

## Issues

| #    | Project          | Tracker | Status      | Priority | Subject   | Assignee       | Updated          | Category                      |
|------|------------------|---------|-------------|----------|---|----------------|------------------|-------------------------------|
| 7807 | Infrastructure   | Story   | New         | Low      | cn.synchronize should support synchronization failure corrections.                        |                | 2018-01-17 19:15 | Architecture Design           |
| 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             |
| 5468 | Python Libraries | Story   | New         | Low      | Remove dead code from D1 Python stack   | Roger Dahl     | 2018-01-17 19:57 |                               |
| 7095 | Python GMN       | Story   | New         | Low      | Support HTTP redirect capability for GMN within the Vendor Specific Extension model       | Dave Vieglaiss | 2016-03-25 02:30 |                               |
| 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 |                               |
| 7859 | Infrastructure   | Story   | New         | Normal   | Add formatID for the STL 3d model file format   | Dave Vieglaiss | 2018-01-17 19:04 |                               |
| 8762 | Infrastructure   | Story   | New         | Normal   | Add new formats to CN   |                | 2019-02-07 20:03 |                               |
| 8204 | Infrastructure   | Story   | New         | Normal   | Adjust memory allocation for services running under JVM on CNs                            |                | 2018-01-09 19:10 |                               |
| 4650 | Infrastructure   | Story   | New         | Normal   | Allow MN to bias resolve to the authoritative MN  | Rob Nahf       | 2018-01-17 20:00 | d1_cn_common                  |
| 8848 | Infrastructure   | Story   | New         | Normal   | A minor difference of annotation index between CN and MN                                  |                | 2019-11-01 21:37 |                               |
| 8589 | Member Nodes     | Story   | New         | Normal   | ARM: Re-Discovery & Planning  |                | 2018-05-10 21:44 |                               |
| 6850 | Java Client      | Story   | New         | Normal   | automate Java Client releases   | Rob Nahf       | 2018-01-17 19:42 | d1_libclient_java             |
| 8521 | Member Nodes     | Story   | New         | Normal   | CAFF: Testing & Development   |                | 2018-04-06 15:17 |                               |
| 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             |
| 2488 | Infrastructure   | Story   | New         | Normal   | Changing the authoritativeMembernode will require all replica's systemMetadata be updated | Dave Vieglaiss | 2018-01-17 20:39 | d1_synchronization            |
| 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           |
| 8806 | Infrastructure   | Story   | New         | Normal   | Cleanup from OS upgrades  |                | 2019-05-21 12:45 |                               |
| 8851 | Infrastructure   | Story   | New         | Normal   | CN sends error doc with "pid" to v2 endpoint  | Jing Tao       | 2019-11-06 22:31 | d1_synchronization            |
| 8791 | Infrastructure   | Story   | New         | Normal   | Complete deprecation of ONEMercury interface  | Rob Nahf       | 2019-05-01 14:00 | d1_mercury                    |
| 8832 | Member Nodes     | Story   | New         | Normal   | Conflict between pyshacl and owl on ubuntu  | John Evans     | 2019-08-05 19:32 |                               |
| 8038 | Infrastructure   | Story   | In Progress | Normal   | connect logging output to a log analysis tool   | Dave Vieglaiss | 2018-01-17 18:52 | d1_synchronization            |
| 7358 | Infrastructure   | Story   | In Progress | Normal   | ContactSubject on NodeList must be valid D1 ldap entry                                    | Dave Vieglaiss | 2016-12-21 09:05 | Authentication, Authorization |
| 3591 | Infrastructure   | Story   | In Progress | Normal   | Content consistency checks for new member nodes   | Rob Nahf       | 2018-01-17 20:23 | MNWebChecker                  |
| 6513 | Infrastructure   | Story   | New         | Normal   | Create a Local Cache of all Membernode log records on the single master CN                | Dave Vieglaiss | 2018-01-17 19:49 | d1_log_aggregation            |
| 725  | Infrastructure   | Story   | In Progress | Normal   | Create Authentication and Access control design specifications                            | Dave Vieglaiss | 2018-01-17 20:52 | Documentation                 |

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|------|-----------------------|---------|-------------|----------|--|---------------|------------------|-------------------------|
| 7166 | OGC-Slender Node      | Story   | New         | Normal   | Create ORE document for an NODC data package   | Dave Vieglais | 2015-06-08 18:50 |                         |
| 8225 | Member Nodes          | Story   | In Progress | Normal   | Customize Indexing & View for gmd-pangaea  | Rob Nahf      | 2018-05-17 14:30 |                         |
| 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 |                         |
| 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 |
| 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          |
| 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      |
| 8634 | Member Nodes          | Story   | New         | Normal   | DAAC: Testing & Development  | Dave Vieglais | 2018-07-02 14:55 |                         |
| 7650 | Infrastructure        | Story   | New         | Normal   | DAO for SystemMetadata changes the SystemMetadata.replicationPolicy  | Rob Nahf      | 2018-01-17 19:31 | d1_cn_common            |
| 4188 | Infrastructure        | Story   | In Progress | Normal   | dataone Exception definition and implementation requires clarification   | Dave Vieglais | 2018-01-17 20:05 | d1_schemas              |
| 8736 | Infrastructure        | Story   | New         | Normal   | Decouple the index generator to the hazelcast system metadata map  |               | 2019-01-22 19:27 | d1_indexer              |
| 8862 | Infrastructure        | Story   | New         | Normal   | Deploy a new dataone-cn-rest release   | Jing Tao      | 2020-04-23 16:24 |                         |
| 5141 | Infrastructure        | Story   | In Progress | Normal   | Describe the mn.updateSystemMetadata behavior in use case document   | Dave Vieglais | 2018-01-17 19:58 | Documentation           |
| 2944 | Infrastructure        | Story   | New         | Normal   | Design and implement a MN kill switch mechanism  | Dave Vieglais | 2018-01-17 20:30 | Support Operations      |
| 7146 | OGC-Slender Node      | Story   | In Progress | Normal   | Determine formatId for content retrievable from NODC services  | Dave Vieglais | 2015-06-05 13:37 |                         |
| 7668 | Infrastructure        | Story   | New         | Normal   | Determine how indexing of data packages should work  | Jing Tao      | 2018-01-17 19:28 | d1_indexer              |
| 8084 | Infrastructure        | Story   | New         | Normal   | determine the backup strategy for rabbitMQ   | Rob Nahf      | 2018-01-17 18:46 | d1_indexer              |
| 1644 | DataONE API           | Story   | New         | Normal   | Develop an object format creation policy   |               | 2018-01-17 20:46 |                         |
| 8081 | Infrastructure        | Story   | In Progress | Normal   | develop federated broker configuration for indexing  | Rob Nahf      | 2018-01-17 18:46 | d1_indexer              |
| 7559 | Infrastructure        | Story   | New         | Normal   | Develop plan for securing application passwords in the CN stack  | Dave Vieglais | 2018-01-17 19:34 | Architecture Design     |
| 8061 | Infrastructure        | Story   | New         | Normal   | develop queue-based processing system for the CN   | Rob Nahf      | 2018-01-17 19:00 | Architecture Design     |
| 8340 | Testing MN Management | Story   | New         | Normal   | Discovery  |               | 2018-02-08 15:28 |                         |
| 8381 | Testing MN Management | Story   | New         | Normal   | Discovery  |               | 2018-02-27 17:32 |                         |
| 8358 | Member Nodes          | Story   | In Progress | Normal   | Discovery & Planning (CAFF)  | Amy Forrester | 2018-04-06 14:56 |                         |

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| 8109 | Infrastructure   | Story   | New         | Normal   | Does authentication token need to include group information?  | Dave Viegla | 2018-01-17 18:45 | Authentication, Authorization |
| 8367 | Infrastructure   | Story   | New         | Normal   | Duplicate jenkins jobs from UNM to UCSB   | Dave Viegla | 2019-01-22 19:25 | Support Operations            |
| 8849 | Infrastructure   | Story   | New         | Normal   | During sync, the CN does not detect error returned from getChecksum()   | Jing Tao    | 2019-11-06 22:07 |                               |
| 8074 | Python GMN       | Story   | New         | Normal   | Eliminate unnecessary setuid/setgid programs  | Roger Dahl  | 2018-01-17 18:48 |                               |
| 4278 | Infrastructure   | Story   | New         | Normal   | EML indexing - handle multiple temporalCoverage and spatialCoverage elements  | Jing Tao    | 2018-01-17 20:04 | d1_indexer                    |
| 8167 | Infrastructure   | Story   | New         | Normal   | Enable postgres replication between Coordinating Nodes  | Monica Ihli | 2018-01-09 19:10 | dataone-cn-os-core            |
| 8155 | Infrastructure   | Story   | In Progress | Normal   | Ensure GMN fully supports the Package API   | Roger Dahl  | 2018-01-17 18:43 | d1_mn_GMN                     |
| 8364 | CN REST          | Story   | In Progress | Normal   | Ensure portal uses correct X509 certificates  |             | 2019-05-21 12:57 | d1_portal_servlet             |
| 8756 | CN REST          | Story   | New         | Normal   | Ensure replica auditor is effective   | Chris Jones | 2019-01-15 21:00 | d1_replication_auditor        |
| 8869 | Infrastructure   | Story   | New         | Normal   | Equivalent identities show owning different amount of packages.   | Jing Tao    | 2020-09-24 22:34 | d1_indexer                    |
| 4091 | Infrastructure   | Story   | New         | Normal   | ESRI GeoPortal MN stack   |             | 2013-10-15 13:36 |                               |
| 7170 | OGC-Slender Node | Story   | New         | Normal   | Evaluate the feasibility of extracting provenance information from the journal.txt document                           | Dave Viegla | 2015-06-08 21:28 |                               |
| 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                |
| 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        |
| 8749 | CN REST          | Story   | New         | Normal   | Fix log aggregation events from the CN without associated CN IPs  | Dave Viegla | 2019-05-01 22:25 |                               |
| 8779 | Infrastructure   | Story   | New         | Normal   | ForesiteResourceMap performance issue   | Rob Nahf    | 2019-03-25 18:48 | d1_indexer                    |
| 5833 | Member Nodes     | Story   | In Progress | Normal   | GBIF: Developing  |             | 2019-02-19 18:24 |                               |
| 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 |                               |
| 5895 | Member Nodes     | Story   | New         | Normal   | GBIF: Transition to production  |             | 2018-01-22 18:41 |                               |
| 7151 | OGC-Slender Node | Story   | In Progress | Normal   | Generate system metadata for content  | Dave Viegla | 2015-06-08 18:58 |                               |
| 8032 | Python GMN       | Story   | In Progress | Normal   | GMN v2  | Roger Dahl  | 2018-01-17 18:55 |                               |
| 8734 | Infrastructure   | Story   | New         | Normal   | Hazelcast shutdown tied to out of memory exception!   | Rob Nahf    | 2018-10-18 16:55 | Metacat                       |
| 7716 | Infrastructure   | Story   | In Progress | Normal   | How to facilitate resubmission of sync Failures?  | Dave Viegla | 2018-01-17 19:22 | d1_synchronization            |
| 8738 | Infrastructure   | Story   | In Progress | Normal   | HZEventFilter performance decline with increased task queue   | Rob Nahf    | 2018-10-30 04:10 | d1_indexer                    |

