

## Issues

| #    | Project        | Tracker      | Status    | Priority | Subject                                                                                               | Assignee      | Updated          | Category                |
|------|----------------|--------------|-----------|----------|-------------------------------------------------------------------------------------------------------|---------------|------------------|-------------------------|
| 8869 | Infrastructure | Story        | New       | Normal   | Equivalent identities show owning different amount of packages.                                       | Jing Tao      | 2020-09-24 22:34 | d1_indexer              |
| 8867 | CN REST        | Bug          | New       | High     | CNCore.listChecksumAlgorithms() returns incorrect list                                                | Jing Tao      | 2020-08-06 00:06 | d1_cn_rest              |
| 8866 | Infrastructure | Bug          | New       | Normal   | Java client tools should set a custom user agent string                                               |               | 2020-07-15 22:43 |                         |
| 8864 | CN REST        | Story        | New       | Normal   | Synchronization does not register authoritative replica entry correctly                               | Jing Tao      | 2020-06-19 21:59 | d1_synchronization      |
| 8862 | Infrastructure | Story        | New       | Normal   | Deploy a new dataone-cn-rest release                                                                  | Jing Tao      | 2020-04-23 16:24 |                         |
| 8860 | CN REST        | Bug          | New       | Normal   | /token endpoint doesn't set a content-type and character encoding                                     |               | 2020-02-29 01:00 | d1_portal               |
| 8858 | Infrastructure | Task         | New       | Normal   | Update CN Apache configs in version control with directives to support sitemaps                       | Bryce Mecum   | 2020-02-24 19:26 |                         |
| 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 |
| 8856 | Infrastructure | Story        | New       | Normal   | Put the system metadata part ahead of the object part when d1_client_python constructs the multipart  |               | 2019-11-22 18:31 | d1_python               |
| 8855 | Infrastructure | Story        | New       | Normal   | Put the system metadata part ahead of the object part when d1_client_r constructs the multipart       | Matthew Jones | 2019-11-22 18:29 | d1_client_r             |
| 8854 | Infrastructure | Story        | New       | Normal   | Put the system metadata part ahead of the object part when d1_libclient_java constructs the multipart | Jing Tao      | 2019-11-22 18:25 | d1_libclient_java       |
| 8853 | Infrastructure | Story        | New       | Normal   | Make cn.resolve smarter                                                                               |               | 2019-11-15 16:50 |                         |
| 8851 | Infrastructure | Story        | New       | Normal   | CN sends error doc with "pid" to v2 endpoint                                                          | Jing Tao      | 2019-11-06 22:31 | d1_synchronization      |
| 8850 | Infrastructure | Bug          | New       | Normal   | v2.3.11 RdfXmlSubprocessor / HttpService.getDocumentBySeriesId can be wrong                           | Jing Tao      | 2019-11-06 18:32 | d1_indexer              |
| 8849 | Infrastructure | Story        | New       | Normal   | During sync, the CN does not detect error returned from getChecksum()                                 | Jing Tao      | 2019-11-06 22:07 |                         |
| 8848 | Infrastructure | Story        | New       | Normal   | A minor difference of annotation index between CN and MN                                              |               | 2019-11-01 21:37 |                         |
| 8847 | Member Nodes   | MNDeployment | In Review | Normal   | Freshwater Research and Environmental Database (IGBFRED)                                              | Dave Vieglais | 2019-10-17 19:23 |                         |
| 8846 | Member Nodes   | Bug          | New       | Normal   | TFRI node unresponsive                                                                                |               | 2019-10-08 15:26 |                         |
| 8845 | Member Nodes   | Bug          | New       | Normal   | Server is returning a 500 error.                                                                      |               | 2019-10-08 15:20 |                         |
| 8844 | Member Nodes   | Bug          | New       | Normal   | Server certificate is expired                                                                         |               | 2019-10-08 18:27 |                         |
| 8843 | Member Nodes   | Bug          | New       | Normal   | Server certificate is expired                                                                         |               | 2019-10-08 15:14 |                         |
| 8842 | Infrastructure | Story        | New       | Normal   | Some exceptions in Metacat                                                                            |               | 2019-09-19 17:53 |                         |
| 8841 | Infrastructure | Story        | New       | Normal   | Solr Index processor don't parse the attributes on the otherEntity on an EML object                   | Jing Tao      | 2019-09-10 22:41 | d1_indexer              |
| 8839 | Member Nodes   | MNDeployment | Planning  | Normal   | CMU KiltHub via Figshare                                                                              | Roger Dahl    | 2019-09-24 17:48 |                         |
| 8837 | Infrastructure | Story        | New       | Normal   | Merge the changes from metacat's feature-project-indexing branch to d1_cn_index_processor             | Jing Tao      | 2019-08-16 17:18 | d1_indexer              |
| 8835 | Member Nodes   | Story        | New       | Normal   | Add ability for scanner to stop after a certain number of errors                                      | John Evans    | 2019-08-12 19:16 |                         |

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| 8833 | Member Nodes   | Story        | New         | Normal   | Problems utilizing pyshacl within SlenderNodes                                                  | John Evans    | 2019-08-09 18:20 |                    |
| 8832 | Member Nodes   | Story        | New         | Normal   | Conflict between pyshacl and owl on ubuntu                                                      | John Evans    | 2019-08-05 19:32 |                    |
| 8831 | Member Nodes   | Story        | New         | Normal   | Import error with schema_org.data                                                               | John Evans    | 2019-08-05 18:57 |                    |
| 8830 | Member Nodes   | Task         | New         | Normal   | Requirements Analysis                                                                           | John Evans    | 2019-08-06 14:44 |                    |
| 8829 | Member Nodes   | Task         | New         | High     | get DKAN connected to GMN                                                                       | John Evans    | 2019-09-03 13:24 |                    |
| 8828 | Member Nodes   | MNDeployment | In Review   | Normal   | SESAR                                                                                           |               | 2019-08-01 16:09 |                    |
| 8827 | Infrastructure | Bug          | New         | Normal   | synchronization doesn't update dateSystemMetadataModified if that's the only field that changed | Rob Nahf      | 2019-07-11 21:26 | d1_synchronization |
| 8824 | Infrastructure | Task         | In Progress | High     | Install Apache 2.4.39 and disable TLSv1.3 on CNs                                                | Dave Vieglais | 2019-06-19 12:11 |                    |
| 8823 | Infrastructure | Story        | New         | High     | Recent Apache and OpenSSL combinations break connectivity on Ubuntu 18.04                       | Dave Vieglais | 2019-06-19 02:43 |                    |
| 8822 | Infrastructure | Bug          | New         | Low      | Account queries in STAGE-2 failing from web browser                                             |               | 2019-06-19 01:44 |                    |
| 8821 | Infrastructure | Bug          | New         | Normal   | Object doi:10.18739/A2610VR7Z fails to index on CN                                              | Jing Tao      | 2019-06-19 00:06 |                    |
| 8819 | Member Nodes   | Story        | New         | Normal   | IEDA documents not in DataONE                                                                   |               | 2019-06-13 19:20 |                    |
| 8817 | Infrastructure | Task         | New         | Normal   | Configure sitemaps on the CN                                                                    | Jing Tao      | 2020-03-12 18:30 |                    |
| 8815 | Infrastructure | Bug          | New         | Normal   | Investigate and fix failed sync/harvest of doi:10.18739/A2CH48                                  |               | 2019-06-04 23:26 |                    |
| 8811 | Infrastructure | Task         | New         | Normal   | Merge 2.3.9 changes to trunk                                                                    | Jing Tao      | 2019-05-21 13:06 |                    |
| 8810 | CN REST        | Task         | New         | Normal   | Verify configuration of portal certificates                                                     |               | 2019-05-21 13:00 |                    |
| 8809 | CN REST        | Task         | New         | Normal   | Adjust portal.properties for certificate configuration                                          |               | 2019-05-21 12:57 |                    |
| 8808 | Infrastructure | Task         | New         | Normal   | Remove old versions of Tomcat                                                                   |               | 2019-05-21 12:49 |                    |
| 8807 | Infrastructure | Task         | New         | Normal   | remove old versions of postgres                                                                 |               | 2019-05-21 12:47 |                    |
| 8806 | Infrastructure | Story        | New         | Normal   | Cleanup from OS upgrades                                                                        |               | 2019-05-21 12:45 |                    |
| 8804 | Infrastructure | Task         | New         | Normal   | Add ldap backup config to cn os-core                                                            | Dave Vieglais | 2019-05-21 12:32 | dataone-cn-os-core |
| 8796 | Infrastructure | Story        | New         | Normal   | Various issues with service access after upgrade to 18.04                                       | Jing Tao      | 2019-05-21 12:38 |                    |
| 8793 | Infrastructure | Task         | New         | Normal   | Replace ONEMercury installation                                                                 |               | 2019-05-01 14:04 |                    |
| 8792 | Infrastructure | Task         | New         | Normal   | Create landing page for redirection from ONEMercury                                             |               | 2019-05-01 14:03 |                    |
| 8791 | Infrastructure | Story        | New         | Normal   | Complete deprecation of ONEMercury interface                                                    | Rob Nahf      | 2019-05-01 14:00 | d1_mercury         |
| 8783 | Infrastructure | Bug          | New         | Normal   | synchronization re-created 26k map entries in SyncQueueFacade.nodeldRoundRobin                  | Rob Nahf      | 2019-04-02 20:10 | d1_synchronization |
| 8782 | Infrastructure | Story        | New         | Normal   | Upgrade OS to Ubuntu 18.04 on CNs                                                               | Jing Tao      | 2019-03-22 18:12 |                    |
| 8780 | Infrastructure | Feature      | New         | Normal   | Develop support for DataCite 4.0 and 4.1 and 4.2                                                | Dave Vieglais | 2019-03-30 20:38 | d1_indexer         |
| 8779 | Infrastructure | Story        | New         | Normal   | ForesiteResourceMap performance issue                                                           | Rob Nahf      | 2019-03-25 18:48 | d1_indexer         |

