mailing list  |                | 2011-05-12 23:02 |                |
| 1479 | CN REST        | Task    | In Progress | Normal   | Design web UI for validating newly created identities                           | Ben Leinfelder | 2015-01-19 22:59 |                |
| 1467 | Infrastructure | Task    | In Progress | Normal   | Complete d1_schema changes for Authz and Authn.                                 | Matthew Jones  | 2014-10-01 20:47 | Documentation  |
| 1159 | Infrastructure | Task    | In Progress | Normal   | Add description of Group creation and management to design specs.               | Matthew Jones  | 2014-10-01 20:47 |                |
| 1061 | Infrastructure | Task    | In Progress | Normal   | Identify approach to IdentityMapping  | Matthew Jones  | 2014-10-01 20:47 |                |
| 1048 | Infrastructure | Task    | In Progress | Normal   | Write authorization system specification  | Matthew Jones  | 2014-10-01 20:47 |                |
| 1047 | Infrastructure | Task    | In Progress | Normal   | Write Authentication system specification                                       | Matthew Jones  | 2014-10-01 20:47 |                |
| 1035 | Infrastructure | Task    | In Progress | Normal   | Develop reference architecture documents  | Bruce Wilson   | 2011-03-03 19:26 | Documentation  |
| 907  | Infrastructure | Task    | In Progress | Normal   | unify d1_integration for multiple environments and test languages               | Rob Nahf       | 2012-10-16 21:34 | d1_integration |
| 5835 | Member Nodes   | Task    | Ready       | Normal   | GBIF: Local Testing   | Rob Nahf       | 2019-01-24 16:53 |                |
| 8858 | Infrastructure | Task    | New         | Normal   | Update CN Apache configs in version control with directives to support sitemaps | Bryce Mecum    | 2020-02-24 19:26 |                |
| 8830 | Member Nodes   | Task    | New         | Normal   | Requirements Analysis   | John Evans     | 2019-08-06 14:44 |                |
| 8829 | Member Nodes   | Task    | New         | High     | get DKAN connected to GMN   | John Evans     | 2019-09-03 13:24 |                |
| 8817 | Infrastructure | Task    | New         | Normal   | Configure sitemaps on the CN  | Jing Tao       | 2020-03-12 18:30 |                |
| 8811 | Infrastructure | Task    | New         | Normal   | Merge 2.3.9 changes to trunk  | Jing Tao       | 2019-05-21 13:06 |                |
| 8810 | CN REST        | Task    | New         | Normal   | Verify configuration of portal certificates                                     |                | 2019-05-21 13:00 |                |
| 8809 | CN REST        | Task    | New         | Normal   | Adjust portal.properties for certificate configuration                          |                | 2019-05-21 12:57 |                |

| #    | Project        | Tracker | Status | Priority | Subject  | Assignee      | Updated          | Category               |
|------|----------------|---------|--------|----------|--|---------------|------------------|------------------------|
| 8808 | Infrastructure | Task    | New    | Normal   | Remove old versions of Tomcat  |               | 2019-05-21 12:49 |                        |
| 8807 | Infrastructure | Task    | New    | Normal   | remove old versions of postgres  |               | 2019-05-21 12:47 |                        |
| 8804 | Infrastructure | Task    | New    | Normal   | Add ldap backup config to cn os-core                                     | Dave Vieglais | 2019-05-21 12:32 | dataone-cn-os-core     |
| 8793 | Infrastructure | Task    | New    | Normal   | Replace ONEMercury installation  |               | 2019-05-01 14:04 |                        |
| 8792 | Infrastructure | Task    | New    | Normal   | Create landing page for redirection from ONEMercury                      |               | 2019-05-01 14:03 |                        |
| 8778 | CN REST        | Task    | New    | Normal   | Ensure SystemMetadata replica auditing updates are saved and broadcast   | Chris Jones   | 2019-03-12 16:54 | d1_replication_auditor |
| 8777 | CN REST        | Task    | New    | Normal   | Configure CN to audit objects greater than 1GB                           | Chris Jones   | 2019-03-13 20:50 | d1_replication_auditor |
| 8776 | CN REST        | Task    | New    | Normal   | Set valid replica status to completed                                    | Chris Jones   | 2019-03-12 15:57 | d1_replication_auditor |
| 8755 | Infrastructure | Task    | New    | Normal   | Expand EML indexing support for EML 2.2                                  | Bryce Mecum   | 2019-08-15 01:50 |                        |
| 8754 | Infrastructure | Task    | New    | Normal   | Add EML 2.2 to CN formats list   | Bryce Mecum   | 2018-12-19 00:54 |                        |
| 8753 | Infrastructure | Task    | New    | Normal   | Add support for EML 2.2 (indexing, view)                                 | Bryce Mecum   | 2018-12-19 00:54 |                        |
| 8747 | Infrastructure | Task    | New    | Normal   | Adjust package configuration to persist changes between updates          | Dave Vieglais | 2018-11-16 17:32 |                        |
| 8746 | Infrastructure | Task    | New    | Normal   | Require email address from user when logging in via ORCID                |               | 2018-11-16 05:57 |                        |
| 8742 | Member Nodes   | Task    | New    | Normal   | GMN upgrade from 2.4.1 to 3.2.0  | Roger Dahl    | 2018-11-13 19:14 |                        |