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| 8819 | Member Nodes          | Story   | New         | Normal   | IEDA documents not in DataONE   |             | 2019-06-13 19:20 |                        |
| 7149 | OGC-Slender Node      | Story   | Testing     | Normal   | Implement mechanism to retrieve a list of objects available from repository   | Dave Viegla | 2015-06-05 13:37 |                        |
| 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             |
| 8831 | Member Nodes          | Story   | New         | Normal   | Import error with schema_org.data   | John Evans  | 2019-08-05 18:57 |                        |
| 4463 | Infrastructure        | Story   | In Progress | Normal   | Incorporate Node Replication Policy into replication processing   | Rob Nahf    | 2018-01-17 20:03 | d1_replication         |
| 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             |
| 8363 | Infrastructure        | Story   | New         | Normal   | indexer shutdown generates index tasks  | Rob Nahf    | 2018-09-24 15:25 | d1_indexer             |
| 8702 | Infrastructure        | Story   | New         | Normal   | Indexing Refactor Strategy  | Rob Nahf    | 2018-09-24 18:05 | d1_indexer             |
| 8758 | Infrastructure        | Story   | New         | Normal   | Index replicationStatus field   | Jing Tao    | 2019-01-14 18:00 | d1_indexer             |
| 3656 | Infrastructure        | Story   | New         | Normal   | integration testing: what are acceptable pids for update?   | Roger Dahl  | 2018-01-17 20:22 |                        |
| 8540 | Infrastructure        | Story   | New         | Normal   | interesting 15 minute Hazelcast timeout in IndexProcessor   | Rob Nahf    | 2018-04-12 04:32 | d1_indexer             |
| 8172 | Infrastructure        | Story   | In Progress | Normal   | investigate atomic updates for some solr updates  | Rob Nahf    | 2018-01-17 18:39 | d1_indexer             |
| 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             |
| 8771 | CN REST               | Story   | New         | Normal   | Issue with LDAP when updating `nodeReplicationPolicy`   | Dave Viegla | 2019-03-05 19:43 | d1_cn_rest             |
| 8213 | Member Nodes          | Story   | New         | Normal   | KUBI node is not responding as a MN   | Dave Viegla | 2017-11-06 22:18 |                        |
| 8602 | Infrastructure        | Story   | New         | Normal   | Log aggregation and augmentation process mid 2018 updates   | Dave Viegla | 2018-06-07 20:49 | d1_log_aggregation     |
| 8853 | Infrastructure        | Story   | New         | Normal   | Make cn.resolve smarter   |             | 2019-11-15 16:50 |                        |
| 8073 | Python GMN            | Story   | New         | Normal   | Make sure unnecessary services are disabled   | Roger Dahl  | 2018-01-17 18:48 |                        |
| 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             |
| 7605 | Infrastructure        | Story   | New         | Normal   | MemberNodes not authorizing CN to harvest log records   | Dave Viegla | 2018-01-17 19:33 | Environment.Production |
| 6395 | Infrastructure        | Story   | In Progress | Normal   | Menber Node testers are stuck when the MNWebTester hangs / crashes  | Rob Nahf    | 2018-01-17 19:51 | MNWebChecker           |
| 8515 | Testing MN Management | Story   | New         | Normal   | meow: Move to Production  |             | 2018-03-22 20:45 |                        |
| 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             |
| 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     |
| 7920 | Infrastructure        | Story   | In Progress | Normal   | migrate apache2 authorization rules from 2.2 conforming to 2.4  | Dave Viegla | 2018-01-17 18:59 | d1_cn_buildout         |

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| 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                |
| 8366 | Infrastructure        | Story   | New         | Normal   | Migrate jenkins continuous integration from UNM to UCSB   | Dave Vieglaiss | 2019-01-22 19:26 | Support Operations            |
| 6796 | Python Libraries      | Story   | New         | Normal   | Migrate to Python v3  | Roger Dahl     | 2018-01-17 19:43 |                               |
| 8352 | Testing MN Management | Story   | New         | Normal   | Move to Production  |                | 2018-02-08 15:28 |                               |
| 8727 | Member Nodes          | Story   | In Progress | Normal   | NCAR Discovery & Assessment   |                | 2019-01-22 18:34 |                               |
| 7810 | Infrastructure        | Story   | New         | Normal   | Need to avoid buffer overflow condition during HTTP client TLS renegotiation                          | Rob Nahf       | 2018-01-17 19:09 |                               |
| 8535 | Member Nodes          | Story   | In Progress | Normal   | Neotoma: Story: Discovery & Planning  | Amy Forrester  | 2018-04-09 21:14 |                               |
| 6759 | DataONE API           | Story   | New         | Normal   | ObjectFormat Management   | Dave Vieglaiss | 2015-01-19 23:17 |                               |
| 7407 | Infrastructure        | Story   | In Progress | Normal   | object formats in the d1_common_java bootstrap list are inconsistent with production                  | Dave Vieglaiss | 2016-03-15 16:49 | d1_indexer                    |
| 7640 | Infrastructure        | Story   | New         | Normal   | ONEShare failing with ServiceFailure  | Laura Moyers   | 2016-02-12 16:39 | Environment.Production        |
| 6069 | Infrastructure        | Story   | New         | Normal   | open ask.dataone.org sign-in to community   | Dave Vieglaiss | 2014-10-01 20:39 | Documentation                 |
| 4052 | Infrastructure        | Story   | In Progress | Normal   | OPeNDAP MN Story  |                | 2013-10-06 20:07 | mn.OPeNDAP                    |
| 7611 | Infrastructure        | Story   | New         | Normal   | ORNLDAAC fails during log aggregation   | Laura Moyers   | 2016-01-26 16:39 | Environment.Production        |
| 8574 | Search UI             | Story   | New         | Normal   | PANGAEA Temporary Fix: SID only in Data Citation  | Bryce Mecum    | 2018-05-01 01:45 |                               |
| 8343 | Testing MN Management | Story   | New         | Normal   | Planning  |                | 2018-02-08 15:28 |                               |
| 8833 | Member Nodes          | Story   | New         | Normal   | Problems utilizing pyshacl within SlenderNodes  | John Evans     | 2019-08-09 18:20 |                               |
| 7224 | Infrastructure        | Story   | New         | Normal   | push synchronization request status indicator: synchronizeStatus method option                        |                | 2018-01-17 19:38 | Architecture Design           |
| 8856 | Infrastructure        | Story   | New         | Normal   | Put the system metadata part ahead of the object part when d1_client_python constructs the multipart  |                | 2019-11-22 18:31 | d1_python                     |
| 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             |
| 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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| 6071 | Infrastructure        | Story   | In Progress | Normal   | Release Notes and documentation   | Dave Vieglais | 2018-01-17 19:53 | 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         |
| 8582 | CN REST               | Story   | New         | Normal   | Replica Auditing service is throwing errors   | Jing Tao      | 2019-01-14 16:40 | d1_replication_auditor     |
| 8639 | Infrastructure        | Story   | New         | Normal   | Replication performance is too slow to service demand   | Chris Jones   | 2018-07-04 11:18 | d1_replication             |
| 8162 | Infrastructure        | Story   | New         | Normal   | Replication tasks can contain stale potential target nodes  | Rob Nahf      | 2018-03-02 21:47 | d1_replication             |
| 3720 | Infrastructure        | Story   | New         | Normal   | resource maps should be validated   | Dave Vieglais | 2018-01-17 20:17 | Documentation              |
| 7940 | Infrastructure        | Story   | New         | Normal   | Retrieval of system metadata is too slow  | Robert Waltz  | 2018-01-09 19:10 | d1_cn_service              |
| 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 |                            |
| 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             |
| 7712 | Infrastructure        | Story   | New         | Normal   | Sanparks fails during LogAggregation  | Laura Moyers  | 2016-04-06 16:43 | Environment.Productio<br>n |
| 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                 |
| 8842 | Infrastructure        | Story   | New         | Normal   | Some exceptions in Metacat  |               | 2019-09-19 17:53 |                            |
| 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         |
| 8504 | Infrastructure        | Story   | New         | Normal   | Support creation of data citation record from solr record   | Monica Ihli   | 2018-07-17 23:06 | d1_indexer                 |
| 6883 | Infrastructure        | Story   | New         | Normal   | support for ESRI Shapefile object format  |               | 2018-01-17 19:40 | Format ID                  |
| 7754 | Search UI             | Story   | In Progress | Normal   | Support for XSL transform of various metadata formats   | Bryce Mecum   | 2018-05-17 14:18 | MetacatUI                  |
| 6543 | Infrastructure        | Story   | New         | Normal   | Support RIF-CS metadata standard  | Dave Vieglais | 2018-01-17 19:46 | Format ID                  |
| 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        |
| 8864 | CN REST               | Story   | New         | Normal   | Synchronization does not register authoritative replica entry correctly   | Jing Tao      | 2020-06-19 21:59 | d1_synchronization         |
| 7889 | Infrastructure        | Story   | New         | Normal   | Synchronization not happening when authoritativeMN is not set correctly.  | Rob Nahf      | 2018-01-17 19:01 | d1_synchronization         |
| 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         |
| 8347 | Testing MN Management | Story   | New         | Normal   | Testing & Development   |               | 2018-02-08 15:28 |                            |
| 8463 | Testing MN Management | Story   | New         | Normal   | test: Testing & Development   |               | 2018-03-01 21:04 |                            |
| 7882 | Infrastructure        | Story   | In Progress | Normal   | Tune CN logfile management  | Dave Vieglais | 2018-01-17 19:03 |                            |