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| 8778 | CN REST        | Task         | New         | Normal   | Ensure SystemMetadata replica auditing updates are saved and broadcast                                                  | Chris Jones   | 2019-03-12 16:54 | d1_replication_auditor |
| 8777 | CN REST        | Task         | New         | Normal   | Configure CN to audit objects greater than 1GB                                                                          | Chris Jones   | 2019-03-13 20:50 | d1_replication_auditor |
| 8776 | CN REST        | Task         | New         | Normal   | Set valid replica status to completed                                                                                   | Chris Jones   | 2019-03-12 15:57 | d1_replication_auditor |
| 8775 | Infrastructure | Task         | In Progress | Normal   | Make taxonomic rank fields in Solr index non-case-sensitive                                                             | Bryce Mecum   | 2019-03-11 23:35 |                        |
| 8774 | Infrastructure | Decision     | New         | Normal   | Add new CN format for MPEG-2 or update video/mpeg format to cover MPEG-2                                                |               | 2019-03-08 16:03 |                        |
| 8772 | Member Nodes   | MNDeployment | Operational | Normal   | metaGRIL                                                                                                                | Jing Tao      | 2019-10-08 17:16 |                        |
| 8771 | CN REST        | Story        | New         | Normal   | Issue with LDAP when updating `nodeReplicationPolicy`                                                                   | Dave Vieglais | 2019-03-05 19:43 | d1_cn_rest             |
| 8770 | CN REST        | Story        | New         | Normal   | Issue with CN handling of encoded identifiers in object/ meta/ node/, others?                                           | Jing Tao      | 2019-03-05 19:37 | d1_cn_rest             |
| 8766 | Infrastructure | Feature      | In Progress | Normal   | support server-side link checking for the 303 redirect url in the resolve call                                          | Rob Nahf      | 2019-05-31 15:16 | d1_cn_service          |
| 8762 | Infrastructure | Story        | New         | Normal   | Add new formats to CN                                                                                                   |               | 2019-02-07 20:03 |                        |
| 8758 | Infrastructure | Story        | New         | Normal   | Index replicationStatus field                                                                                           | Jing Tao      | 2019-01-14 18:00 | d1_indexer             |
| 8757 | CN REST        | Story        | New         | Normal   | Fix getChecksum() in MNAuditTask to use dynamic checksum algorithms                                                     | Chris Jones   | 2019-01-14 19:48 | d1_replication_auditor |
| 8756 | CN REST        | Story        | New         | Normal   | Ensure replica auditor is effective                                                                                     | Chris Jones   | 2019-01-15 21:00 | d1_replication_auditor |
| 8755 | Infrastructure | Task         | New         | Normal   | Expand EML indexing support for EML 2.2                                                                                 | Bryce Mecum   | 2019-08-15 01:50 |                        |
| 8754 | Infrastructure | Task         | New         | Normal   | Add EML 2.2 to CN formats list                                                                                          | Bryce Mecum   | 2018-12-19 00:54 |                        |
| 8753 | Infrastructure | Task         | New         | Normal   | Add support for EML 2.2 (indexing, view)                                                                                | Bryce Mecum   | 2018-12-19 00:54 |                        |
| 8750 | Member Nodes   | Task         | In Progress | Normal   | reconnect eLTER MN to DataONE                                                                                           | Roger Dahl    | 2018-11-28 16:59 |                        |
| 8749 | CN REST        | Story        | New         | Normal   | Fix log aggregation events from the CN without associated CN IPs                                                        | Dave Vieglais | 2019-05-01 22:25 |                        |
| 8747 | Infrastructure | Task         | New         | Normal   | Adjust package configuration to persist changes between updates                                                         | Dave Vieglais | 2018-11-16 17:32 |                        |
| 8746 | Infrastructure | Task         | New         | Normal   | Require email address from user when logging in via ORCID                                                               |               | 2018-11-16 05:57 |                        |
| 8742 | Member Nodes   | Task         | New         | Normal   | GMN upgrade from 2.4.1 to 3.2.0                                                                                         | Roger Dahl    | 2018-11-13 19:14 |                        |
| 8740 | CN REST        | Bug          | New         | Normal   | CN resolve service returning 404 for some pids                                                                          |               | 2019-01-22 18:41 | cn_metacat             |
| 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      |
| 8738 | Infrastructure | Story        | In Progress | Normal   | HZEventFilter performance decline with increased task queue                                                             | Rob Nahf      | 2018-10-30 04:10 | d1_indexer             |
| 8737 | Infrastructure | Story        | New         | Normal   | Submitters and rights-holders with group permissions can't be granted authorization when the sync process validates sid | Jing Tao      | 2018-11-28 17:12 | d1_synchronization     |
| 8736 | Infrastructure | Story        | New         | Normal   | Decouple the index generator to the hazelcast system metadata map                                                       |               | 2019-01-22 19:27 | d1_indexer             |
| 8735 | Infrastructure | Bug          | In Progress | Normal   | NPE in IndexTask causes indexing job to fail                                                                            | Rob Nahf      | 2018-10-18 18:33 | d1_indexer             |
| 8734 | Infrastructure | Story        | New         | Normal   | Hazelcast shutdown tied to out of memory exception!                                                                     | Rob Nahf      | 2018-10-18 16:55 | Metacat                |