| 8730 | Member Nodes   | Task    | New    | Normal   | Plan the Implementation (NCAR)   |               | 2018-10-11 17:21 |                        |
| 8729 | Member Nodes   | Task    | New    | Normal   | Requirements Analysis  |               | 2018-10-11 17:24 |                        |
| 8723 | Member Nodes   | Task    | New    | Low      | tDAR: Implemented IP Whitelisting on tDAR systems / Impacts to reporting | Amy Forrester | 2018-10-02 16:51 |                        |
| 8703 | Infrastructure | Task    | New    | Normal   | test the cleaned up indexer in DEV                                       | Rob Nahf      | 2018-09-24 18:05 | d1_indexer             |
| 8697 | Member Nodes   | Task    | New    | Normal   | ESSDIVE: anonymous download issue  | Chris Jones   | 2018-09-13 19:40 |                        |
| 8685 | Member Nodes   | Task    | New    | Normal   | ONEShare - GMN upgrade 2.4.2 to 3.0.4                                    | Roger Dahl    | 2018-08-23 17:18 |                        |
| 8681 | Member Nodes   | Task    | New    | Normal   | NCEI - install new GMN   | Roger Dahl    | 2019-03-05 18:20 |                        |
| 8676 | Member Nodes   | Task    | New    | Normal   | NRDC -GMN upgrade 2.4.2 to 3.0.4   | Roger Dahl    | 2019-03-05 20:43 |                        |
| 8673 | Member Nodes   | Task    | New    | Normal   | Pangaea- GMN upgrade from 2.4.0 to 3.0.4                                 | Roger Dahl    | 2018-09-04 18:48 |                        |
| 8672 | Member Nodes   | Task    | New    | Normal   | CDL - upgrade GMN 2.4.0 to 3.0.4   | Roger Dahl    | 2018-08-23 17:13 |                        |
| 8670 | Member Nodes   | Task    | New    | Normal   | FEMC - upgrade GMN 2.3.7 to 3.0.4  | Roger Dahl    | 2019-08-02 18:22 |                        |
| 8668 | Member Nodes   | Task    | New    | Normal   | MPC- upgrade GMN version 1.2.10 to 3.0.4                                 | Roger Dahl    | 2019-03-05 20:35 |                        |
| 8646 | Member Nodes   | Task    | New    | Normal   | (cyverse) Formal Announcement  |               | 2018-07-19 18:31 |                        |
| 8645 | Member Nodes   | Task    | New    | Normal   | (Cyverse) Mutual acceptance  | Amy Forrester | 2018-07-05 14:26 |                        |
| 8644 | Member Nodes   | Task    | New    | Normal   | (Cyverse) Register in Production   |               | 2018-07-05 14:25 |                        |
| 8643 | Member Nodes   | Task    | New    | Normal   | (Cyverse) Implement in Production Environment                            |               | 2018-07-05 14:25 |                        |
| 8636 | Member Nodes   | Task    | New    | Normal   | DAAC: Test Registration  |               | 2018-07-02 14:58 |                        |
| 8635 | Member Nodes   | Task    | New    | Normal   | DAAC: Develop or Implement MN Software                                   |               | 2018-07-02 15:00 |                        |

| #    | Project               | Tracker | Status | Priority | Subject   | Assignee      | Updated          | Category           |
|------|-----------------------|---------|--------|----------|---|---------------|------------------|--------------------|
| 8614 | Member Nodes          | Task    | New    | Normal   | BCO-DMO: testing the member node  | Matthew Jones | 2018-06-13 15:48 |                    |
| 8604 | Infrastructure        | Task    | New    | Normal   | Update the static IP lists for robots etc   | Dave Vieglais | 2018-06-07 20:56 | d1_log_aggregation |
| 8594 | Member Nodes          | Task    | New    | Normal   | GOA: replicate to Research Workspace  | Matthew Jones | 2018-05-15 17:40 |                    |
| 8590 | Member Nodes          | Task    | New    | Normal   | ARM: Requirements Analysis  |               | 2018-05-10 20:50 |                    |
| 8587 | Member Nodes          | Task    | New    | Normal   | Add DataONE Logo to SanParks website  | Jing Tao      | 2018-05-09 21:19 |                    |
| 8576 | Search UI             | Task    | New    | Normal   | Remove Code Changes Specific to Appearance of Data Citation for PANGAEA formatID  | Monica Ihli   | 2018-04-30 13:29 |                    |
| 8534 | Member Nodes          | Task    | New    | Normal   | GCOOS: Technical Requirements & Design Planning   |               | 2018-04-09 20:18 |                    |
| 8531 | Member Nodes          | Task    | New    | Normal   | Training & education  |               | 2018-04-06 15:11 |                    |
| 8529 | DataONE API           | Task    | New    | Normal   | Add field to Solr index that includes the obsolescence chain  |               | 2018-04-10 05:21 |                    |
| 8528 | DataONE API           | Task    | New    | Normal   | Add MNRead.getVersions, CNRead.getVersions  |               | 2018-04-03 19:26 |                    |
| 8519 | Testing MN Management | Task    | New    | Normal   | meow: Formal Announcement   |               | 2018-03-22 20:45 |                    |
| 8518 | Testing MN Management | Task    | New    | Normal   | meow: Mutual Acceptance   |               | 2018-03-22 20:45 |                    |
| 8517 | Testing MN Management | Task    | New    | Normal   | meow: Register in Production  |               | 2018-03-22 20:45 |                    |
| 8516 | Testing MN Management | Task    | New    | Normal   | meow: Implement in Production   |               | 2018-03-22 20:45 |                    |