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| 8368 | Infrastructure   | Story   | New         | Normal   | Update backup strategy for jenkins job configurations to subversion                           | Dave Viegla   | 2019-01-22 19:25 | Support Operations            |
| 7183 | Infrastructure   | Story   | New         | Normal   | Update wild card server certificate on all test.dataone.org systems                           | Dave Viegla   | 2015-06-15 15:10 | Support Operations            |
| 7219 | Python GMN       | Story   | In Progress | Normal   | Upgrade Django version used by GMN, add better support for PUT operations                     | Dave Viegla   | 2016-03-25 01:24 |                               |
| 8244 | Member Nodes     | Story   | New         | Normal   | Upgrade Member Node to current version of Metacat (IOE)                                       | Amy Forrester | 2018-01-25 15:36 |                               |
| 8782 | Infrastructure   | Story   | New         | Normal   | Upgrade OS to Ubuntu 18.04 on CNs   | Jing Tao      | 2019-03-22 18:12 |                               |
| 8234 | Infrastructure   | Story   | New         | Normal   | Use University of Kansas ORCID membership to support authentication in production environment | Dave Viegla   | 2018-01-09 19:10 | Authentication, Authorization |
| 8683 | Member Nodes     | Story   | New         | Normal   | USGS SDC: redeploy as a v2 Slender Node with GMN  | John Evans    | 2019-05-15 14:03 |                               |
| 8796 | Infrastructure   | Story   | New         | Normal   | Various issues with service access after upgrade to 18.04                                     | Jing Tao      | 2019-05-21 12:38 |                               |
| 8173 | Infrastructure   | Story   | New         | High     | add checks for retrograde systemMetadata changes  | Jing Tao      | 2018-01-17 18:38 | d1_indexer                    |
| 8823 | Infrastructure   | Story   | New         | High     | Recent Apache and OpenSSL combinations break connectivity on Ubuntu 18.04                     | Dave Viegla   | 2019-06-19 02:43 |                               |
| 8525 | Infrastructure   | Story   | In Progress | High     | timeout exceptions thrown from Hazelcast disable synchronization                              | Rob Nahf      | 2018-11-16 17:32 | d1_synchronization            |
| 1585 | Infrastructure   | Task    | New         | Low      | add exec-maven-plugin to trigger python integration tests at verify phase.                    | Rob Nahf      | 2012-10-16 21:32 |                               |
| 2286 | Infrastructure   | Task    | New         | Low      | Change Exceptions.InvalidToken to Exceptions.InvalidSession                                   | Dave Viegla   | 2014-10-02 17:21 | Documentation                 |
| 3156 | Infrastructure   | Task    | New         | Low      | Design Review: resource map indexing strategy   | Skye Roseboom | 2012-08-27 18:51 | d1_indexer                    |
| 3333 | Infrastructure   | Task    | New         | Low      | Generalize mk_* scripts for host name   | Dave Viegla   | 2012-10-11 18:50 | Support Operations            |
| 991  | Infrastructure   | Task    | New         | Low      | implement HEAD /resolve/<guid>  |               | 2010-10-13 22:02 |                               |
| 817  | Infrastructure   | Task    | New         | Low      | Integration testing: Make Java and Python stack return values equal for each function.        | Roger Dahl    | 2012-10-08 18:47 |                               |
| 7162 | Python GMN       | Task    | New         | Low      | Member node does not check with coordinating node before replicating                          |               | 2015-06-05 23:49 |                               |
| 2281 | Infrastructure   | Task    | New         | Low      | Possibly update the Identity Management and Authenticated Session Management doc              | Matthew Jones | 2014-10-01 20:47 | Authentication, Authorization |
| 1559 | Java Client      | Task    | New         | Low      | Refactor d1_libclient_java echo tests   | Rob Nahf      | 2015-02-11 19:49 | d1_libclient_java             |
| 8723 | Member Nodes     | Task    | New         | Low      | tDAR: Implemented IP Whitelisting on tDAR systems / Impacts to reporting                      | Amy Forrester | 2018-10-02 16:51 |                               |
| 2147 | Infrastructure   | Task    | New         | Low      | The Python stack does not support Unicode supplementary characters (above 0xffff)             | Roger Dahl    | 2012-04-16 03:50 | d1_common_python              |
| 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           |
| 3763 | Infrastructure   | Task    | New         | Low      | Visualize PyPI download statistics for Python components                                      | Roger Dahl    | 2014-10-01 21:32 | d1_dashboard                  |
| 3878 | Infrastructure   | Task    | New         | Normal   | 4.2.1.1 Missing and Out-of-Date Documentation   | Dave Viegla   | 2014-09-24 18:27 |                               |

| #    | Project          | Tracker | Status      | Priority | Subject   | Assignee          | Updated          | Category                   |
|------|------------------|---------|-------------|----------|---|-------------------|------------------|----------------------------|
| 3879 | Infrastructure   | Task    | New         | Normal   | 4.2.1.2 Missing Policies and Expectations   |                   | 2014-09-24 18:27 | Environment.Productio<br>n |
| 3880 | Infrastructure   | Task    | New         | Normal   | 4.2.1.3 CiLogon Extension Not Documented  |                   | 2014-09-24 18:27 | Environment.Productio<br>n |
| 3881 | Infrastructure   | Task    | New         | Normal   | 4.2.1.4 Definition of Verified User Lacking   | Dave Viegla<br>is | 2014-09-24 18:27 | Documentation              |
| 7702 | Log Reporting    | Task    | New         | Normal   | abnormal strings in ipAddress field of solr   | Robert Waltz      | 2016-06-22 17:18 | d1_log_aggregation         |
| 7800 | DUG              | Task    | New         | Normal   | abstract reviews<br>( <a href="https://docs.google.com/document/d/1iZXCN4AWqYi5Z7wqMKb2o33QnQ_JAcV0KV04TeahHVA/edit">https://docs.google.com/document/d/1iZXCN4AWqYi5Z7wqMKb2o33QnQ_JAcV0KV04TeahHVA/edit</a> ) |                   | 2016-05-10 15:18 |                            |
| 8236 | Infrastructure   | Task    | New         | Normal   | Acquire ORCID API key under KU membership   | Dave Viegla<br>is | 2018-01-09 02:21 |                            |
| 3978 | Infrastructure   | Task    | In Progress | Normal   | Add a CN reporting script that summarizes spatial data for the dashboard  | Chris Jones       | 2014-03-31 17:41 | d1_dashboard               |
| 1646 | Infrastructure   | Task    | New         | Normal   | Add addFormat() to the CNCORE API   |                   | 2016-06-22 16:51 |                            |
| 3768 | Infrastructure   | Task    | New         | Normal   | Add canonical DataONE description paper to citing DataONE web-page  | Amber Budden      | 2013-05-16 22:20 | Community Engagement       |
| 2344 | Infrastructure   | Task    | New         | Normal   | Add category for Ben's style sheets in Redmine  | Dave Viegla<br>is | 2012-02-15 17:45 | Support Operations         |
| 7256 | Python Libraries | Task    | New         | Normal   | add cnclient.synchronize method   | Roger Dahl        | 2016-04-21 22:37 |                            |
| 3166 | Infrastructure   | Task    | New         | Normal   | Add d1_common_java and d1_libclient_java and their dependency jar   |                   | 2012-08-31 17:15 |                            |
| 3171 | Infrastructure   | Task    | New         | Normal   | Add d1_common_java d1_libclient_java and their dependency jar files to the morpho lib   |                   | 2012-08-31 17:27 |                            |
| 7181 | Python Libraries | Task    | In Progress | Normal   | add d1_libclient_python implementation  | Dave Viegla<br>is | 2016-04-21 22:37 | d1_libclient_python        |
| 8587 | Member Nodes     | Task    | New         | Normal   | Add DataONE Logo to SanParks website  | Jing Tao          | 2018-05-09 21:19 |                            |
| 1159 | Infrastructure   | Task    | In Progress | Normal   | Add description of Group creation and management to design specs.   | Matthew Jones     | 2014-10-01 20:47 |                            |
| 3807 | Infrastructure   | Task    | New         | Normal   | Add documentation for Types.QueryEngineDescription  | Dave Viegla<br>is | 2014-10-02 17:21 | Documentation              |
| 8754 | Infrastructure   | Task    | New         | Normal   | Add EML 2.2 to CN formats list  | Bryce Mecum       | 2018-12-19 00:54 |                            |
| 4102 | Infrastructure   | Task    | New         | Normal   | Add expiration policy for CNCORE.reservedIdentifier()   | Dave Viegla<br>is | 2014-10-02 17:21 | Documentation              |
| 8529 | DataONE API      | Task    | New         | Normal   | Add field to Solr index that includes the obsolescence chain  |                   | 2018-04-10 05:21 |                            |
| 8804 | Infrastructure   | Task    | New         | Normal   | Add ldap backup config to cn os-core  | Dave Viegla<br>is | 2019-05-21 12:32 | dataone-cn-os-core         |
| 7765 | Python GMN       | Task    | New         | Normal   | Add "logrotate" capability as part of the GMN deployment  | Roger Dahl        | 2016-05-04 02:38 |                            |
| 8528 | DataONE API      | Task    | New         | Normal   | Add MNRead.getVersions, CNRead.getVersions  |                   | 2018-04-03 19:26 |                            |