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| 8733 | CN REST        | Bug          | New         | Normal   | Exception handling in ForesiteResourceMap needs improvement                                                 | Jing Tao      | 2018-10-12 20:09 | d1_cn_index_processor |
| 8731 | Infrastructure | Bug          | New         | Normal   | Indexing solr client method is building query with too many ORs, causing errors                             | Rob Nahf      | 2018-10-04 22:25 | d1_indexer            |
| 8730 | Member Nodes   | Task         | New         | Normal   | Plan the Implementation (NCAR)                                                                              |               | 2018-10-11 17:21 |                       |
| 8729 | Member Nodes   | Task         | New         | Normal   | Requirements Analysis                                                                                       |               | 2018-10-11 17:24 |                       |
| 8728 | Member Nodes   | Task         | In Progress | Normal   | Initial Communications (NCAR)                                                                               | Amy Forrester | 2018-10-04 17:24 |                       |
| 8727 | Member Nodes   | Story        | In Progress | Normal   | NCAR Discovery & Assessment                                                                                 |               | 2019-01-22 18:34 |                       |
| 8725 | Member Nodes   | MNDeployment | In Review   | Normal   | NCAR (National Center for Atmospheric Research)                                                             |               | 2018-10-08 13:33 |                       |
| 8724 | Infrastructure | Bug          | New         | Normal   | index out of bounds error in PortalCertificateManager                                                       | Rob Nahf      | 2018-10-02 19:11 | d1_portal             |
| 8723 | Member Nodes   | Task         | New         | Low      | tDAR: Implemented IP Whitelisting on tDAR systems / Impacts to reporting                                    | Amy Forrester | 2018-10-02 16:51 |                       |
| 8722 | Infrastructure | Bug          | New         | High     | Object in search index but systemmetadata is not available.                                                 | Jing Tao      | 2018-10-03 17:48 |                       |
| 8721 | Member Nodes   | MNDeployment | Operational | Normal   | IEDA_US Antarctic Program Data Center (Interdisciplinary Earth Data Alliance)                               | Dave Vieglais | 2019-05-14 13:46 |                       |
| 8704 | Member Nodes   | MNDeployment | Operational | Normal   | IEDA_Marine-Geo Digital Library (Interdisciplinary Earth Data Alliance)                                     | Dave Vieglais | 2019-05-14 13:47 |                       |
| 8703 | Infrastructure | Task         | New         | Normal   | test the cleaned up indexer in DEV                                                                          | Rob Nahf      | 2018-09-24 18:05 | d1_indexer            |
| 8702 | Infrastructure | Story        | New         | Normal   | Indexing Refactor Strategy                                                                                  | Rob Nahf      | 2018-09-24 18:05 | d1_indexer            |
| 8698 | CN REST        | Bug          | New         | Normal   | CN Performance degradation                                                                                  |               | 2018-09-13 21:05 | d1_cn_rest            |
| 8697 | Member Nodes   | Task         | New         | Normal   | ESSDIVE: anonymous download issue                                                                           | Chris Jones   | 2018-09-13 19:40 |                       |
| 8696 | Infrastructure | Bug          | New         | Urgent   | double indexing of a resource map and another not processed because of resource contention (lock) on member | Rob Nahf      | 2018-09-12 00:22 | d1_indexer            |
| 8693 | Infrastructure | Decision     | In Progress | Low      | Support Google Dataset Search on search.dataone.org via partial server side rendering                       |               | 2019-06-06 23:53 |                       |
| 8686 | Infrastructure | Bug          | New         | Normal   | d1-index-task-processor failed with NPE                                                                     | Rob Nahf      | 2018-08-24 01:35 | d1_indexer            |
| 8685 | Member Nodes   | Task         | New         | Normal   | ONEShare - GMN upgrade 2.4.2 to 3.0.4                                                                       | Roger Dahl    | 2018-08-23 17:18 |                       |
| 8683 | Member Nodes   | Story        | New         | Normal   | USGS SDC: redeploy as a v2 Slender Node with GMN                                                            | John Evans    | 2019-05-15 14:03 |                       |
| 8681 | Member Nodes   | Task         | New         | Normal   | NCEI - install new GMN                                                                                      | Roger Dahl    | 2019-03-05 18:20 |                       |
| 8676 | Member Nodes   | Task         | New         | Normal   | NRDC -GMN upgrade 2.4.2 to 3.0.4                                                                            | Roger Dahl    | 2019-03-05 20:43 |                       |
| 8673 | Member Nodes   | Task         | New         | Normal   | Pangaea- GMN upgrade from 2.4.0 to 3.0.4                                                                    | Roger Dahl    | 2018-09-04 18:48 |                       |
| 8672 | Member Nodes   | Task         | New         | Normal   | CDL - upgrade GMN 2.4.0 to 3.0.4                                                                            | Roger Dahl    | 2018-08-23 17:13 |                       |
| 8670 | Member Nodes   | Task         | New         | Normal   | FEMC - upgrade GMN 2.3.7 to 3.0.4                                                                           | Roger Dahl    | 2019-08-02 18:22 |                       |
| 8668 | Member Nodes   | Task         | New         | Normal   | MPC- upgrade GMN version 1.2.10 to 3.0.4                                                                    | Roger Dahl    | 2019-03-05 20:35 |                       |
| 8657 | Log Reporting  | Bug          | New         | Normal   | Log aggregation service not recording logs for the MNs - urn:node:TDAR and urn:node:OTS_NDC                 |               | 2018-07-16 21:36 | d1_log_aggregation    |

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| 8655 | Infrastructure | Bug      | New         | High     | Synchronization died with OOM                                                                                                |               | 2018-07-13 11:24 |                     |
| 8646 | Member Nodes   | Task     | New         | Normal   | (cyverse) Formal Announcement                                                                                                |               | 2018-07-19 18:31 |                     |
| 8645 | Member Nodes   | Task     | New         | Normal   | (Cyverse) Mutual acceptance                                                                                                  | Amy Forrester | 2018-07-05 14:26 |                     |
| 8644 | Member Nodes   | Task     | New         | Normal   | (Cyverse) Register in Production                                                                                             |               | 2018-07-05 14:25 |                     |
| 8643 | Member Nodes   | Task     | New         | Normal   | (Cyverse) Implement in Production Environment                                                                                |               | 2018-07-05 14:25 |                     |
| 8642 | Infrastructure | Bug      | New         | Normal   | Replication tasks apparently not deleted from backing store in a timely fashion                                              | Dave Vieglais | 2018-07-05 12:11 | d1_replication      |
| 8641 | Infrastructure | Bug      | New         | Normal   | Any change to SystemMetadata causes a new replication task to be generated without consideration of the object replicability | Chris Jones   | 2018-07-04 12:28 | d1_replication      |
| 8640 | Infrastructure | Bug      | New         | Normal   | Replication includes "down" nodes as replication targets                                                                     | Chris Jones   | 2018-07-04 11:29 | d1_replication      |
| 8639 | Infrastructure | Story    | New         | Normal   | Replication performance is too slow to service demand                                                                        | Chris Jones   | 2018-07-04 11:18 | d1_replication      |
| 8636 | Member Nodes   | Task     | New         | Normal   | DAAC: Test Registration                                                                                                      |               | 2018-07-02 14:58 |                     |
| 8635 | Member Nodes   | Task     | New         | Normal   | DAAC: Develop or Implement MN Software                                                                                       |               | 2018-07-02 15:00 |                     |
| 8634 | Member Nodes   | Story    | New         | Normal   | DAAC: Testing & Development                                                                                                  | Dave Vieglais | 2018-07-02 14:55 |                     |
| 8633 | Member Nodes   | Task     | In Progress | Normal   | DAAC: Re-Training & Re-Deployment Planning                                                                                   | Amy Forrester | 2018-07-02 14:53 |                     |
| 8630 | CN REST        | Bug      | New         | Normal   | equivalentIdentity values use uppercase letters when the same person subject values are lowercase                            |               | 2018-06-26 14:15 | d1_identity_manager |
| 8622 | Member Nodes   | Bug      | New         | High     | IOE repository is not responding                                                                                             | Amy Forrester | 2019-03-05 20:54 |                     |
| 8616 | Infrastructure | Decision | New         | Normal   | Consider expanding isotc211's indexing component's keyword XPath to cover topicCategories                                    |               | 2018-06-15 00:13 |                     |
| 8614 | Member Nodes   | Task     | New         | Normal   | BCO-DMO: testing the member node                                                                                             | Matthew Jones | 2018-06-13 15:48 |                     |
| 8604 | Infrastructure | Task     | New         | Normal   | Update the static IP lists for robots etc                                                                                    | Dave Vieglais | 2018-06-07 20:56 | d1_log_aggregation  |
| 8603 | Infrastructure | Bug      | New         | Normal   | log aggregation incorrectly assigning location information                                                                   | Dave Vieglais | 2018-06-07 20:52 | d1_log_aggregation  |
| 8602 | Infrastructure | Story    | New         | Normal   | Log aggregation and augmentation process mid 2018 updates                                                                    | Dave Vieglais | 2018-06-07 20:49 | d1_log_aggregation  |
| 8601 | Infrastructure | Decision | New         | Normal   | Decide on a URI space for DataONE resources                                                                                  |               | 2018-07-18 21:42 |                     |
| 8594 | Member Nodes   | Task     | New         | Normal   | GOA: replicate to Research Workspace                                                                                         | Matthew Jones | 2018-05-15 17:40 |                     |
| 8590 | Member Nodes   | Task     | New         | Normal   | ARM: Requirements Analysis                                                                                                   |               | 2018-05-10 20:50 |                     |
| 8589 | Member Nodes   | Story    | New         | Normal   | ARM: Re-Discovery & Planning                                                                                                 |               | 2018-05-10 21:44 |                     |
| 8587 | Member Nodes   | Task     | New         | Normal   | Add DataONE Logo to SanParks website                                                                                         | Jing Tao      | 2018-05-09 21:19 |                     |