| 8514 | Infrastructure        | Task    | New    | Normal   | deploy new Metacat / synchronization slows down because of increased cn.create times  | Rob Nahf      | 2018-03-22 17:07 | d1_synchronization |
| 8507 | Infrastructure        | Task    | New    | Normal   | Support generation of citation metadata records from dublin core  |               | 2018-03-19 22:37 |                    |
| 8506 | Infrastructure        | Task    | New    | Normal   | Identify ISO metadata terms appropriate for population of data citation elements of the solr search index                         |               | 2018-10-04 18:17 |                    |
| 8505 | Infrastructure        | Task    | New    | Normal   | Review solr terms for coverage of data citation elements  | Monica Ihli   | 2018-03-19 21:57 |                    |
| 8499 | Infrastructure        | Task    | New    | Normal   | Improve rendering of <a href="http://www.isotc211.org/2005/gmd-pangaea">http://www.isotc211.org/2005/gmd-pangaea</a> in search UI |               | 2018-05-01 01:07 |                    |
| 8467 | Testing MN Management | Task    | New    | Normal   | test: Display as Upcoming   |               | 2018-03-01 21:04 |                    |
| 8466 | Testing MN Management | Task    | New    | Normal   | test: Test Registration   |               | 2018-03-01 21:04 |                    |
| 8465 | Testing MN Management | Task    | New    | Normal   | test: Develop or Implement MN Software  |               | 2018-03-01 21:04 |                    |
| 8464 | Testing MN Management | Task    | New    | Normal   | test: Metadata Validation   |               | 2018-03-01 21:04 |                    |
| 8383 | Testing MN Management | Task    | New    | Normal   | Feasibility Assessment  |               | 2018-02-27 17:32 |                    |

| #    | Project               | Tracker | Status | Priority | Subject   | Assignee      | Updated          | Category                      |
|------|-----------------------|---------|--------|----------|---|---------------|------------------|-------------------------------|
| 8382 | Testing MN Management | Task    | New    | Normal   | Initial Communications  |               | 2018-02-27 17:32 |                               |
| 8369 | Infrastructure        | Task    | New    | Normal   | Verify operation and transfer DNS   | Dave Vieglais | 2018-02-15 17:40 |                               |
| 8362 | Infrastructure        | Task    | New    | Normal   | Add the indication that the cn account list is sliced                         |               | 2018-02-12 17:48 |                               |
| 8356 | Testing MN Management | Task    | New    | Normal   | Formal Announcement   |               | 2018-02-23 19:06 |                               |
| 8355 | Testing MN Management | Task    | New    | Normal   | Mutual Acceptance   |               | 2018-02-08 15:28 |                               |
| 8354 | Testing MN Management | Task    | New    | Normal   | Register in Production  |               | 2018-02-08 15:28 |                               |
| 8353 | Testing MN Management | Task    | New    | Normal   | Implement in Production   |               | 2018-02-08 15:29 |                               |
| 8351 | Testing MN Management | Task    | New    | Normal   | Display as Upcoming   |               | 2018-02-08 15:28 |                               |
| 8350 | Testing MN Management | Task    | New    | Normal   | Test Registration   |               | 2018-02-08 15:28 |                               |
| 8349 | Testing MN Management | Task    | New    | Normal   | Develop or Implement MN Software  |               | 2018-02-08 15:28 |                               |
| 8348 | Testing MN Management | Task    | New    | Normal   | Metadata Validation   |               | 2018-02-08 15:28 |                               |
| 8346 | Testing MN Management | Task    | New    | Normal   | Training & Education  |               | 2018-02-08 15:28 |                               |
| 8345 | Testing MN Management | Task    | New    | Normal   | Technical Requirements  |               | 2018-02-08 15:28 |                               |
| 8344 | Testing MN Management | Task    | New    | Normal   | MN Communications   |               | 2018-02-22 19:47 |                               |
| 8342 | Testing MN Management | Task    | New    | Normal   | Feasibility Assessment  |               | 2018-02-22 19:19 |                               |
| 8341 | Testing MN Management | Task    | New    | Normal   | Initial Communications  |               | 2018-02-22 19:14 |                               |
| 8308 | Infrastructure        | Task    | New    | Normal   | Review use of /node/subject in the node documents                             |               | 2018-02-06 20:05 |                               |
| 8247 | Member Nodes          | Task    | New    | Normal   | Verify upgraded metacat is operating correctly as a production member node.   | Jing Tao      | 2018-02-02 15:49 |                               |
| 8246 | Member Nodes          | Task    | New    | Normal   | Upgrade metacat to the latest version   | Jing Tao      | 2018-04-23 16:09 |                               |
| 8238 | Infrastructure        | Task    | New    | Normal   | Document contacts and procedure for using KU ORCID membership API key         | Dave Vieglais | 2018-01-09 02:22 | Authentication, Authorization |
| 8237 | Infrastructure        | Task    | New    | Normal   | Configure production environment to use new API key under KU ORCID membership | Dave Vieglais | 2018-01-09 02:21 | Authentication, Authorization |