| #    | Project          | Tracker | Status      | Priority | Subject   | Assignee       | Updated          | Category            |
|------|------------------|---------|-------------|----------|---|----------------|------------------|---------------------|
| 7537 | Infrastructure   | Task    | New         | Normal   | add nodelist refreshes to NodeLocator classes   | Rob Nahf       | 2015-12-10 16:59 | d1_libclient_java   |
| 3721 | Java Client      | Task    | In Progress | Normal   | add resource map validation routine to libclient_java   | Rob Nahf       | 2015-02-11 20:42 | d1_libclient_java   |
| 3357 | Infrastructure   | Task    | New         | Normal   | Address ISet iterator bug that only iterates over a subset of the ISet                                  | Ben Leinfelder | 2012-12-12 16:54 | Metacat             |
| 2492 | Infrastructure   | Task    | New         | Normal   | Add status page for given {pid}   | Ben Leinfelder | 2012-03-15 02:02 | d1_monitor          |
| 8753 | Infrastructure   | Task    | New         | Normal   | Add support for EML 2.2 (indexing, view)  | Bryce Mecum    | 2018-12-19 00:54 |                     |
| 7137 | Python GMN       | Task    | Testing     | Normal   | Add support for V2 urls   | Dave Vieglais  | 2016-03-25 01:27 |                     |
| 3466 | Infrastructure   | Task    | New         | Normal   | Add synthetic key to systemMetadata table   | Ben Leinfelder | 2013-01-08 18:30 |                     |
| 4059 | Infrastructure   | Task    | New         | Normal   | Add test to verify node is reporting correct nodeld in log records                                      | Rob Nahf       | 2013-10-07 19:10 |                     |
| 8362 | Infrastructure   | Task    | New         | Normal   | Add the indication that the cn account list is sliced   |                | 2018-02-12 17:48 |                     |
| 7427 | Python Libraries | Task    | New         | Normal   | adjust API signatures in python libraries   | Dave Vieglais  | 2016-03-25 01:11 | d1_libclient_python |
| 8205 | Infrastructure   | Task    | New         | Normal   | Adjust memory allocation to Tomcat7 on CNs  |                | 2017-10-24 15:33 |                     |
| 8747 | Infrastructure   | Task    | New         | Normal   | Adjust package configuration to persist changes between updates   | Dave Vieglais  | 2018-11-16 17:32 |                     |
| 8809 | CN REST          | Task    | New         | Normal   | Adjust portal.properties for certificate configuration  |                | 2019-05-21 12:57 |                     |
| 4675 | Infrastructure   | Task    | New         | Normal   | Administratively delete those pids with the white spaces  |                | 2014-09-24 18:09 |                     |
| 1527 | Infrastructure   | Task    | New         | Normal   | Allow AccessPolicy to be set for groups   | Matthew Jones  | 2014-10-01 20:47 |                     |
| 3076 | Infrastructure   | Task    | New         | Normal   | Allow user to specify Morpho storage directory  |                | 2013-03-02 05:29 | Morpho              |
| 4666 | Java Client      | Task    | New         | Normal   | - All types have the same serialVersionUID (10000000)   |                | 2015-02-11 20:08 |                     |
| 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 |                     |
| 4053 | Infrastructure   | Task    | In Progress | Normal   | Architect OPeNDAP MN  | Dave Vieglais  | 2013-10-06 20:11 | mn.OPeNDAP          |
| 6754 | Infrastructure   | Task    | New         | Normal   | Architecture API loose ends   | Dave Vieglais  | 2015-01-13 18:54 | Architecture Design |
| 7929 | Member Nodes     | Task    | In Progress | Normal   | Archive content for SEAD  |                | 2016-11-09 17:11 |                     |
| 3518 | Member Nodes     | Task    | New         | Normal   | Arctos: New MN discussion   | Dave Vieglais  | 2013-01-25 18:27 |                     |
| 8590 | Member Nodes     | Task    | New         | Normal   | ARM: Requirements Analysis  |                | 2018-05-10 20:50 |                     |

| #    | 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 |                        |
| 7525 | DUG            | Task    | New         | Normal   | assessment effort update   |               | 2015-12-07 22:25 |                        |
| 8739 | Infrastructure | Task    | In Progress | Normal   | Attempting to set ulimit results in error on UCSB systems                                      | Jing Tao      | 2018-11-08 15:10 | d1_process_daemon      |
| 2464 | Infrastructure | Task    | New         | Normal   | Authentication - no space after comma in subjects  | Dave Vieglais | 2014-10-02 17:21 | Documentation          |
| 2466 | Infrastructure | Task    | New         | Normal   | Authentication - Remove references to Principal  | Dave Vieglais | 2014-10-02 17:21 | Documentation          |
| 2465 | Infrastructure | Task    | New         | Normal   | Authentication - Remove TODO about selecting format for principal name                         | Dave Vieglais | 2014-10-02 17:21 | Documentation          |
| 8614 | Member Nodes   | Task    | New         | Normal   | BCO-DMO: testing the member node   | Matthew Jones | 2018-06-13 15:48 |                        |
| 8522 | Member Nodes   | Task    | In Progress | Normal   | CAFF: MN Communications  | Amy Forrester | 2018-04-11 14:48 |                        |
| 8523 | Member Nodes   | Task    | In Progress | Normal   | CAFF: Technical Requirements & Design Planning   | Amy Forrester | 2018-06-14 14:21 |                        |
| 3080 | Infrastructure | Task    | New         | Normal   | Calling Dataone client library in morpho   |               | 2013-03-02 05:28 |                        |
| 3895 | Infrastructure | Task    | New         | Normal   | Can we add bugs to a task in a story?  |               | 2014-09-24 18:27 |                        |
| 8672 | Member Nodes   | Task    | New         | Normal   | CDL - upgrade GMN 2.4.0 to 3.0.4   | Roger Dahl    | 2018-08-23 17:13 |                        |
| 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 |                        |
| 5136 | Infrastructure | Task    | New         | Normal   | Change DNS settings on all DataONE VMs   | Chris Jones   | 2014-05-08 03:16 | Environment.Production |
| 3063 | Infrastructure | Task    | New         | Normal   | Change Mutability of Metadata documentation  | Dave Vieglais | 2014-09-24 18:27 | Documentation          |
| 4722 | Infrastructure | Task    | New         | Normal   | Clarify permissions for CN   | Dave Vieglais | 2014-10-02 17:21 |                        |
| 1481 | Infrastructure | Task    | New         | Normal   | Clarify spec that groups can own objects   | Matthew Jones | 2014-10-01 20:47 |                        |
| 1485 | Infrastructure | Task    | New         | Normal   | Clean up authn requirements listing  | Matthew Jones | 2014-10-01 20:47 |                        |
| 6168 | Infrastructure | Task    | New         | Normal   | CNAuthorization.setRightsHolder() returns 500 ServiceFailure                                   | Chris Jones   | 2014-08-29 16:01 | d1_cn_service          |
| 2342 | Infrastructure | Task    | New         | Normal   | CNCORE.reservedIdentifier() - Update REST description  | Dave Vieglais | 2014-10-02 17:21 | Documentation          |
| 6250 | Infrastructure | Task    | New         | Normal   | CN methods return 500 ServiceFailure when called with bogus test data and without certificates | Chris Jones   | 2014-08-29 18:59 | d1_cn_service          |
| 7884 | Infrastructure | Task    | New         | Normal   | CN portal log is misconfigured   | Rob Nahf      | 2016-09-09 20:18 | d1_portal_servlet      |

| #    | Project        | Tracker | Status      | Priority | Subject  | Assignee       | Updated          | Category               |
|------|----------------|---------|-------------|----------|--|----------------|------------------|------------------------|
| 3419 | Infrastructure | Task    | In Progress | Normal   | CNRead.describe() does not return Content-Length header                              | Chris Jones    | 2013-02-21 18:41 | Metacat                |
| 6166 | Infrastructure | Task    | New         | Normal   | CNRead.getChecksum() returns Content-Type of text/csv while it should be an xml type | Chris Jones    | 2014-08-29 15:04 | d1_cn_service          |
| 3314 | Infrastructure | Task    | New         | Normal   | CNRead.getQueryEngineDescription() - REST URL  | Dave Viegla    | 2014-10-02 17:21 | Documentation          |
| 3315 | Infrastructure | Task    | New         | Normal   | CNRead.query() - POST in addition to GET   | Dave Viegla    | 2014-10-02 17:21 | Documentation          |
| 2394 | Infrastructure | Task    | New         | Normal   | CNRead.search() - solr / SOLR  | Dave Viegla    | 2014-10-02 17:21 | Documentation          |
| 2131 | Infrastructure | Task    | New         | Normal   | CNRegister.updateNodeCapabilities() - nodeid -> nodeId                               | Dave Viegla    | 2014-10-02 17:21 |                        |
| 2054 | Infrastructure | Task    | New         | Normal   | CNReplication.setReplicationPolicy(), updateReplicationMetadata()                    | Dave Viegla    | 2014-10-02 17:21 | Documentation          |
| 2053 | Infrastructure | Task    | New         | Normal   | CNReplication.setReplicationStatus() - Add info about serialVersion                  |                | 2014-10-02 17:21 |                        |
| 2475 | Infrastructure | Task    | New         | Normal   | CNReplication.setReplicationStatus() - How to represent null                         | Dave Viegla    | 2014-10-02 17:21 | Documentation          |
| 6706 | Infrastructure | Task    | New         | Normal   | CN-SANDBOX initiated synchronization with mnTestLTER before node was "approved"      | Robert Waltz   | 2015-10-09 17:38 | Environment.Sandbox    |
| 7958 | Infrastructure | Task    | In Progress | Normal   | CN sometimes sends invalid submitSynchronizationFailed document to MN                | Rob Nahf       | 2017-01-04 17:23 | d1_synchronization     |
| 8151 | Infrastructure | Task    | New         | Normal   | CNs should verify that the authoritativeMN listed in SystemMetadata is a valid MN    | Jing Tao       | 2017-07-19 21:32 |                        |
| 3612 | Infrastructure | Task    | New         | Normal   | CN SystemMetadata has incomplete obsoletedBy information                             | Ben Leinfelder | 2013-03-08 17:43 | Environment.Production |
| 6378 | Infrastructure | Task    | Testing     | Normal   | code up the new strategy   | Rob Nahf       | 2016-06-22 16:53 | d1_replication         |
| 3411 | Member Nodes   | Task    | New         | Normal   | Collate documents of relevance to MN deployment and operation                        | Dave Viegla    | 2012-12-01 18:33 |                        |
| 3204 | Member Nodes   | Task    | New         | Normal   | Collate MN metadata for review   | Mike Frame     | 2015-12-03 19:36 |                        |
| 3208 | Member Nodes   | Task    | New         | Normal   | Collate node application metadata for the BIOTA - FAPESP MN                          | Matthew Jones  | 2015-12-03 19:36 |                        |
| 3210 | Member Nodes   | Task    | New         | Normal   | Collect application metadata for the AKN member node                                 | Ben Leinfelder | 2013-01-08 19:23 |                        |
| 3212 | Member Nodes   | Task    | New         | Normal   | Collect metadata for the Taiwan TERN member node                                     | Matthew Jones  | 2014-02-20 21:58 |                        |
| 1339 | Infrastructure | Task    | New         | Normal   | "common" -> "base" or "foundation"   |                | 2011-02-09 23:19 |                        |
| 3974 | Infrastructure | Task    | New         | Normal   | Complete agenda for meeting  | Dave Viegla    | 2013-09-11 20:59 |                        |
| 1467 | Infrastructure | Task    | In Progress | Normal   | Complete d1_schema changes for Authz and Authn.                                      | Matthew Jones  | 2014-10-01 20:47 | Documentation          |