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| 8583 | DataONE API    | Feature      | New         | Normal   | Provide some mechanism for diagnosing correctness of MN certificates                              | Dave Vieglais | 2018-05-02 03:18 |                        |
| 8582 | CN REST        | Story        | New         | Normal   | Replica Auditing service is throwing errors                                                       | Jing Tao      | 2019-01-14 16:40 | d1_replication_auditor |
| 8576 | Search UI      | Task         | New         | Normal   | Remove Code Changes Specific to Appearance of Data Citation for PANGAEA formatID                  | Monica Ihli   | 2018-04-30 13:29 |                        |
| 8574 | Search UI      | Story        | New         | Normal   | PANGAEA Temporary Fix: SID only in Data Citation                                                  | Bryce Mecum   | 2018-05-01 01:45 |                        |
| 8573 | Infrastructure | Bug          | In Progress | Normal   | changing accessPolicies and rightHolders down the line of series can cause improper sync failures | Rob Nahf      | 2018-05-03 21:52 | d1_synchronization     |
| 8571 | Infrastructure | Bug          | In Progress | Normal   | IndexTool can't index a data object                                                               | Jing Tao      | 2018-04-23 20:13 | d1_indexer             |
| 8570 | Infrastructure | Bug          | New         | Normal   | index task not generated for a newly synchronized object                                          | Jing Tao      | 2018-04-20 20:51 | d1_indexer             |
| 8568 | Member Nodes   | Story        | New         | Normal   | (CyVerse) Move to production                                                                      |               | 2018-04-23 21:18 |                        |
| 8566 | Member Nodes   | Task         | In Progress | Normal   | Test Registration                                                                                 | Rob Nahf      | 2019-04-16 17:17 |                        |
| 8564 | Member Nodes   | Story        | New         | Normal   | (CyVerse) Testing & Development                                                                   | Rob Nahf      | 2018-07-02 19:56 |                        |
| 8563 | Member Nodes   | MNDeployment | New         | Normal   | Scripps Institute of Oceanography Explorer                                                        |               | 2018-04-18 16:40 |                        |
| 8562 | Member Nodes   | MNDeployment | New         | Normal   | PSD Climate and Weather Data                                                                      |               | 2018-04-18 16:39 |                        |
| 8561 | Member Nodes   | MNDeployment | New         | Normal   | PRISM Climate Data                                                                                |               | 2018-04-18 16:37 |                        |
| 8560 | Member Nodes   | MNDeployment | New         | Normal   | PPS - Precipitation Processing System                                                             |               | 2018-04-18 16:36 |                        |
| 8559 | Member Nodes   | MNDeployment | New         | Normal   | PMM - Precipitation Measurement Missions                                                          |               | 2018-04-18 16:35 |                        |
| 8558 | Member Nodes   | MNDeployment | New         | Normal   | PDC - Polar Data Catalogue                                                                        |               | 2018-04-18 16:33 |                        |
| 8557 | Member Nodes   | MNDeployment | New         | Normal   | Physical Oceanography Distributed Active Archive Center                                           |               | 2018-04-18 16:32 |                        |
| 8556 | Member Nodes   | MNDeployment | New         | Normal   | OAFIux (WHOI)                                                                                     |               | 2018-04-18 16:30 |                        |
| 8555 | Member Nodes   | MNDeployment | New         | Normal   | NGEE Arctic                                                                                       |               | 2018-04-18 16:27 |                        |
| 8554 | Member Nodes   | MNDeployment | New         | Normal   | SEDAC - NASA Socioeconomic Data and Applications Center                                           |               | 2018-04-17 20:05 |                        |
| 8553 | Member Nodes   | MNDeployment | New         | Normal   | MVCO - Martha's Vineyard Coastal Observatory                                                      |               | 2018-04-17 20:03 |                        |
| 8552 | Member Nodes   | MNDeployment | New         | Normal   | GLCF - Global Land Cover Facility                                                                 |               | 2018-04-17 20:01 |                        |
| 8551 | Member Nodes   | MNDeployment | New         | Normal   | Forest Service Research Data Archive                                                              |               | 2018-04-17 20:00 |                        |
| 8550 | Member Nodes   | MNDeployment | New         | Normal   | ESGF - Earth System Grid Federation                                                               |               | 2018-04-17 19:58 |                        |
| 8549 | Member Nodes   | MNDeployment | New         | Normal   | Earth Resources Observation and Science Center                                                    |               | 2018-04-17 19:55 |                        |
| 8548 | Member Nodes   | MNDeployment | New         | Normal   | Earthdata powered by EOSDIS                                                                       |               | 2018-04-17 19:51 |                        |
| 8544 | Member Nodes   | MNDeployment | Operational | Normal   | Chinese Ecosystem Research Network                                                                | Amy Forrester | 2018-12-04 14:56 |                        |
| 8541 | Infrastructure | Bug          | New         | Normal   | index shutdown threw exception                                                                    | Rob Nahf      | 2018-04-12 16:44 | d1_indexer             |
| 8540 | Infrastructure | Story        | New         | Normal   | interesting 15 minute Hazelcast timeout in IndexProcessor                                         | Rob Nahf      | 2018-04-12 04:32 | d1_indexer             |