| 8236 | Infrastructure        | Task    | New    | Normal   | Acquire ORCID API key under KU membership                                     | Dave Vieglais | 2018-01-09 02:21 |                               |

| #    | Project        | Tracker | Status | Priority | Subject  | Assignee      | Updated          | Category          |
|------|----------------|---------|--------|----------|--|---------------|------------------|-------------------|
| 8235 | Infrastructure | Task    | New    | Normal   | Arrange with KU library to make use of ORCID membership to support DataONE authentication                                      | Dave Vieglais | 2018-01-09 02:01 |                   |
| 8232 | Member Nodes   | Task    | New    | Normal   | MN Dashboard/Website Deployment Workflow Documentation   | Dustin Allen  | 2018-01-08 23:30 |                   |
| 8230 | Infrastructure | Task    | New    | Normal   | review bouncy castle version   | Rob Nahf      | 2018-03-02 21:48 | d1_libclient_java |
| 8224 | Infrastructure | Task    | New    | Normal   | metacat not promoting node token privs for solr  | Jing Tao      | 2017-12-04 19:33 | Metacat           |
| 8222 | Infrastructure | Task    | New    | Normal   | reindex all isotc211 content in production to reflect final decisions from origin field mapping                                | Dave Vieglais | 2018-03-22 16:56 | d1_indexer        |
| 8206 | Infrastructure | Task    | New    | Normal   | Review and adjust memory allocation to Solr and zookeeper  |               | 2017-10-24 16:03 |                   |
| 8205 | Infrastructure | Task    | New    | Normal   | Adjust memory allocation to Tomcat7 on CNS   |               | 2017-10-24 15:33 |                   |
| 8171 | Infrastructure | Task    | New    | Normal   | Document hazelcast components to be moved to postgres storage  | Monica Ihli   | 2017-09-01 15:25 |                   |
| 8170 | Infrastructure | Task    | New    | Normal   | Identify the components that are currently managed in LDAP on the Coordinating Nodes and how these may be migrated to postgres | Monica Ihli   | 2017-09-01 15:20 |                   |
| 8169 | Infrastructure | Task    | New    | Normal   | Document process for changing the postgres master  | Monica Ihli   | 2017-09-01 15:09 |                   |
| 8168 | Infrastructure | Task    | New    | Normal   | Evaluate options for postgres replication configuration  | Monica Ihli   | 2017-09-01 15:11 |                   |
| 8154 | Member Nodes   | Task    | New    | Normal   | Test content from the test NKN member node should be archived or deleted from production                                       |               | 2017-07-26 19:55 |                   |
| 8151 | Infrastructure | Task    | New    | Normal   | CNs should verify that the authoritativeMN listed in SystemMetadata is a valid MN  | Jing Tao      | 2017-07-19 21:32 |                   |
| 8150 | Infrastructure | Task    | New    | Normal   | Enable CN certificate to alter authoritativeMN property in SystemMetadata  | Jing Tao      | 2017-07-19 21:27 |                   |
| 8149 | Member Nodes   | Task    | New    | Normal   | Test 1.x to 2.x pip upgrade w/ no data   | Monica Ihli   | 2017-09-26 15:57 |                   |
| 8146 | Member Nodes   | Task    | New    | Normal   | Failed Sync Parser   | Monica Ihli   | 2017-07-19 00:46 |                   |
| 8145 | Member Nodes   | Task    | New    | Normal   | Test Fabric  | Monica Ihli   | 2017-07-19 00:44 |                   |
| 8105 | Infrastructure | Task    | New    | Normal   | Remove dataone-mercury from production CNS   | Jing Tao      | 2018-03-02 22:17 | d1_mercury        |
| 8104 | Infrastructure | Task    | New    | Normal   | Upgrade postgresql jdbc jar file on Metacat  | Jing Tao      | 2017-06-02 20:58 | Metacat           |
| 8103 | Infrastructure | Task    | New    | Normal   | Upgrade the postgresql jdbc jar file on the cn context   | Jing Tao      | 2017-06-02 20:56 | d1_cn_service     |
| 8102 | Infrastructure | Task    | New    | Normal   | Upgrade postgresql jdbc jar file on Portal   | Jing Tao      | 2017-06-02 20:53 | d1_portal         |
| 8078 | Infrastructure | Task    | New    | Normal   | standardize task serialization for language independence   | Rob Nahf      | 2017-04-25 22:39 | d1_indexer        |
| 8077 | Search UI      | Task    | New    | Normal   | Use ORE PID for citation if DOI  |               | 2017-04-24 16:32 |                   |
| 8070 | Infrastructure | Task    | New    | Normal   | Consolidate the index application-context files  | Jing Tao      | 2017-04-13 12:51 |                   |
| 8066 | Infrastructure | Task    | New    | Normal   | Verify completeness of unit test MetacatRdfXmlSubprocessorTest   | Dave Vieglais | 2017-04-11 23:47 | d1_indexer        |
| 7992 | Member Nodes   | Task    | New    | Normal   | GINA: Document and Announce  | Laura Moyers  | 2017-01-27 22:19 |                   |
| 7991 | Member Nodes   | Task    | New    | Normal   | GINA: Ensure MN appears on Current MNs webpage (dashboard)   | Laura Moyers  | 2017-01-27 22:19 |                   |
| 7990 | Member Nodes   | Task    | New    | Normal   | GINA: Mutual acceptance  | Laura Moyers  | 2017-01-27 22:18 |                   |
| 7989 | Member Nodes   | Task    | New    | Normal   | GINA: Verify CN Content and Services in Production   | Laura Moyers  | 2017-01-27 22:18 |                   |