| #    | Project        | Tracker | Status      | Priority | Subject   | Assignee       | Updated          | Category                      |
|------|----------------|---------|-------------|----------|---|----------------|------------------|-------------------------------|
| 1334 | Infrastructure | Task    | New         | Normal   | Completely remove detailCode  |                | 2011-02-09 22:51 |                               |
| 1890 | Infrastructure | Task    | New         | Normal   | Comply with Maven Central requirements for publishing artifacts               | Matthew Jones  | 2011-10-27 21:39 |                               |
| 1521 | Infrastructure | Task    | New         | Normal   | Compressed Response   |                | 2011-05-04 14:35 |                               |
| 8777 | CN REST        | Task    | New         | Normal   | Configure CN to audit objects greater than 1GB                                | Chris Jones    | 2019-03-13 20:50 | d1_replication_auditor        |
| 1225 | Infrastructure | Task    | New         | Normal   | Configure Hudson Metacat build  |                | 2011-01-13 14:41 | Metacat                       |
| 1227 | Infrastructure | Task    | New         | Normal   | configure Hudson to build Mercury for deployment to a CN                      | Dave Vieglais  | 2011-01-13 15:16 | d1_mercury                    |
| 3313 | Infrastructure | Task    | New         | Normal   | Configure indexer to handle inline eml data                                   | Skye Roseboom  | 2012-10-08 21:01 | d1_indexer                    |
| 6565 | Infrastructure | Task    | New         | Normal   | Configure Jenkins jobs for ezid (ezid-client)                                 | Rob Nahf       | 2014-12-15 18:36 |                               |
| 7890 | Infrastructure | Task    | In Progress | Normal   | configure jenkins-ucsb-1 apache server to host ubuntu repositories            | Rob Nahf       | 2017-04-19 19:12 |                               |
| 6569 | Infrastructure | Task    | New         | Normal   | configure jobs for tag 1.0.1, 1.0.0 and 0.9.0                                 | Rob Nahf       | 2014-11-14 17:56 |                               |
| 8237 | Infrastructure | Task    | New         | Normal   | Configure production environment to use new API key under KU ORCID membership | Dave Vieglais  | 2018-01-09 02:21 | Authentication, Authorization |
| 8817 | Infrastructure | Task    | New         | Normal   | Configure sitemaps on the CN  | Jing Tao       | 2020-03-12 18:30 |                               |
| 3577 | Infrastructure | Task    | New         | Normal   | Confusing message about "Ignored Tests present".                              | Rob Nahf       | 2013-02-14 22:36 | MNWebChecker                  |
| 8070 | Infrastructure | Task    | New         | Normal   | Consolidate the index application-context files                               | Jing Tao       | 2017-04-13 12:51 |                               |
| 3537 | Member Nodes   | Task    | New         | Normal   | Contact followup on Citisci.org MN prospect                                   | Laura Moyers   | 2014-03-28 18:03 |                               |
| 3216 | Member Nodes   | Task    | New         | Normal   | Contact GEO BON for possible MN   | Matthew Jones  | 2012-09-05 03:29 |                               |
| 3220 | Member Nodes   | Task    | In Progress | Normal   | contact iEcolab to determine possible MN role                                 | Ben Leinfelder | 2013-10-01 17:53 |                               |
| 5455 | Member Nodes   | Task    | In Progress | Normal   | Contact Line Pouchard to re-open discussion about PURL as a potential MN      | Bruce Wilson   | 2015-11-19 19:17 |                               |
| 3535 | Member Nodes   | Task    | New         | Normal   | Contact LITS prospect MN to scope out prospects                               | Matthew Jones  | 2013-01-30 21:15 |                               |
| 7641 | Infrastructure | Task    | New         | Normal   | contact ONEShare  | Laura Moyers   | 2016-02-12 16:40 | Environment.Production        |
| 3177 | Member Nodes   | Task    | New         | Normal   | Contact operators   | Matthew Jones  | 2012-09-05 01:46 |                               |
| 7612 | Infrastructure | Task    | In Progress | Normal   | Contact ORNLDAAC  | Laura Moyers   | 2016-02-11 18:02 | Environment.Production        |
| 3181 | Member Nodes   | Task    | New         | Normal   | Contact PFRP as potential MN  | Matthew Jones  | 2013-01-30 21:00 |                               |

| #    | Project        | Tracker | Status      | Priority | Subject  | Assignee       | Updated          | Category                      |
|------|----------------|---------|-------------|----------|--|----------------|------------------|-------------------------------|
| 2956 | Infrastructure | Task    | In Progress | Normal   | content-checking tests for MNs entering an environment                         | Rob Nahf       | 2014-10-01 22:04 | d1_integration                |
| 4045 | Member Nodes   | Task    | In Progress | Normal   | Conversation with Laura/Mike re USGS ScienceBase planning                      | Laura Moyers   | 2014-05-30 19:45 |                               |
| 2343 | Infrastructure | Task    | New         | Normal   | Convert style sheets to separate product                                       | Ben Leinfelder | 2012-02-15 17:43 |                               |
| 4068 | Member Nodes   | Task    | New         | Normal   | Coordinate discussions for biodiversity data in DataONE with TDWG participants | Dave Vieglaiss | 2016-06-17 19:31 |                               |
| 1552 | Java Client    | Task    | New         | Normal   | Copy TestSimpleMultipartEntity from d1_common_java to d1_integration           | Rob Nahf       | 2015-02-11 19:49 |                               |
| 7505 | Member Nodes   | Task    | In Progress | Normal   | Correct generous access policies   | Roger Dahl     | 2018-07-02 20:39 |                               |
| 6748 | Java Client    | Task    | New         | Normal   | Create a factory / builder class for converting versioned types.               |                | 2015-02-11 19:47 |                               |
| 7184 | Infrastructure | Task    | New         | Normal   | Create an Ansible script that can replace a server certificate                 | Nick Outin     | 2015-06-15 15:10 | Support Operations            |
| 7103 | Member Nodes   | Task    | New         | Normal   | Create a new test certificate for mnStagePISCO                                 | Dave Vieglaiss | 2015-05-14 18:29 |                               |
| 4704 | Infrastructure | Task    | New         | Normal   | Create a view of MN holdings from a CN perspective                             | Dave Vieglaiss | 2014-04-09 15:33 |                               |
| 3488 | Infrastructure | Task    | New         | Normal   | Create custom merge policy to support managing data/information inconsistency  | Chris Jones    | 2014-03-14 17:27 | Metacat                       |
| 2545 | Infrastructure | Task    | New         | Normal   | create d1_integration tests using for MN.generateIdentifier                    | Rob Nahf       | 2014-10-02 17:54 | d1_integration                |
| 2664 | Infrastructure | Task    | New         | Normal   | Create documentation for how transitivity is enacted for authorization         | Matthew Jones  | 2014-10-01 20:47 | Authentication, Authorization |
| 7533 | DUG            | Task    | New         | Normal   | Create DUG 2016 Meeting page   |                | 2015-12-08 21:44 |                               |
| 8792 | Infrastructure | Task    | New         | Normal   | Create landing page for redirection from ONEMercury                            |                | 2019-05-01 14:03 |                               |
| 1554 | Java Client    | Task    | New         | Normal   | Create MockHttpClient for testing in d1_common_java                            | Rob Nahf       | 2015-02-11 19:49 | d1_common_java                |
| 7138 | Python GMN     | Task    | Testing     | Normal   | Create new view functions  | Dave Vieglaiss | 2016-03-25 01:27 |                               |
| 1494 | Infrastructure | Task    | New         | Normal   | Create sequence diagrams for Authentication services.                          | Matthew Jones  | 2014-10-01 20:47 |                               |
| 7102 | Member Nodes   | Task    | In Progress | Normal   | Create test server certificate for test.piscoweb.org                           | Dave Vieglaiss | 2015-05-14 18:28 |                               |
| 3046 | Infrastructure | Task    | In Progress | Normal   | Create utility to update ORE maps with invalid date formats                    | Ben Leinfelder | 2012-08-14 23:41 |                               |
| 8646 | Member Nodes   | Task    | New         | Normal   | (cyverse) Formal Announcement  |                | 2018-07-19 18:31 |                               |
| 8643 | Member Nodes   | Task    | New         | Normal   | (Cyverse) Implement in Production Environment                                  |                | 2018-07-05 14:25 |                               |
| 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 |                               |