| #    | Project               | Tracker      | Status      | Priority | Subject                                                                                                                           | Assignee      | Updated          | Category           |
|------|-----------------------|--------------|-------------|----------|-----------------------------------------------------------------------------------------------------------------------------------|---------------|------------------|--------------------|
| 8539 | Member Nodes          | MNDeployment | New         | Normal   | NASA Distributed Active Archive Center at National Snow & Ice Data Center (NASA DAAC)                                             |               | 2018-04-10 19:19 |                    |
| 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         |
| 8536 | Infrastructure        | Bug          | In Progress | Normal   | resource Map update when metadata SID is used is not indexed                                                                      | Rob Nahf      | 2018-04-12 20:55 | d1_indexer         |
| 8535 | Member Nodes          | Story        | In Progress | Normal   | Neotoma: Story: Discovery & Planning                                                                                              | Amy Forrester | 2018-04-09 21:14 |                    |
| 8534 | Member Nodes          | Task         | New         | Normal   | GCOOS: Technical Requirements & Design Planning                                                                                   |               | 2018-04-09 20:18 |                    |
| 8531 | Member Nodes          | Task         | New         | Normal   | Training & education                                                                                                              |               | 2018-04-06 15:11 |                    |
| 8529 | DataONE API           | Task         | New         | Normal   | Add field to Solr index that includes the obsolescence chain                                                                      |               | 2018-04-10 05:21 |                    |
| 8528 | DataONE API           | Task         | New         | Normal   | Add MNRead.getVersions, CNRead.getVersions                                                                                        |               | 2018-04-03 19:26 |                    |
| 8525 | Infrastructure        | Story        | In Progress | High     | timeout exceptions thrown from Hazelcast disable synchronization                                                                  | Rob Nahf      | 2018-11-16 17:32 | d1_synchronization |
| 8523 | Member Nodes          | Task         | In Progress | Normal   | CAFF: Technical Requirements & Design Planning                                                                                    | Amy Forrester | 2018-06-14 14:21 |                    |
| 8522 | Member Nodes          | Task         | In Progress | Normal   | CAFF: MN Communications                                                                                                           | Amy Forrester | 2018-04-11 14:48 |                    |
| 8521 | Member Nodes          | Story        | New         | Normal   | CAFF: Testing & Development                                                                                                       |               | 2018-04-06 15:17 |                    |
| 8519 | Testing MN Management | Task         | New         | Normal   | meow: Formal Announcement                                                                                                         |               | 2018-03-22 20:45 |                    |
| 8518 | Testing MN Management | Task         | New         | Normal   | meow: Mutual Acceptance                                                                                                           |               | 2018-03-22 20:45 |                    |
| 8517 | Testing MN Management | Task         | New         | Normal   | meow: Register in Production                                                                                                      |               | 2018-03-22 20:45 |                    |
| 8516 | Testing MN Management | Task         | New         | Normal   | meow: Implement in Production                                                                                                     |               | 2018-03-22 20:45 |                    |
| 8515 | Testing MN Management | Story        | New         | Normal   | meow: Move to Production                                                                                                          |               | 2018-03-22 20:45 |                    |
| 8514 | Infrastructure        | Task         | New         | Normal   | deploy new Metacat / synchronization slows down because of increased cn.create times                                              | Rob Nahf      | 2018-03-22 17:07 | d1_synchronization |
| 8507 | Infrastructure        | Task         | New         | Normal   | Support generation of citation metadata records from dublin core                                                                  |               | 2018-03-19 22:37 |                    |
| 8506 | Infrastructure        | Task         | New         | Normal   | Identify ISO metadata terms appropriate for population of data citation elements of the solr search index                         |               | 2018-10-04 18:17 |                    |
| 8505 | Infrastructure        | Task         | New         | Normal   | Review solr terms for coverage of data citation elements                                                                          | Monica Ihli   | 2018-03-19 21:57 |                    |
| 8504 | Infrastructure        | Story        | New         | Normal   | Support creation of data citation record from solr record                                                                         | Monica Ihli   | 2018-07-17 23:06 | d1_indexer         |
| 8500 | Infrastructure        | Bug          | New         | High     | Geohash not calculated properly                                                                                                   | Jing Tao      | 2018-03-14 17:06 | d1_indexer         |
| 8499 | Infrastructure        | Task         | New         | Normal   | Improve rendering of <a href="http://www.isotc211.org/2005/gmd-pangaea">http://www.isotc211.org/2005/gmd-pangaea</a> in search UI |               | 2018-05-01 01:07 |                    |
| 8498 | Member Nodes          | Task         | In Progress | Normal   | SANParks metacat not responding to harvest requests                                                                               | Matthew Jones | 2019-04-15 18:09 |                    |

| #    | Project               | Tracker      | Status      | Priority | Subject                                                                                                              | Assignee      | Updated          | Category           |
|------|-----------------------|--------------|-------------|----------|----------------------------------------------------------------------------------------------------------------------|---------------|------------------|--------------------|
| 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         |
| 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  |
| 8467 | Testing MN Management | Task         | New         | Normal   | test: Display as Upcoming                                                                                            |               | 2018-03-01 21:04 |                    |
| 8466 | Testing MN Management | Task         | New         | Normal   | test: Test Registration                                                                                              |               | 2018-03-01 21:04 |                    |
| 8465 | Testing MN Management | Task         | New         | Normal   | test: Develop or Implement MN Software                                                                               |               | 2018-03-01 21:04 |                    |
| 8464 | Testing MN Management | Task         | New         | Normal   | test: Metadata Validation                                                                                            |               | 2018-03-01 21:04 |                    |
| 8463 | Testing MN Management | Story        | New         | Normal   | test: Testing & Development                                                                                          |               | 2018-03-01 21:04 |                    |
| 8462 | Testing MN Management | MNDeployment | New         | Normal   | Test MN ticket                                                                                                       |               | 2018-03-01 20:57 |                    |
| 8461 | Testing MN Management | MNDeployment | New         | Normal   | MEOW - Monitoring Ecosystems & Oceans in Wales                                                                       |               | 2018-03-22 20:45 |                    |
| 8448 | Infrastructure        | Bug          | New         | Normal   | d1_cn_index_tool doesn't reindex an pid from a given file                                                            | Jing Tao      | 2018-03-02 22:06 | d1_indexer         |
| 8383 | Testing MN Management | Task         | New         | Normal   | Feasibility Assessment                                                                                               |               | 2018-02-27 17:32 |                    |
| 8382 | Testing MN Management | Task         | New         | Normal   | Initial Communications                                                                                               |               | 2018-02-27 17:32 |                    |
| 8381 | Testing MN Management | Story        | New         | Normal   | Discovery                                                                                                            |               | 2018-02-27 17:32 |                    |
| 8380 | Infrastructure        | Bug          | New         | Normal   | MN.update method doesn't check if the authoritativeMN is null on the system metadata of the new object               | Jing Tao      | 2018-03-02 21:53 | Metacat            |
| 8379 | Infrastructure        | Bug          | New         | Normal   | remove or improve AuthLdap.getGroups logging statement                                                               | Jing Tao      | 2018-02-27 16:51 | Metacat            |
| 8378 | Member Nodes          | Task         | In Progress | Normal   | (OTS) replicate data                                                                                                 | Amy Forrester | 2018-07-31 18:49 |                    |
| 8376 | Infrastructure        | Feature      | New         | Normal   | Make the script file - insertOrUpdateObjectFormatList.sh (in metacat cn buildout) change the user name automatically | Jing Tao      | 2018-02-21 22:48 | d1_cn_buildout     |
| 8369 | Infrastructure        | Task         | New         | Normal   | Verify operation and transfer DNS                                                                                    | Dave Vieglais | 2018-02-15 17:40 |                    |
| 8368 | Infrastructure        | Story        | New         | Normal   | Update backup strategy for jenkins job configurations to subversion                                                  | Dave Vieglais | 2019-01-22 19:25 | Support Operations |
| 8367 | Infrastructure        | Story        | New         | Normal   | Duplicate jenkins jobs from UNM to UCSB                                                                              | Dave Vieglais | 2019-01-22 19:25 | Support Operations |
| 8366 | Infrastructure        | Story        | New         | Normal   | Migrate jenkins continuous integration from UNM to UCSB                                                              | Dave Vieglais | 2019-01-22 19:26 | Support Operations |
| 8364 | CN REST               | Story        | In Progress | Normal   | Ensure portal uses correct X509 certificates                                                                         |               | 2019-05-21 12:57 | d1_portal_servlet  |