| 7988 | Member Nodes   | Task    | New    | Normal   | GINA: Register MN in Production  | Laura Moyers  | 2017-01-27 22:16 |                   |

| #    | Project        | Tracker | Status | Priority | Subject  | Assignee      | Updated          | Category           |
|------|----------------|---------|--------|----------|--|---------------|------------------|--------------------|
| 7987 | Member Nodes   | Task    | New    | Normal   | GINA: Verify MN Content and Services in Production   | Laura Moyers  | 2017-01-27 22:16 |                    |
| 7986 | Member Nodes   | Task    | New    | Normal   | GINA: Configure SSL Certificates for Production  | Amy Forrester | 2018-08-31 15:22 |                    |
| 7985 | Member Nodes   | Task    | New    | Normal   | GINA: Establish DataONE user identity in Production  | Laura Moyers  | 2017-01-27 22:15 |                    |
| 7984 | Member Nodes   | Task    | New    | Normal   | GINA: Show MN as "upcoming" on the dashboard   | Laura Moyers  | 2017-01-27 22:13 |                    |
| 7982 | Member Nodes   | Task    | New    | Normal   | GINA: Verify CN Content and Services in Testing Environment  | Laura Moyers  | 2017-01-27 18:59 |                    |
| 7981 | Member Nodes   | Task    | New    | Normal   | GINA: Register MN in Testing Environment   | Laura Moyers  | 2017-01-27 18:47 |                    |
| 7980 | Member Nodes   | Task    | New    | Normal   | GINA: Verify MN Content and Services in Testing Environment  | Laura Moyers  | 2017-01-27 18:46 |                    |
| 7979 | Member Nodes   | Task    | New    | Normal   | GINA: Configure SSL Certificates for Testing Environment   | Amy Forrester | 2018-08-31 15:23 |                    |
| 7978 | Member Nodes   | Task    | New    | Normal   | GINA: Establish DataONE user identity in Testing Environment   | Laura Moyers  | 2017-01-27 18:44 |                    |
| 7977 | Member Nodes   | Task    | New    | Normal   | GINA: Local Testing  | Roger Dahl    | 2017-01-27 18:46 |                    |
| 7976 | Member Nodes   | Task    | New    | Normal   | GINA: Register any new object formats in all environments  | Laura Moyers  | 2017-01-27 18:45 |                    |
| 7975 | Member Nodes   | Task    | New    | Normal   | GINA: Implement search index and display support for any new metadata formats required by the MN.  | Roger Dahl    | 2017-01-27 18:34 |                    |
| 7949 | Infrastructure | Task    | New    | Normal   | Ensure that there's no race condition where an entry can be added to "IN PROCESS" if it is already present                                   | Jing Tao      | 2017-02-27 17:55 |                    |
| 7935 | Infrastructure | Task    | New    | Normal   | Use a dedicated hazelcast queue as the listener to generate index task   | Jing Tao      | 2017-02-27 18:07 | d1_indexer         |
| 7926 | DUG            | Task    | New    | Normal   | Certification and standards for data repositories (e.g. ISO 17421:2012, Data Seal of Approval)   |               | 2016-11-08 22:00 |                    |
| 7925 | DUG            | Task    | New    | Normal   | Data Center certification  |               | 2016-11-08 21:33 |                    |
| 7922 | Infrastructure | Task    | New    | Normal   | DataONE Accessibility  | Isis Serna    | 2016-10-31 23:05 |                    |
| 7911 | CN REST        | Task    | New    | Normal   | Synchronization allows invalid checksums, preventing corrected sync  |               | 2016-10-17 15:58 | d1_synchronization |
| 7910 | Infrastructure | Task    | New    | Normal   | schema validation behavior   | Rob Nahf      | 2018-01-18 02:41 | d1_common_java     |
| 7909 | DUG            | Task    | New    | Normal   | DataONE update audio/visual equipment for remote link  |               | 2016-10-11 20:49 |                    |
| 7908 | DUG            | Task    | New    | Normal   | Start a lesson learned document  |               | 2016-10-11 20:35 |                    |
| 7907 | DUG            | Task    | New    | Normal   | Doodle poll on the time/date for monthly meeting   |               | 2016-10-11 20:35 |                    |
| 7903 | CN REST        | Task    | New    | Normal   | Need to implement/support the default http methods - HEAD and GET on all DataONE API (both cn and mn)  | Jing Tao      | 2016-10-10 16:53 | d1_cn_rest         |
| 7900 | Member Nodes   | Task    | New    | Normal   | R2R: modify searchUI to accommodate cruise path display for single data package  | Lauren Walker | 2016-10-04 23:43 |                    |
| 7899 | Member Nodes   | Task    | New    | Normal   | R2R: modify searchUI to accommodate composite data density with cruise paths   | Lauren Walker | 2016-10-05 03:51 |                    |
| 7884 | Infrastructure | Task    | New    | Normal   | CN portal log is misconfigured   | Rob Nahf      | 2016-09-09 20:18 | d1_portal_servlet  |
| 7883 | Infrastructure | Task    | New    | Normal   | Document the log files of relevance on Coordinating Nodes  |               | 2016-09-09 20:20 |                    |
| 7864 | DUG            | Task    | New    | Normal   | DOI Services for Members   |               | 2016-08-09 20:40 |                    |
| 7863 | DUG            | Task    | New    | Normal   | Link to the recordings   |               | 2016-08-09 20:40 |                    |
| 7862 | DUG            | Task    | New    | Normal   | DataONE DUG page may need updating ( <a href="https://www.dataone.org/dataone-users-group">https://www.dataone.org/dataone-users-group</a> ) |               | 2016-08-08 15:00 |                    |