| #    | Project        | Tracker | Status      | Priority | Subject   | Assignee          | Updated          | Category            |
|------|----------------|---------|-------------|----------|---|-------------------|------------------|---------------------|
| 6034 | Infrastructure | Task    | In Progress | Normal   | d1_client_cli CCI 2.0 support   | Roger Dahl        | 2014-08-11 16:23 | d1_client_cli       |
| 6026 | Infrastructure | Task    | In Progress | Normal   | d1_common CCI 2.0 support   | Roger Dahl        | 2014-08-01 15:49 | d1_common_python    |
| 6033 | Infrastructure | Task    | In Progress | Normal   | d1_libclient_python CCI 2.0 support   | Roger Dahl        | 2014-08-11 16:22 | d1_libclient_python |
| 8635 | Member Nodes   | Task    | New         | Normal   | DAAC: Develop or Implement MN Software  |                   | 2018-07-02 15:00 |                     |
| 8633 | Member Nodes   | Task    | In Progress | Normal   | DAAC: Re-Training & Re-Deployment Planning  | Amy Forrester     | 2018-07-02 14:53 |                     |
| 8636 | Member Nodes   | Task    | New         | Normal   | DAAC: Test Registration   |                   | 2018-07-02 14:58 |                     |
| 7925 | DUG            | Task    | New         | Normal   | Data Center certification   |                   | 2016-11-08 21:33 |                     |
| 7922 | Infrastructure | Task    | New         | Normal   | DataONE Accessibility   | Isis Serna        | 2016-10-31 23:05 |                     |
| 7862 | DUG            | Task    | New         | Normal   | DataONE DUG page may need updating<br>( <a href="https://www.dataone.org/dataone-users-group">https://www.dataone.org/dataone-users-group</a> ) |                   | 2016-08-08 15:00 |                     |
| 7909 | DUG            | Task    | New         | Normal   | DataONE update audio/visual equipment for remote link   |                   | 2016-10-11 20:49 |                     |
| 6483 | Infrastructure | Task    | New         | Normal   | DataONE xsede VM at ORC   | Michael Campfield | 2014-10-24 10:54 |                     |
| 1484 | Infrastructure | Task    | New         | Normal   | Decide on format for Principals   | Matthew Jones     | 2014-10-01 20:47 |                     |
| 3643 | Infrastructure | Task    | New         | Normal   | Decide on future of stage-2 environment   | Robert Waltz      | 2015-01-14 00:41 |                     |
| 2660 | Infrastructure | Task    | New         | Normal   | Deciding on a key size for D1 certs   | Dave Vieglais     | 2014-10-02 17:21 | Documentation       |
| 1471 | Infrastructure | Task    | New         | Normal   | Define implicit curator role at Member Nodes.   | Matthew Jones     | 2014-10-01 20:47 |                     |
| 8514 | Infrastructure | Task    | New         | Normal   | deploy new Metacat / synchronization slows down because of increased cn.create times  | Rob Nahf          | 2018-03-22 17:07 | d1_synchronization  |
| 4661 | Java Client    | Task    | New         | Normal   | Deprecated methods give no indication of the (Java) version in which they will be removed   |                   | 2015-02-11 20:08 |                     |
| 7571 | CN REST        | Task    | New         | Normal   | Description for error code 401, detail code 4957 is misleading in some cases  |                   | 2016-01-05 16:25 |                     |
| 2123 | Infrastructure | Task    | New         | Normal   | Description of serialVersion  | Dave Vieglais     | 2014-10-02 17:21 | Documentation       |
| 1073 | Infrastructure | Task    | New         | Normal   | Design client application authentication redirection approach   | Matthew Jones     | 2014-10-01 20:47 | d1_identity_manager |
| 2169 | Infrastructure | Task    | In Progress | Normal   | Design content and layout for status page   | Dave Vieglais     | 2012-03-14 20:40 | d1_monitor          |
| 1482 | Infrastructure | Task    | New         | Normal   | Design mechanism to collapse two accounts into one  | Matthew Jones     | 2014-10-01 20:47 |                     |
| 2035 | Infrastructure | Task    | New         | Normal   | Design nagios system for monitoring CN locations  | Nick Outin        | 2014-09-24 18:29 | d1_monitor          |

| #    | Project               | Tracker | Status      | Priority | Subject   | Assignee          | Updated          | Category                      |
|------|-----------------------|---------|-------------|----------|---|-------------------|------------------|-------------------------------|
| 7155 | OGC-Slender Node      | Task    | New         | Normal   | Design the connector, including sources of key information  | Dave Vieglais     | 2015-06-05 11:42 |                               |
| 2168 | CN REST               | Task    | New         | Normal   | Design UI for identity validation   | Ben Leinfelder    | 2015-01-19 22:59 |                               |
| 1474 | Infrastructure        | Task    | New         | Normal   | Design verification process for new accounts  | Matthew Jones     | 2014-10-01 20:47 |                               |
| 1479 | CN REST               | Task    | In Progress | Normal   | Design web UI for validating newly created identities   | Ben Leinfelder    | 2015-01-19 22:59 |                               |
| 5988 | Infrastructure        | Task    | New         | Normal   | Determine cause of ldap "server not responding" errors between prod CNs                             | Jing Tao          | 2014-07-22 23:18 | Hardware                      |
| 7148 | OGC-Slender Node      | Task    | In Progress | Normal   | Determine formatId for science metadata   | Dave Vieglais     | 2015-09-22 16:27 |                               |
| 5498 | Infrastructure        | Task    | New         | Normal   | Determine the cause of the Jun2014 cn-orc-1 out of memory issue                                     | Michael Campfield | 2014-10-31 19:11 | Environment.Production        |
| 4246 | Infrastructure        | Task    | In Progress | Normal   | Determine why cn-stage-ucsb-1 LDAP syncrepl is failing  | Michael Campfield | 2014-10-31 17:42 | Environment.Stage1            |
| 3410 | Member Nodes          | Task    | New         | Normal   | Develop a Redmine Cheatsheet to help with a wider REDMine user community interacting with MN issues | John Cobb         | 2012-11-30 19:36 |                               |
| 2688 | Infrastructure        | Task    | New         | Normal   | Develop guidelines for how Subject entries are handled - creation, normalization, comparison        | Dave Vieglais     | 2014-09-24 18:27 | Documentation                 |
| 8349 | Testing MN Management | Task    | New         | Normal   | Develop or Implement MN Software  |                   | 2018-02-08 15:28 |                               |
| 1035 | Infrastructure        | Task    | In Progress | Normal   | Develop reference architecture documents  | Bruce Wilson      | 2011-03-03 19:26 | Documentation                 |
| 7176 | Infrastructure        | Task    | New         | Normal   | Develop textual documentation for certificate management  | Dave Vieglais     | 2015-06-10 01:33 | Documentation                 |
| 7177 | Infrastructure        | Task    | New         | Normal   | Develop video documentation for certificate management  | Dave Vieglais     | 2015-06-10 01:33 | Documentation                 |
| 8351 | Testing MN Management | Task    | New         | Normal   | Display as Upcoming   |                   | 2018-02-08 15:28 |                               |
| 4120 | Infrastructure        | Task    | New         | Normal   | Display total data downloads in the SummaryView header  | Skye Roseboom     | 2014-03-31 17:41 | d1_dashboard                  |
| 6167 | Infrastructure        | Task    | New         | Normal   | Docs for CNRead.search() say "SOLR" in capital but actual API expects "solr" in lower case          | Dave Vieglais     | 2014-10-02 17:21 | Documentation                 |
| 8238 | Infrastructure        | Task    | New         | Normal   | Document contacts and procedure for using KU ORCID membership API key                               | Dave Vieglais     | 2018-01-09 02:22 | Authentication, Authorization |
| 2018 | Infrastructure        | Task    | New         | Normal   | document DataONE CA operations procedures   | Matthew Jones     | 2012-04-23 17:53 | Support Operations            |
| 2033 | Infrastructure        | Task    | New         | Normal   | Document hardware / CN administrators and their contact info  | Dave Vieglais     | 2014-09-24 18:29 | Management                    |
| 8171 | Infrastructure        | Task    | New         | Normal   | Document hazelcast components to be moved to postgres storage                                       | Monica Ihli       | 2017-09-01 15:25 |                               |

| #    | Project          | Tracker | Status      | Priority | Subject   | Assignee      | Updated          | Category                      |
|------|------------------|---------|-------------|----------|---|---------------|------------------|-------------------------------|
| 8169 | Infrastructure   | Task    | New         | Normal   | Document process for changing the postgres master   | Monica Ihli   | 2017-09-01 15:09 |                               |
| 2549 | Infrastructure   | Task    | New         | Normal   | document the decision   | Matthew Jones | 2012-03-27 22:03 | Authentication, Authorization |
| 7883 | Infrastructure   | Task    | New         | Normal   | Document the log files of relevance on Coordinating Nodes   |               | 2016-09-09 20:20 |                               |
| 3811 | Infrastructure   | Task    | New         | Normal   | Document the "non-standard" certificates being used for accessing content in DataONE and it's member nodes      | Rob Nahf      | 2014-09-24 18:27 | Support Operations            |
| 3308 | Infrastructure   | Task    | New         | Normal   | Document the process for removing content contributed from a specific member node and/or the entire member node | Dave Vieglais | 2014-03-14 18:29 | Support Operations            |
| 2031 | Infrastructure   | Task    | New         | Normal   | Document the structure and interconnections of VM host hardware at UCSB   | Nick Outin    | 2014-09-24 18:29 | Hardware                      |
| 2030 | Infrastructure   | Task    | New         | Normal   | Document the structure and interconnections of VM host hardware at UNM  | Dave Vieglais | 2014-09-24 18:29 | Hardware                      |
| 2028 | Infrastructure   | Task    | New         | Normal   | Document VM specifications for CNs  | Dave Vieglais | 2014-09-24 18:29 | Management                    |
| 2029 | Infrastructure   | Task    | New         | Normal   | Document VM specifications for replication MNs  | Dave Vieglais | 2014-09-24 18:29 | Management                    |
| 7864 | DUG              | Task    | New         | Normal   | DOI Services for Members  |               | 2016-08-09 20:40 |                               |
| 7907 | DUG              | Task    | New         | Normal   | Doodle poll on the time/date for monthly meeting  |               | 2016-10-11 20:35 |                               |
| 7476 | DUG              | Task    | New         | Normal   | Do we need an event management system to better organize the DUG?   |               | 2015-11-09 22:43 |                               |
| 7473 | DUG              | Task    | New         | Normal   | Draft 2016 DUG annual meeting brochure  |               | 2015-11-09 22:38 |                               |
| 7474 | DUG              | Task    | New         | Normal   | Draft generic letter of invitation that DUG SC can carry and distribute widely.                                 |               | 2015-11-09 22:38 |                               |
| 7484 | DUG              | Task    | New         | Normal   | DUG Agenda  |               | 2015-11-10 21:39 |                               |
| 6396 | Infrastructure   | Task    | In Progress | Normal   | embed jetty server in d1_integration to run WebTests locally  | Rob Nahf      | 2014-10-01 20:34 | MNWebChecker                  |
| 3328 | Infrastructure   | Task    | New         | Normal   | Enable a data preview from the search results page  | Chris Jones   | 2012-10-23 19:34 | d1_mercury                    |
| 8150 | Infrastructure   | Task    | New         | Normal   | Enable CN certificate to alter authoritativeMN property in SystemMetadata                                       | Jing Tao      | 2017-07-19 21:27 |                               |
| 5313 | Java Client      | Task    | New         | Normal   | enable remote deployment of product packages from Hudson / Jenkins  | Rob Nahf      | 2015-02-11 20:34 |                               |
| 3616 | Infrastructure   | Task    | New         | Normal   | Enable ServiceMethodRestriction support in Metacat  | Chris Jones   | 2013-02-27 16:28 | Metacat                       |
| 7169 | OGC-Slender Node | Task    | New         | Normal   | Enable tracking of obsoletes / obsoleted by for data objects  | Dave Vieglais | 2015-06-08 19:01 |                               |
| 8778 | CN REST          | Task    | New         | Normal   | Ensure SystemMetadata replica auditing updates are saved and broadcast  | Chris Jones   | 2019-03-12 16:54 | d1_replication_auditor        |
| 7949 | Infrastructure   | Task    | New         | Normal   | Ensure that there's no race condition where an entry can be added to "IN PROCESS" if it is already present      | Jing Tao      | 2017-02-27 17:55 |                               |
| 2151 | Infrastructure   | Task    | New         | Normal   | Ensuring that cited objects are not deleted   |               | 2011-12-23 04:20 |                               |
| 8697 | Member Nodes     | Task    | New         | Normal   | ESSDIVE: anonymous download issue   | Chris Jones   | 2018-09-13 19:40 |                               |
| 5454 | Member Nodes     | Task    | New         | Normal   | Evaluate dataverse potential MN   | Bruce Wilson  | 2014-05-29 19:30 |                               |