| #    | Project               | Tracker | Status      | Priority | Subject                                                             | Assignee      | Updated          | Category   |
|------|-----------------------|---------|-------------|----------|---------------------------------------------------------------------|---------------|------------------|------------|
| 8363 | Infrastructure        | Story   | New         | Normal   | indexer shutdown generates index tasks                              | Rob Nahf      | 2018-09-24 15:25 | d1_indexer |
| 8362 | Infrastructure        | Task    | New         | Normal   | Add the indication that the cn account list is sliced               |               | 2018-02-12 17:48 |            |
| 8361 | Infrastructure        | Bug     | New         | Normal   | index processor throws unhandled NPE if task systemMetadata is null | Rob Nahf      | 2018-03-22 16:54 | d1_indexer |
| 8358 | Member Nodes          | Story   | In Progress | Normal   | Discovery & Planning (CAFF)                                         | Amy Forrester | 2018-04-06 14:56 |            |
| 8356 | Testing MN Management | Task    | New         | Normal   | Formal Announcement                                                 |               | 2018-02-23 19:06 |            |
| 8355 | Testing MN Management | Task    | New         | Normal   | Mutual Acceptance                                                   |               | 2018-02-08 15:28 |            |
| 8354 | Testing MN Management | Task    | New         | Normal   | Register in Production                                              |               | 2018-02-08 15:28 |            |
| 8353 | Testing MN Management | Task    | New         | Normal   | Implement in Production                                             |               | 2018-02-08 15:29 |            |
| 8352 | Testing MN Management | Story   | New         | Normal   | Move to Production                                                  |               | 2018-02-08 15:28 |            |
| 8351 | Testing MN Management | Task    | New         | Normal   | Display as Upcoming                                                 |               | 2018-02-08 15:28 |            |
| 8350 | Testing MN Management | Task    | New         | Normal   | Test Registration                                                   |               | 2018-02-08 15:28 |            |
| 8349 | Testing MN Management | Task    | New         | Normal   | Develop or Implement MN Software                                    |               | 2018-02-08 15:28 |            |
| 8348 | Testing MN Management | Task    | New         | Normal   | Metadata Validation                                                 |               | 2018-02-08 15:28 |            |
| 8347 | Testing MN Management | Story   | New         | Normal   | Testing & Development                                               |               | 2018-02-08 15:28 |            |
| 8346 | Testing MN Management | Task    | New         | Normal   | Training & Education                                                |               | 2018-02-08 15:28 |            |
| 8345 | Testing MN Management | Task    | New         | Normal   | Technical Requirements                                              |               | 2018-02-08 15:28 |            |
| 8344 | Testing MN Management | Task    | New         | Normal   | MN Communications                                                   |               | 2018-02-22 19:47 |            |
| 8343 | Testing MN Management | Story   | New         | Normal   | Planning                                                            |               | 2018-02-08 15:28 |            |
| 8342 | Testing MN Management | Task    | New         | Normal   | Feasibility Assessment                                              |               | 2018-02-22 19:19 |            |
| 8341 | Testing MN Management | Task    | New         | Normal   | Initial Communications                                              |               | 2018-02-22 19:14 |            |
| 8340 | Testing MN Management | Story   | New         | Normal   | Discovery                                                           |               | 2018-02-08 15:28 |            |

| #    | Project               | Tracker      | Status      | Priority | Subject                                                                                                               | Assignee      | Updated          | Category                      |
|------|-----------------------|--------------|-------------|----------|-----------------------------------------------------------------------------------------------------------------------|---------------|------------------|-------------------------------|
| 8308 | Infrastructure        | Task         | New         | Normal   | Review use of /node/subject in the node documents                                                                     |               | 2018-02-06 20:05 |                               |
| 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           |
| 8294 | Testing MN Management | MNDeployment | New         | Normal   | Test Node 2                                                                                                           |               | 2018-02-08 15:28 |                               |
| 8259 | Member Nodes          | MNDeployment | New         | Normal   | Neotoma Paleocology Database                                                                                          | Amy Forrester | 2018-04-09 21:14 |                               |
| 8254 | Member Nodes          | MNDeployment | Planning    | Normal   | ABDS - Arctic Biodiversity Data Service (CAFF)                                                                        | Amy Forrester | 2019-09-17 14:31 |                               |
| 8247 | Member Nodes          | Task         | New         | Normal   | Verify upgraded metacat is operating correctly as a production member node.                                           | Jing Tao      | 2018-02-02 15:49 |                               |
| 8246 | Member Nodes          | Task         | New         | Normal   | Upgrade metacat to the latest version                                                                                 | Jing Tao      | 2018-04-23 16:09 |                               |
| 8244 | Member Nodes          | Story        | New         | Normal   | Upgrade Member Node to current version of Metacat (IOE)                                                               | Amy Forrester | 2018-01-25 15:36 |                               |
| 8238 | Infrastructure        | Task         | New         | Normal   | Document contacts and procedure for using KU ORCID membership API key                                                 | Dave Vieglais | 2018-01-09 02:22 | Authentication, Authorization |
| 8237 | Infrastructure        | Task         | New         | Normal   | Configure production environment to use new API key under KU ORCID membership                                         | Dave Vieglais | 2018-01-09 02:21 | Authentication, Authorization |
| 8236 | Infrastructure        | Task         | New         | Normal   | Acquire ORCID API key under KU membership                                                                             | Dave Vieglais | 2018-01-09 02:21 |                               |
| 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 |                               |
| 8234 | Infrastructure        | Story        | New         | Normal   | Use University of Kansas ORCID membership to support authentication in production environment                         | Dave Vieglais | 2018-01-09 19:10 | Authentication, Authorization |
| 8232 | Member Nodes          | Task         | New         | Normal   | MN Dashboard/Website Deployment Workflow Documentation                                                                | Dustin Allen  | 2018-01-08 23:30 |                               |
| 8230 | Infrastructure        | Task         | New         | Normal   | review bouncy castle version                                                                                          | Rob Nahf      | 2018-03-02 21:48 | d1_libclient_java             |
| 8228 | Infrastructure        | Bug          | New         | Normal   | Excessive replicas requested by integration test                                                                      | Rob Nahf      | 2018-03-02 21:52 | d1_integration                |
| 8227 | Infrastructure        | Story        | In Progress | Normal   | ExceptionHandler regurgitates long html pages into the wrapping ServiceFailure message, which goes into CN log files. | Rob Nahf      | 2018-01-09 19:10 | d1_common_java                |
| 8225 | Member Nodes          | Story        | In Progress | Normal   | Customize Indexing & View for gmd-pangaea                                                                             | Rob Nahf      | 2018-05-17 14:30 |                               |
| 8224 | Infrastructure        | Task         | New         | Normal   | metacat not promoting node token privs for solr                                                                       | Jing Tao      | 2017-12-04 19:33 | Metacat                       |
| 8222 | Infrastructure        | Task         | New         | Normal   | reindex all isotc211 content in production to reflect final decisions from origin field mapping                       | Dave Vieglais | 2018-03-22 16:56 | d1_indexer                    |
| 8215 | Infrastructure        | Bug          | New         | Normal   | Consider how Subjects are compared (e.g. HTTP vs. HTTPS ORCID URIs)                                                   |               | 2017-11-07 22:11 |                               |
| 8213 | Member Nodes          | Story        | New         | Normal   | KUBI node is not responding as a MN                                                                                   | Dave Vieglais | 2017-11-06 22:18 |                               |
| 8210 | Infrastructure        | Feature      | New         | Normal   | Generate daily reports by member node of discrepancies between CN vs MN content                                       |               | 2017-10-25 18:50 |                               |
| 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 |                               |