| #    | Project          | Tracker | Status | Priority | Subject   | Assignee      | Updated          | Category               |
|------|------------------|---------|--------|----------|---|---------------|------------------|------------------------|
| 7850 | Infrastructure   | Task    | New    | Normal   | Passing SID to MNRead.systemMetadataChanged()   | Dave Vieglais | 2016-07-20 20:00 |                        |
| 7849 | CN REST          | Task    | New    | Normal   | Improve exception messages when cascading SSL derived exceptions  | Rob Nahf      | 2016-07-19 17:23 |                        |
| 7839 | DataONE API      | Task    | New    | Normal   | Online documentation places synchronize in CNRead api   | Dave Vieglais | 2016-12-21 09:04 | api_documentation      |
| 7838 | DataONE API      | Task    | New    | Normal   | Modify the obsolescence chain process to accommodate the use case where both old and new PIDs are present on the CN for v1 MNs  | Dave Vieglais | 2016-06-29 02:20 |                        |
| 7822 | Infrastructure   | Task    | New    | Normal   | Should we configure clients to use Expect 100-Continue header in 1.1 requests   | Rob Nahf      | 2016-06-03 19:46 | d1_libclient_java      |
| 7821 | Python Libraries | Task    | New    | Low      | Verify Expect: 100-Continue header on POST or PUT requests  | Roger Dahl    | 2016-06-03 19:58 | d1_libclient_python    |
| 7800 | DUG              | Task    | New    | Normal   | abstract reviews<br>( <a href="https://docs.google.com/document/d/1iZXCN4AWqYi5Z7wqMKb2o33QnQ_JAcV0KV04TeahHVA/edit">https://docs.google.com/document/d/1iZXCN4AWqYi5Z7wqMKb2o33QnQ_JAcV0KV04TeahHVA/edit</a> ) |               | 2016-05-10 15:18 |                        |
| 7774 | Infrastructure   | Task    | New    | Normal   | GMN: Move to Let's Encrypt  |               | 2016-05-09 22:16 |                        |
| 7767 | Infrastructure   | Task    | New    | Normal   | In DataONE search results, move map display to map extent   | Dave Vieglais | 2016-05-04 18:31 |                        |
| 7765 | Python GMN       | Task    | New    | Normal   | Add "logrotate" capability as part of the GMN deployment  | Roger Dahl    | 2016-05-04 02:38 |                        |
| 7750 | CN REST          | Task    | New    | Normal   | apply business rules on the CN that Subject strings will be stripped of leading and trailing whitespace   |               | 2016-04-26 17:30 |                        |
| 7749 | Member Nodes     | Task    | New    | Normal   | Evaluate disposition of the ESA MN's current content  | Matthew Jones | 2016-04-26 19:52 |                        |
| 7744 | Infrastructure   | Task    | New    | Normal   | put together initial design   |               | 2016-06-22 17:19 |                        |
| 7703 | Python GMN       | Task    | New    | Normal   | GMN populating ipAddress in LogEntry with abnormal strings  | Roger Dahl    | 2016-06-22 17:19 |                        |
| 7702 | Log Reporting    | Task    | New    | Normal   | abnormal strings in ipAddress field of solr   | Robert Waltz  | 2016-06-22 17:18 | d1_log_aggregation     |
| 7682 | Log Reporting    | Task    | New    | Normal   | Sluggish Purging Read Event Cache   |               | 2016-03-17 15:02 | d1_log_aggregation     |
| 7641 | Infrastructure   | Task    | New    | Normal   | contact ONEShare  | Laura Moyers  | 2016-02-12 16:40 | Environment.Production |
| 7607 | Infrastructure   | Task    | New    | Normal   | LTER_EUROPE refuses the production CN from harvesting log records   | Laura Moyers  | 2016-06-09 16:34 | Environment.Production |
| 7571 | CN REST          | Task    | New    | Normal   | Description for error code 401, detail code 4957 is misleading in some cases  |               | 2016-01-05 16:25 |                        |
| 7550 | Member Nodes     | Task    | New    | Normal   | GoA portal not copying to KNB   | Lauren Walker | 2015-12-14 21:41 |                        |
| 7538 | Infrastructure   | Task    | New    | Normal   | look at nodeFactory in how it builds mock CNodes  | Rob Nahf      | 2015-12-10 17:03 | d1_libclient_java      |
| 7537 | Infrastructure   | Task    | New    | Normal   | add nodelist refreshes to NodeLocator classes   | Rob Nahf      | 2015-12-10 16:59 | d1_libclient_java      |
| 7533 | DUG              | Task    | New    | Normal   | Create DUG 2016 Meeting page  |               | 2015-12-08 21:44 |                        |
| 7532 | DUG              | Task    | New    | Normal   | Registration Form for 2016.   |               | 2015-12-08 21:30 |                        |
| 7531 | DUG              | Task    | New    | Normal   | Quote request for EAB meeting   |               | 2015-12-08 20:13 |                        |
| 7525 | DUG              | Task    | New    | Normal   | assessment effort update  |               | 2015-12-07 22:25 |                        |
| 7524 | DUG              | Task    | New    | Normal   | Explore crowd sourcing for future DUG marketing effort  |               | 2015-12-07 22:25 |                        |
| 7484 | DUG              | Task    | New    | Normal   | DUG Agenda  |               | 2015-11-10 21:39 |                        |

| #    | Project                 | Tracker | Status | Priority | Subject  | Assignee      | Updated          | Category            |
|------|-------------------------|---------|--------|----------|--|---------------|------------------|---------------------|