| #    | Project               | Tracker | Status      | Priority | Subject  | Assignee       | Updated          | Category           |
|------|-----------------------|---------|-------------|----------|--|----------------|------------------|--------------------|
| 7749 | Member Nodes          | Task    | New         | Normal   | Evaluate disposition of the ESA MN's current content                                   | Matthew Jones  | 2016-04-26 19:52 |                    |
| 8469 | CN REST               | Task    | In Progress | Normal   | evaluate if ORCID API will continue to work after 1.2 is deprecated                    | Jing Tao       | 2018-03-22 16:54 | d1_portal_servlet  |
| 8168 | Infrastructure        | Task    | New         | Normal   | Evaluate options for postgres replication configuration                                | Monica Ihli    | 2017-09-01 15:11 |                    |
| 3438 | Infrastructure        | Task    | New         | Normal   | Evaluate utility of schema.org   |                | 2012-12-21 16:15 | Documentation      |
| 7104 | Infrastructure        | Task    | New         | Normal   | Event index reindexing shouldn't require re-harvest from MNs                           |                | 2015-07-09 15:34 | d1_log_aggregation |
| 2794 | Infrastructure        | Task    | New         | Normal   | Exceptions: Remove unsupported exception serializations and add "header serialization" | Dave Vieglais  | 2014-10-02 17:21 | Documentation      |
| 8755 | Infrastructure        | Task    | New         | Normal   | Expand EML indexing support for EML 2.2  | Bryce Mecum    | 2019-08-15 01:50 |                    |
| 1472 | Infrastructure        | Task    | New         | Normal   | Explain revocation policies via MN curator.  | Matthew Jones  | 2014-10-01 20:47 |                    |
| 7524 | DUG                   | Task    | New         | Normal   | Explore crowd sourcing for future DUG marketing effort                                 |                | 2015-12-07 22:25 |                    |
| 3468 | Infrastructure        | Task    | New         | Normal   | Explore how CN.listObject can effectively use auto-incremented key                     | Ben Leinfelder | 2013-01-08 18:35 | Documentation      |
| 8146 | Member Nodes          | Task    | New         | Normal   | Failed Sync Parser   | Monica Ihli    | 2017-07-19 00:46 |                    |
| 8383 | Testing MN Management | Task    | New         | Normal   | Feasibility Assessment   |                | 2018-02-27 17:32 |                    |
| 8342 | Testing MN Management | Task    | New         | Normal   | Feasibility Assessment   |                | 2018-02-22 19:19 |                    |
| 8670 | Member Nodes          | Task    | New         | Normal   | FEMC - upgrade GMN 2.3.7 to 3.0.4  | Roger Dahl     | 2019-08-02 18:22 |                    |
| 7127 | DataONE API           | Task    | New         | Normal   | Finalize CNAAuthentication interface   | Dave Vieglais  | 2015-05-21 19:31 | api_documentation  |
| 6048 | Member Nodes          | Task    | New         | Normal   | Fix 404 NotFound erros on the EDORA MN   | Jim Green      | 2014-11-24 14:57 |                    |
| 5137 | Infrastructure        | Task    | New         | Normal   | Fix DataONE CA chain file location in cn-buildout                                      | Chris Jones    | 2014-04-25 15:06 | d1_cn_buildout     |
| 7120 | Java Client           | Task    | Testing     | Normal   | Fix DataPackage.insertRelationship() to handle any URI for external identifiers        | Chris Jones    | 2015-06-04 21:48 | d1_libclient_java  |
| 5121 | Member Nodes          | Task    | New         | Normal   | Fix DryadDataFile instance documents with no dcterms:creator element                   | Chris Jones    | 2014-04-30 19:25 |                    |
| 1502 | Infrastructure        | Task    | New         | Normal   | Fix hierarchy of permission levels.  | Matthew Jones  | 2014-10-01 20:47 | Documentation      |
| 3596 | Infrastructure        | Task    | New         | Normal   | Fix Merritt Repository resource map typing of triple objects                           | John Kunze     | 2013-02-19 02:27 | mn.Merritt         |
| 4013 | Member Nodes          | Task    | New         | Normal   | Follow-up on plans for TERN following Oct ILTER meeting in Korea                       | Laura Moyers   | 2014-02-20 21:58 |                    |
| 8356 | Testing MN Management | Task    | New         | Normal   | Formal Announcement  |                | 2018-02-23 19:06 |                    |
| 6698 | Member Nodes          | Task    | New         | Normal   | FTGEN: Check Authentication and Authorization in Production                            |                | 2014-12-04 20:07 |                    |
| 6691 | Member Nodes          | Task    | New         | Normal   | FTGEN: Check Authentication and Authorization in Testing Environment                   |                | 2014-12-04 20:07 |                    |

| #    | Project      | Tracker | Status | Priority | Subject   | Assignee      | Updated          | Category |
|------|--------------|---------|--------|----------|---|---------------|------------------|----------|
| 6694 | Member Nodes | Task    | New    | Normal   | FTGEN: Configure SSL Certificates for Production  |               | 2014-12-04 20:07 |          |
| 6687 | Member Nodes | Task    | New    | Normal   | FTGEN: Configure SSL Certificates for Testing Environment   |               | 2014-12-04 20:07 |          |
| 6682 | Member Nodes | Task    | New    | Normal   | FTGEN: Design, code and component test a new MN implementation  |               | 2014-12-04 20:07 |          |
| 6701 | Member Nodes | Task    | New    | Normal   | FTGEN: Document and Announce  |               | 2014-12-04 20:07 |          |
| 6700 | Member Nodes | Task    | New    | Normal   | FTGEN: Ensure MN appears on Current MNs webpage (dashboard)   |               | 2014-12-04 20:07 |          |
| 6693 | Member Nodes | Task    | New    | Normal   | FTGEN: Establish DataONE user identity in Production  |               | 2014-12-04 20:07 |          |
| 6686 | Member Nodes | Task    | New    | Normal   | FTGEN: Establish DataONE user identity in Testing Environment   |               | 2014-12-04 20:07 |          |
| 6683 | Member Nodes | Task    | New    | Normal   | FTGEN: Implement search index and display (ONEMercury) support for any new metadata formats required by the MN. |               | 2014-12-04 20:07 |          |
| 6679 | Member Nodes | Task    | New    | Normal   | FTGEN: Join DataONE   |               | 2014-12-04 20:07 |          |
| 6685 | Member Nodes | Task    | New    | Normal   | FTGEN: Local Testing  |               | 2014-12-04 20:07 |          |
| 6699 | Member Nodes | Task    | New    | Normal   | FTGEN: Mutual acceptance  |               | 2014-12-04 20:07 |          |
| 6681 | Member Nodes | Task    | New    | Normal   | FTGEN: Plan the implementation  |               | 2014-12-04 20:07 |          |
| 6684 | Member Nodes | Task    | New    | Normal   | FTGEN: Register any new object formats in all environments  |               | 2014-12-04 20:07 |          |
| 6696 | Member Nodes | Task    | New    | Normal   | FTGEN: Register MN in Production  |               | 2014-12-04 20:07 |          |
| 6689 | Member Nodes | Task    | New    | Normal   | FTGEN: Register MN in Testing Environment   |               | 2014-12-04 20:07 |          |
| 6680 | Member Nodes | Task    | New    | Normal   | FTGEN: Scope the implementation   |               | 2014-12-04 20:07 |          |
| 6692 | Member Nodes | Task    | New    | Normal   | FTGEN: Show MN as "upcoming" on the dashboard   |               | 2014-12-04 20:07 |          |
| 6697 | Member Nodes | Task    | New    | Normal   | FTGEN: Verify CN Content and Services in Production   |               | 2014-12-04 20:07 |          |
| 6690 | Member Nodes | Task    | New    | Normal   | FTGEN: Verify CN Content and Services in Testing Environment  |               | 2014-12-04 20:07 |          |
| 6695 | Member Nodes | Task    | New    | Normal   | FTGEN: Verify MN Content and Services in Production   |               | 2014-12-04 20:07 |          |
| 6688 | Member Nodes | Task    | New    | Normal   | FTGEN: Verify MN Content and Services in Testing Environment  |               | 2014-12-04 20:07 |          |
| 5890 | Member Nodes | Task    | New    | Normal   | GBIF: Authentication and Authorization  |               | 2018-01-22 21:16 |          |
| 5850 | Member Nodes | Task    | New    | Normal   | GBIF: Content Review  |               | 2016-07-02 12:45 |          |
| 5878 | Member Nodes | Task    | New    | Normal   | GBIF: Content Review  |               | 2016-07-02 12:45 |          |
| 5899 | Member Nodes | Task    | New    | Normal   | GBIF: Create news item  | Amy Forrester | 2019-01-24 17:10 |          |
| 5900 | Member Nodes | Task    | New    | Normal   | GBIF: Formal announcement   |               | 2016-07-02 12:45 |          |
| 5870 | Member Nodes | Task    | New    | Normal   | GBIF: Generate client certificate.  |               | 2016-07-02 12:45 |          |
| 5835 | Member Nodes | Task    | Ready  | Normal   | GBIF: Local Testing   | Rob Nahf      | 2019-01-24 16:53 |          |
| 5893 | Member Nodes | Task    | New    | Normal   | GBIF: Log record access   |               | 2016-07-02 12:45 |          |
| 5865 | Member Nodes | Task    | New    | Normal   | GBIF: Log record access   |               | 2016-07-02 12:45 |          |
| 5896 | Member Nodes | Task    | New    | Normal   | GBIF: Mutual acceptance   |               | 2016-07-02 12:45 |          |
| 5873 | Member Nodes | Task    | New    | Normal   | GBIF: Register MN   |               | 2016-07-02 12:45 |          |