| #    | Project        | Tracker      | Status      | Priority | Subject                                                                                                                        | Assignee        | Updated          | Category           |
|------|----------------|--------------|-------------|----------|--------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------|--------------------|
| 8207 | Infrastructure | Story        | New         | Normal   | review and adjust memory allocated to d1-processing                                                                            |                 | 2018-01-09 19:10 |                    |
| 8206 | Infrastructure | Task         | New         | Normal   | Review and adjust memory allocation to Solr and zookeeper                                                                      |                 | 2017-10-24 16:03 |                    |
| 8205 | Infrastructure | Task         | New         | Normal   | Adjust memory allocation to Tomcat7 on CNs                                                                                     |                 | 2017-10-24 15:33 |                    |
| 8204 | Infrastructure | Story        | New         | Normal   | Adjust memory allocation for services running under JVM on CNs                                                                 |                 | 2018-01-09 19:10 |                    |
| 8196 | Infrastructure | Bug          | New         | Normal   | Duplicated replicas in the system metadata                                                                                     | Jing Tao        | 2017-10-18 17:19 | d1_replication     |
| 8195 | Infrastructure | Bug          | In Progress | High     | Tomcat out of memory error                                                                                                     | Dave Vieglais   | 2017-12-26 20:01 |                    |
| 8189 | Infrastructure | Decision     | New         | Normal   | Proposal to change the roles mapped to the origin Solr field for ISO docs                                                      | Bryce Mecum     | 2017-12-20 01:28 |                    |
| 8188 | Member Nodes   | MNDeployment | New         | Normal   | Ag Data Commons                                                                                                                | Rebecca Koskela | 2017-09-22 23:06 |                    |
| 8187 | Member Nodes   | Support      | New         | Normal   | EZID DOI resolvable URLs failing for 14 PISCO objects                                                                          |                 | 2017-09-19 22:12 |                    |
| 8186 | Member Nodes   | MNDeployment | Operational | Normal   | ESS-DIVE, including CDIAC                                                                                                      | Matthew Jones   | 2018-12-04 14:57 |                    |
| 8184 | Infrastructure | Feature      | New         | Normal   | a feature indicates to restart tomcat when hazelcast client died                                                               | Jing Tao        | 2017-09-14 19:14 | Metacat            |
| 8182 | Infrastructure | Bug          | New         | Normal   | relationships defined using SIDs in resource maps don't stay current                                                           | Rob Nahf        | 2017-09-12 00:13 | d1_indexer         |
| 8173 | Infrastructure | Story        | New         | High     | add checks for retrograde systemMetadata changes                                                                               | Jing Tao        | 2018-01-17 18:38 | d1_indexer         |
| 8172 | Infrastructure | Story        | In Progress | Normal   | investigate atomic updates for some solr updates                                                                               | Rob Nahf        | 2018-01-17 18:39 | d1_indexer         |
| 8171 | Infrastructure | Task         | New         | Normal   | Document hazelcast components to be moved to postgres storage                                                                  | Monica Ihli     | 2017-09-01 15:25 |                    |
| 8170 | Infrastructure | Task         | New         | Normal   | Identify the components that are currently managed in LDAP on the Coordinating Nodes and how these may be migrated to postgres | Monica Ihli     | 2017-09-01 15:20 |                    |
| 8169 | Infrastructure | Task         | New         | Normal   | Document process for changing the postgres master                                                                              | Monica Ihli     | 2017-09-01 15:09 |                    |
| 8168 | Infrastructure | Task         | New         | Normal   | Evaluate options for postgres replication configuration                                                                        | Monica Ihli     | 2017-09-01 15:11 |                    |
| 8167 | Infrastructure | Story        | New         | Normal   | Enable postgres replication between Coordinating Nodes                                                                         | Monica Ihli     | 2018-01-09 19:10 | dataone-cn-os-core |
| 8162 | Infrastructure | Story        | New         | Normal   | Replication tasks can contain stale potential target nodes                                                                     | Rob Nahf        | 2018-03-02 21:47 | d1_replication     |
| 8161 | Infrastructure | Bug          | New         | Normal   | d1-processing Out of Memory Error                                                                                              | Dave Vieglais   | 2018-02-20 16:19 | d1_process_daemon  |
| 8155 | Infrastructure | Story        | In Progress | Normal   | Ensure GMN fully supports the Package API                                                                                      | Roger Dahl      | 2018-01-17 18:43 | d1_mn_GMN          |
| 8154 | Member Nodes   | Task         | New         | Normal   | Test content from the test NKN member node should be archived or deleted from production                                       |                 | 2017-07-26 19:55 |                    |
| 8151 | Infrastructure | Task         | New         | Normal   | CNs should verify that the authoritativeMN listed in SystemMetadata is a valid MN                                              | Jing Tao        | 2017-07-19 21:32 |                    |
| 8150 | Infrastructure | Task         | New         | Normal   | Enable CN certificate to alter authoritativeMN property in SystemMetadata                                                      | Jing Tao        | 2017-07-19 21:27 |                    |
| 8149 | Member Nodes   | Task         | New         | Normal   | Test 1.x to 2.x pip upgrade w/ no data                                                                                         | Monica Ihli     | 2017-09-26 15:57 |                    |
| 8146 | Member Nodes   | Task         | New         | Normal   | Failed Sync Parser                                                                                                             | Monica Ihli     | 2017-07-19 00:46 |                    |
| 8145 | Member Nodes   | Task         | New         | Normal   | Test Fabric                                                                                                                    | Monica Ihli     | 2017-07-19 00:44 |                    |