| 7476 | DUG                     | Task    | New    | Normal   | Do we need an event management system to better organize the DUG?                  |               | 2015-11-09 22:43 |                     |
| 7475 | DUG                     | Task    | New    | Normal   | Work with Erin/ESIP to distribute the brochure widely to students/faculty from UNC |               | 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 |                     |
| 7473 | DUG                     | Task    | New    | Normal   | Draft 2016 DUG annual meeting brochure   |               | 2015-11-09 22:38 |                     |
| 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 |                     |
| 7427 | Python Libraries        | Task    | New    | Normal   | adjust API signatures in python libraries  | Dave Vieglais | 2016-03-25 01:11 | d1_libclient_python |
| 7425 | Python Libraries        | Task    | New    | Normal   | Replace httplib low level use in RestClient with the requests library              | Dave Vieglais | 2016-03-25 02:03 | d1_common_python    |
| 7279 | Infrastructure          | Task    | New    | Normal   | MN implementation documentation - need document management solution                | Dave Vieglais | 2015-07-28 22:24 | Documentation       |
| 7256 | Python Libraries        | Task    | New    | Normal   | add cnclient.synchronize method  | Roger Dahl    | 2016-04-21 22:37 |                     |
| 7229 | Python GMN              | Task    | New    | Normal   | non-standard server certificate locations  | Roger Dahl    | 2016-04-21 22:37 |                     |
| 7199 | Python GMN              | Task    | New    | Normal   | Implement support for token authentication approach                                | Dave Vieglais | 2016-03-25 01:27 |                     |
| 7184 | Infrastructure          | Task    | New    | Normal   | Create an Ansible script that can replace a server certificate                     | Nick Outin    | 2015-06-15 15:10 | Support Operations  |
| 7177 | Infrastructure          | Task    | New    | Normal   | Develop video documentation for certificate management                             | Dave Vieglais | 2015-06-10 01:33 | Documentation       |
| 7176 | Infrastructure          | Task    | New    | Normal   | Develop textual documentation for certificate management                           | Dave Vieglais | 2015-06-10 01:33 | Documentation       |
| 7169 | OGC-Slender Node        | Task    | New    | Normal   | Enable tracking of obsoletes / obsoleted by for data objects                       | Dave Vieglais | 2015-06-08 19:01 |                     |
| 7168 | OGC-Slender Node        | Task    | New    | Normal   | Generate system metadata for data objects  | Dave Vieglais | 2015-06-08 18:59 |                     |
| 7167 | OGC-Slender Node        | Task    | New    | Normal   | Generate system metadata for science metadata                                      | Dave Vieglais | 2015-06-08 18:58 |                     |
| 7162 | Python GMN              | Task    | New    | Low      | Member node does not check with coordinating node before replicating               |               | 2015-06-05 23:49 |                     |
| 7155 | OGC-Slender Node        | Task    | New    | Normal   | Design the connector, including sources of key information                         | Dave Vieglais | 2015-06-05 11:42 |                     |
| 7127 | DataONE API             | Task    | New    | Normal   | Finalize CNAAuthentication interface   | Dave Vieglais | 2015-05-21 19:31 | api_documentation   |
| 7125 | Python GMN              | Task    | New    | Normal   | Handle Authorization header carrying authentication token                          | Roger Dahl    | 2016-04-21 22:37 |                     |
| 7123 | Python Libraries        | Task    | New    | Normal   | Send Authorization header carrying authentication token                            | Roger Dahl    | 2016-04-21 22:37 | d1_libclient_python |
| 7104 | Infrastructure          | Task    | New    | Normal   | Event index reindexing shouldn't require re-harvest from MNs                       |               | 2015-07-09 15:34 | d1_log_aggregation  |
| 7103 | Member Nodes            | Task    | New    | Normal   | Create a new test certificate for mnStagePISCO                                     | Dave Vieglais | 2015-05-14 18:29 |                     |
| 7096 | CN REST                 | Task    | New    | Normal   | Unexpectedly closed streams / disconnects on UNM network                           | Dave Vieglais | 2015-05-12 17:49 |                     |
| 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       |
| 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 |                     |
| 6877 | Infrastructure          | Task    | New    | Normal   | Support for ISO 19115 metadata standard  |               | 2015-03-10 18:08 | Format ID           |
| 6876 | Infrastructure          | Task    | New    | Normal   | Support for ISO 19139 metadata standard  |               | 2015-03-10 17:27 | Format ID           |
| 6761 | Infrastructure          | Task    | New    | Normal   | unregister extraneous nodes in STAGE-2   |               | 2015-01-14 00:49 | Environment.Stage2  |

| #    | Project        | Tracker | Status | Priority | Subject   | Assignee      | Updated          | Category            |
|------|----------------|---------|--------|----------|---|---------------|------------------|---------------------|
| 6760 | Infrastructure | Task    | New    | Normal   | rename mnDemo9 node   |               | 2015-01-14 00:44 |                     |