| #    | Project      | Tracker | Status  | Priority | Subject  | Assignee | Updated          | Category |
|------|--------------|---------|---------|----------|--|----------|------------------|----------|
| 5839 | Member Nodes | Task    | New     | Normal   | GBIF: Registration in environment  |          | 2016-07-02 12:45 |          |
| 5891 | Member Nodes | Task    | New     | Normal   | GBIF: Science Data access  |          | 2016-07-02 12:45 |          |
| 5892 | Member Nodes | Task    | New     | Normal   | GBIF: Science Metadata access  |          | 2016-07-02 12:45 |          |
| 5875 | Member Nodes | Task    | New     | Normal   | GBIF: Set the node status to approved (start synchronization)                |          | 2016-07-02 12:45 |          |
| 5874 | Member Nodes | Task    | New     | Normal   | GBIF: Set up Node document   |          | 2016-07-02 12:45 |          |
| 5849 | Member Nodes | Task    | New     | Normal   | GBIF: Set up synchronization of the MN                                       |          | 2016-07-02 12:45 |          |
| 5877 | Member Nodes | Task    | New     | Normal   | GBIF: Set up synchronization of the MN                                       |          | 2016-07-02 12:45 |          |
| 5841 | Member Nodes | Task    | New     | Normal   | GBIF: SSL Certificates   |          | 2019-01-28 14:40 |          |
| 5869 | Member Nodes | Task    | New     | Normal   | GBIF: SSL Certificates   |          | 2016-07-02 12:45 |          |
| 5848 | Member Nodes | Task    | New     | Normal   | GBIF: Synchronization  |          | 2016-07-02 12:45 |          |
| 5876 | Member Nodes | Task    | New     | Normal   | GBIF: Synchronization  |          | 2016-07-02 12:45 |          |
| 5897 | Member Nodes | Task    | New     | Normal   | GBIF: Verify content available for Current MNs web page                      |          | 2016-07-02 12:45 |          |
| 5887 | Member Nodes | Task    | New     | Normal   | GBIF: Verify Resource Map content  |          | 2016-07-02 12:45 |          |
| 5859 | Member Nodes | Task    | New     | Normal   | GBIF: Verify Resource Map content  |          | 2016-07-02 12:45 |          |
| 5888 | Member Nodes | Task    | New     | Normal   | GBIF: Verify Resource Map is returned with the correct HTTP Content-Type     |          | 2016-07-02 12:45 |          |
| 5860 | Member Nodes | Task    | New     | Normal   | GBIF: Verify Resource Map is returned with the correct HTTP Content-Type     |          | 2016-07-02 12:45 |          |
| 5858 | Member Nodes | Task    | New     | Normal   | GBIF: Verify Resource Maps   |          | 2016-07-02 12:45 |          |
| 5886 | Member Nodes | Task    | New     | Normal   | GBIF: Verify Resource Maps   |          | 2016-07-02 12:45 |          |
| 5851 | Member Nodes | Task    | New     | Normal   | GBIF: Verify Science Data  |          | 2016-07-02 12:45 |          |
| 5879 | Member Nodes | Task    | New     | Normal   | GBIF: Verify Science Data  |          | 2016-07-02 12:45 |          |
| 5880 | Member Nodes | Task    | New     | Normal   | GBIF: Verify Science Data content  |          | 2016-07-02 12:45 |          |
| 5852 | Member Nodes | Task    | New     | Normal   | GBIF: Verify Science Data content  |          | 2016-07-02 12:45 |          |
| 5882 | Member Nodes | Task    | New     | Normal   | GBIF: Verify Science Metadata  |          | 2016-07-02 12:45 |          |
| 5854 | Member Nodes | Task    | New     | Normal   | GBIF: Verify Science Metadata  |          | 2016-07-02 12:45 |          |
| 5855 | Member Nodes | Task    | New     | Normal   | GBIF: Verify Science Metadata content  |          | 2016-07-02 12:45 |          |
| 5883 | Member Nodes | Task    | New     | Normal   | GBIF: Verify Science Metadata content  |          | 2016-07-02 12:45 |          |
| 5884 | Member Nodes | Task    | New     | Normal   | GBIF: Verify Science Metadata is returned with the correct HTTP Content-Type |          | 2016-07-02 12:45 |          |
| 5856 | Member Nodes | Task    | New     | Normal   | GBIF: Verify Science Metadata is returned with the correct HTTP Content-Type |          | 2016-07-02 12:45 |          |
| 5871 | Member Nodes | Task    | New     | Normal   | GBIF: Verify successful installation of client side certificate              |          | 2016-07-02 12:45 |          |
| 5872 | Member Nodes | Task    | New     | Normal   | GBIF: Verify successful installation of server side certificate              |          | 2016-07-02 12:45 |          |
| 5836 | Member Nodes | Task    | Testing | Normal   | GBIF: Verify that MN passes the Web Tester                                   | Rob Nahf | 2018-09-26 19:57 |          |
| 5889 | Member Nodes | Task    | New     | Normal   | GBIF: Verify that Resource Maps are correctly processed by CNs.              |          | 2016-07-02 12:45 |          |
| 5861 | Member Nodes | Task    | New     | Normal   | GBIF: Verify that Resource Maps are correctly processed by CNs.              |          | 2016-07-02 12:45 |          |

| #    | Project          | Tracker | Status | Priority | Subject   | Assignee      | Updated          | Category |
|------|------------------|---------|--------|----------|---|---------------|------------------|----------|
| 5881 | Member Nodes     | Task    | New    | Normal   | GBIF: Verify that the Science Data is returned with the correct HTTP Content-Type                 |               | 2016-07-02 12:45 |          |
| 5853 | Member Nodes     | Task    | New    | Normal   | GBIF: Verify that the Science Data is returned with the correct HTTP Content-Type                 |               | 2016-07-02 12:45 |          |
| 5857 | Member Nodes     | Task    | New    | Normal   | GBIF: Verify that the Science Metadata is correctly processed by CNs                              |               | 2016-07-02 12:45 |          |
| 5885 | Member Nodes     | Task    | New    | Normal   | GBIF: Verify that the Science Metadata is correctly processed by CNs                              |               | 2016-07-02 12:45 |          |
| 8534 | Member Nodes     | Task    | New    | Normal   | GCOOS: Technical Requirements & Design Planning   |               | 2018-04-09 20:18 |          |
| 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 |          |
| 3115 | Infrastructure   | Task    | New    | Normal   | Get R client into working state.  | Andrew Pippin | 2012-08-02 17:32 |          |
| 7986 | Member Nodes     | Task    | New    | Normal   | GINA: Configure SSL Certificates for Production   | Amy Forrester | 2018-08-31 15:22 |          |
| 7979 | Member Nodes     | Task    | New    | Normal   | GINA: Configure SSL Certificates for Testing Environment  | Amy Forrester | 2018-08-31 15:23 |          |
| 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 |          |
| 7985 | Member Nodes     | Task    | New    | Normal   | GINA: Establish DataONE user identity in Production   | Laura Moyers  | 2017-01-27 22:15 |          |
| 7978 | Member Nodes     | Task    | New    | Normal   | GINA: Establish DataONE user identity in Testing Environment                                      | Laura Moyers  | 2017-01-27 18:44 |          |
| 7975 | Member Nodes     | Task    | New    | Normal   | GINA: Implement search index and display support for any new metadata formats required by the MN. | Roger Dahl    | 2017-01-27 18:34 |          |
| 7977 | Member Nodes     | Task    | New    | Normal   | GINA: Local Testing   | Roger Dahl    | 2017-01-27 18:46 |          |
| 7990 | Member Nodes     | Task    | New    | Normal   | GINA: Mutual acceptance   | Laura Moyers  | 2017-01-27 22:18 |          |
| 7976 | Member Nodes     | Task    | New    | Normal   | GINA: Register any new object formats in all environments   | Laura Moyers  | 2017-01-27 18:45 |          |
| 7988 | Member Nodes     | Task    | New    | Normal   | GINA: Register MN in Production   | Laura Moyers  | 2017-01-27 22:16 |          |
| 7981 | Member Nodes     | Task    | New    | Normal   | GINA: Register MN in Testing Environment  | Laura Moyers  | 2017-01-27 18:47 |          |
| 7984 | Member Nodes     | Task    | New    | Normal   | GINA: Show MN as "upcoming" on the dashboard  | Laura Moyers  | 2017-01-27 22:13 |          |
| 7989 | Member Nodes     | Task    | New    | Normal   | GINA: Verify CN Content and Services in Production  | Laura Moyers  | 2017-01-27 22:18 |          |

| #    | Project        | Tracker | Status | Priority | Subject  | Assignee      | Updated          | Category      |
|------|----------------|---------|--------|----------|--|---------------|------------------|---------------|
| 7982 | Member Nodes   | Task    | New    | Normal   | GINA: Verify CN Content and Services in Testing Environment                                | Laura Moyers  | 2017-01-27 18:59 |               |
| 7987 | Member Nodes   | Task    | New    | Normal   | GINA: Verify MN Content and Services in Production   | Laura Moyers  | 2017-01-27 22:16 |               |
| 7980 | Member Nodes   | Task    | New    | Normal   | GINA: Verify MN Content and Services in Testing Environment                                | Laura Moyers  | 2017-01-27 18:46 |               |
| 7774 | Infrastructure | Task    | New    | Normal   | GMN: Move to Let's Encrypt   |               | 2016-05-09 22:16 |               |
| 7703 | Python GMN     | Task    | New    | Normal   | GMN populating ipAddress in LogEntry with abnormal strings                                 | Roger Dahl    | 2016-06-22 17:19 |               |
| 8742 | Member Nodes   | Task    | New    | Normal   | GMN upgrade from 2.4.1 to 3.2.0  | Roger Dahl    | 2018-11-13 19:14 |               |
| 7550 | Member Nodes   | Task    | New    | Normal   | GoA portal not copying to KNB  | Lauren Walker | 2015-12-14 21:41 |               |
| 8594 | Member Nodes   | Task    | New    | Normal   | GOA: replicate to Research Workspace   | Matthew Jones | 2018-05-15 17:40 |               |
| 7125 | Python GMN     | Task    | New    | Normal   | Handle Authorization header carrying authentication token                                  | Roger Dahl    | 2016-04-21 22:37 |               |
| 1236 | Infrastructure | Task    | New    | Normal   | Highly variable response times from cn.dataone.org   |               | 2011-01-17 16:34 | d1_cn_service |
| 2487 | CN REST        | Task    | New    | Normal   | How does a CN handle the failure of MN replica to receive MNStorage.sytemMetadataChanged() | Robert Waltz  | 2016-08-10 20:51 |               |

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