| 6754 | Infrastructure | Task    | New    | Normal   | Architecture API loose ends   | Dave Vieglais | 2015-01-13 18:54 | Architecture Design |
| 6748 | Java Client    | Task    | New    | Normal   | Create a factory / builder class for converting versioned types.  |               | 2015-02-11 19:47 |                     |
| 6706 | Infrastructure | Task    | New    | Normal   | CN-SANDBOX initiated synchronization with mnTestLTER before node was "approved"                                 | Robert Waltz  | 2015-10-09 17:38 | Environment.Sandbox |
| 6701 | Member Nodes   | Task    | New    | Normal   | FTGEN: Document and Announce  |               | 2014-12-04 20:07 |                     |
| 6700 | Member Nodes   | Task    | New    | Normal   | FTGEN: Ensure MN appears on Current MNs webpage (dashboard)   |               | 2014-12-04 20:07 |                     |
| 6699 | Member Nodes   | Task    | New    | Normal   | FTGEN: Mutual acceptance  |               | 2014-12-04 20:07 |                     |
| 6698 | Member Nodes   | Task    | New    | Normal   | FTGEN: Check Authentication and Authorization 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 |                     |
| 6696 | Member Nodes   | Task    | New    | Normal   | FTGEN: Register MN in 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 |                     |
| 6694 | Member Nodes   | Task    | New    | Normal   | FTGEN: Configure SSL Certificates for Production  |               | 2014-12-04 20:07 |                     |
| 6693 | Member Nodes   | Task    | New    | Normal   | FTGEN: Establish DataONE user identity in Production  |               | 2014-12-04 20:07 |                     |
| 6692 | Member Nodes   | Task    | New    | Normal   | FTGEN: Show MN as "upcoming" on the dashboard   |               | 2014-12-04 20:07 |                     |
| 6691 | Member Nodes   | Task    | New    | Normal   | FTGEN: Check Authentication and Authorization 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 |                     |
| 6689 | Member Nodes   | Task    | New    | Normal   | FTGEN: Register MN in 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 |                     |
| 6687 | Member Nodes   | Task    | New    | Normal   | FTGEN: Configure SSL Certificates for Testing Environment   |               | 2014-12-04 20:07 |                     |
| 6686 | Member Nodes   | Task    | New    | Normal   | FTGEN: Establish DataONE user identity in Testing Environment   |               | 2014-12-04 20:07 |                     |
| 6685 | Member Nodes   | Task    | New    | Normal   | FTGEN: Local Testing  |               | 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 |                     |
| 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 |                     |
| 6682 | Member Nodes   | Task    | New    | Normal   | FTGEN: Design, code and component test a new MN implementation  |               | 2014-12-04 20:07 |                     |
| 6681 | Member Nodes   | Task    | New    | Normal   | FTGEN: Plan the implementation  |               | 2014-12-04 20:07 |                     |
| 6680 | Member Nodes   | Task    | New    | Normal   | FTGEN: Scope the implementation   |               | 2014-12-04 20:07 |                     |
| 6679 | Member Nodes   | Task    | New    | Normal   | FTGEN: Join DataONE   |               | 2014-12-04 20:07 |                     |
| 6624 | Infrastructure | Task    | New    | Normal   | link Node Identity arch. spec. to OperationDocs Node Reg page   |               | 2014-11-21 20:29 | Documentation       |
| 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 |                     |
| 6565 | Infrastructure | Task    | New    | Normal   | Configure Jenkins jobs for ezid (ezid-client)   | Rob Nahf      | 2014-12-15 18:36 |                     |
| 6514 | Infrastructure | Task    | New    | Normal   | Reharvest all Records to build initial cache  | Robert Waltz  | 2015-01-13 15:56 | d1_log_aggregation  |
| 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      |

| #    | Project        | Tracker | Status | Priority | Subject  | Assignee          | Updated          | Category           |
|------|----------------|---------|--------|----------|--|-------------------|------------------|--------------------|
| 6483 | Infrastructure | Task    | New    | Normal   | DataONE xsede VM at ORC  | Michael Campfield | 2014-10-24 10:54 |                    |
| 6478 | Infrastructure | Task    | New    | Normal   | move mncheck VM to a different VMhost  | Dave Vieglais     | 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       |
| 6398 | Infrastructure | Task    | New    | Normal   | update MNWebTest operations docs   | 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       |
| 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 |
| 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 |                    |
| 6380 | Member Nodes   | Task    | New    | Normal   | ICMBIO: Initial Preparation  |                   | 2015-11-19 17:21 |                    |
| 6376 | Infrastructure | Task    | New    | Normal   | test the new strategy against working ReplicationManager test                                    | Rob Nahf          | 2016-06-22 16:53 | d1_replication     |
| 6367 | Infrastructure | Task    | New    | Normal   | Update drive firmware on P2-1 UCSB SAN Array   | Nick Outin        | 2014-09-08 20:19 | Hardware           |

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