| #    | Project        | Tracker | Status      | Priority | Subject                                                                                                                  | Assignee       | Updated          | Category                      |
|------|----------------|---------|-------------|----------|--------------------------------------------------------------------------------------------------------------------------|----------------|------------------|-------------------------------|
| 8123 | Infrastructure | Bug     | Testing     | Normal   | portal hazelcast client should load config directly from xml                                                             | Rob Nahf       | 2017-12-26 18:20 | d1_portal_servlet             |
| 8115 | Infrastructure | Bug     | New         | Normal   | LDAP logging is set to DEBUG on production CNs                                                                           | Rob Nahf       | 2017-12-26 18:29 | dataone-cn-os-core            |
| 8109 | Infrastructure | Story   | New         | Normal   | Does authentication token need to include group information?                                                             | Dave Vieglais  | 2018-01-17 18:45 | Authentication, Authorization |
| 8108 | Infrastructure | Support | New         | Normal   | Must determine the state of replication auditing for when replicas on non-functioning MNs are still reported as complete | Dave Vieglais  | 2017-06-06 17:56 | d1_replication_auditor        |
| 8107 | Infrastructure | Feature | New         | Normal   | Improved Node Synchronization Feedback - Leveraging MNRead.synchronizationFailed()                                       |                | 2017-06-27 16:46 | Architecture Design           |
| 8106 | Infrastructure | Bug     | Testing     | Normal   | Difficulty Distinguishing Between Different Kinds of Failed Sync "Not Found" Error Messages                              | Rob Nahf       | 2018-02-20 16:57 | d1_synchronization            |
| 8105 | Infrastructure | Task    | New         | Normal   | Remove dataone-mercury from production CNs                                                                               | Jing Tao       | 2018-03-02 22:17 | d1_mercury                    |
| 8104 | Infrastructure | Task    | New         | Normal   | Upgrade postgresql jdbc jar file on Metacat                                                                              | Jing Tao       | 2017-06-02 20:58 | Metacat                       |
| 8103 | Infrastructure | Task    | New         | Normal   | Upgrade the postgresql jdbc jar file on the cn context                                                                   | Jing Tao       | 2017-06-02 20:56 | d1_cn_service                 |
| 8102 | Infrastructure | Task    | New         | Normal   | Upgrade postgresql jdbc jar file on Portal                                                                               | Jing Tao       | 2017-06-02 20:53 | d1_portal                     |
| 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            |
| 8093 | Infrastructure | Bug     | New         | Normal   | resource map index processing is inefficient (2sec / referenced object)                                                  | Rob Nahf       | 2017-05-10 20:00 | d1_indexer                    |
| 8091 | Infrastructure | Task    | In Progress | Normal   | Mysterious sync failure of an eml object from the GOA node                                                               | Jing Tao       | 2017-05-09 21:33 | dataone-cn-os-core            |
| 8086 | Infrastructure | Task    | In Progress | Normal   | upgrade Spring dependencies                                                                                              | Rob Nahf       | 2019-07-25 20:32 | d1_indexer                    |
| 8084 | Infrastructure | Story   | New         | Normal   | determine the backup strategy for rabbitMQ                                                                               | Rob Nahf       | 2018-01-17 18:46 | d1_indexer                    |
| 8082 | Infrastructure | Story   | New         | Normal   | implement SolrCloudClient to replace HttpService to allow concurrent updates of the solr index from differen machines    | Rob Nahf       | 2018-01-09 19:10 | d1_indexer                    |
| 8081 | Infrastructure | Story   | In Progress | Normal   | develop federated broker configuration for indexing                                                                      | Rob Nahf       | 2018-01-17 18:46 | d1_indexer                    |
| 8080 | Infrastructure | Task    | In Progress | Normal   | ioslate queue creation logic from processing logic from the queue definition logic                                       | Rob Nahf       | 2017-05-09 22:55 | d1_indexer                    |
| 8079 | Infrastructure | Task    | In Progress | Normal   | prototype durable task processing for d1_index_processor                                                                 | Rob Nahf       | 2017-04-26 05:45 | d1_indexer                    |
| 8078 | Infrastructure | Task    | New         | Normal   | standardize task serialization for language independence                                                                 | Rob Nahf       | 2017-04-25 22:39 | d1_indexer                    |
| 8077 | Search UI      | Task    | New         | Normal   | Use ORE PID for citation if DOI                                                                                          |                | 2017-04-24 16:32 |                               |
| 8076 | Infrastructure | Bug     | New         | High     | sysmeta can not be retrieved for some objects                                                                            | Dave Vieglais  | 2017-04-22 01:54 | dataone-cn-rest-service       |
| 8074 | Python GMN     | Story   | New         | Normal   | Eliminate unnecessary setuid/setgid programs                                                                             | Roger Dahl     | 2018-01-17 18:48 |                               |
| 8073 | Python GMN     | Story   | New         | Normal   | Make sure unecessary services are disabled                                                                               | Roger Dahl     | 2018-01-17 18:48 |                               |
| 8070 | Infrastructure | Task    | New         | Normal   | Consolidate the index application-context files                                                                          | Jing Tao       | 2017-04-13 12:51 |                               |
| 8069 | Infrastructure | Bug     | New         | Normal   | Name from ORCID incorrectly parsed                                                                                       | Ben Leinfelder | 2017-04-12 20:28 | d1_portal_servlet             |
| 8066 | Infrastructure | Task    | New         | Normal   | Verify completeness of unit test MetacatRdfXmlSubprocessorTest                                                           | Dave Vieglais  | 2017-04-11 23:47 | d1_indexer                    |

| #    | Project        | Tracker      | Status      | Priority | Subject                                                                                                                             | Assignee        | Updated          | Category            |
|------|----------------|--------------|-------------|----------|-------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------|---------------------|
| 8065 | Infrastructure | Feature      | New         | Normal   | Add service to re-populate Hazelcast map for node attributes                                                                        |                 | 2018-01-09 19:10 |                     |
| 8061 | Infrastructure | Story        | New         | Normal   | develop queue-based processing system for the CN                                                                                    | Rob Nahf        | 2018-01-17 19:00 | Architecture Design |
| 8058 | Infrastructure | Feature      | New         | Normal   | Allow "upcoming" nodes to appear in the node list                                                                                   | Robert Waltz    | 2017-04-03 18:33 | d1_cn_service       |
| 8053 | Infrastructure | Feature      | New         | Normal   | add funding award number to index                                                                                                   | Peter Slaughter | 2019-03-04 19:36 | dataone-cn-index    |
| 8052 | Infrastructure | Bug          | New         | Normal   | Geohashed value is incorrect                                                                                                        | Peter Slaughter | 2017-04-07 22:06 | d1_indexer          |
| 8051 | Infrastructure | Bug          | In Progress | Normal   | CORS-based CN calls fail using Internet Explorer on Windows                                                                         | Chris Jones     | 2017-03-28 16:35 | dataone-cn-os-core  |
| 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 |
| 8046 | Infrastructure | Bug          | New         | Normal   | Mutable Member Nodes orphan unhosted objects                                                                                        |                 | 2017-03-15 17:40 | Architecture Design |
| 8045 | Infrastructure | Bug          | New         | Normal   | certificateLocation not seeming to be utilized                                                                                      | Rob Nahf        | 2017-03-14 20:45 | d1_libclient_java   |
| 8044 | Infrastructure | Story        | New         | Normal   | certificate manager should check expiration of CAs it loads into the trust manager.                                                 | Rob Nahf        | 2018-01-09 19:10 | d1_libclient_java   |
| 8043 | Infrastructure | Bug          | New         | Normal   | The origin field for EML documents isn't properly extracted when references are used                                                | Jing Tao        | 2019-02-12 18:45 | d1_indexer          |
| 8038 | Infrastructure | Story        | In Progress | Normal   | connect logging output to a log analysis tool                                                                                       | Dave Vieglais   | 2018-01-17 18:52 | 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  |
| 8035 | Member Nodes   | MNDeployment | Operational | Normal   | IEDA_EarthChem Library (Interdisciplinary Earth Data Alliance)                                                                      | Dave Vieglais   | 2019-05-06 14:25 |                     |
| 8032 | Python GMN     | Story        | In Progress | Normal   | GMN v2                                                                                                                              | Roger Dahl      | 2018-01-17 18:55 |                     |
| 8030 | Member Nodes   | MNDeployment | New         | Normal   | UCAR Research Data Archive                                                                                                          | Laura Moyers    | 2018-04-16 17:39 |                     |
| 8026 | Infrastructure | Task         | Testing     | High     | Portal reaches the maximum capacity in a pool                                                                                       | Jing Tao        | 2017-03-14 00:36 | d1_portal_servlet   |
| 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  |
| 8019 | Member Nodes   | Support      | New         | Normal   | Follow up on Preferred Replication Target Testing                                                                                   | Monica Ihli     | 2017-02-14 19:52 |                     |
| 8017 | Member Nodes   | Support      | New         | Normal   | NCEI - Implement GMN for replicating Arctic Data Center Data                                                                        | Roger Dahl      | 2018-05-16 14:32 |                     |
| 8010 | CN REST        | Bug          | New         | Normal   | CN.archive fails with 401 Unauthorized when using either MN or CN client certificate for PID with authoritative MN as urn:node:LTER | Jing Tao        | 2017-03-21 17:10 |                     |
| 8009 | Member Nodes   | MNDeployment | New         | Low      | Geometabolome                                                                                                                       | Laura Moyers    | 2018-04-17 17:22 |                     |
| 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 |                     |

| #    | Project        | Tracker      | Status      | Priority | Subject                                                                                           | Assignee        | Updated          | Category            |
|------|----------------|--------------|-------------|----------|---------------------------------------------------------------------------------------------------|-----------------|------------------|---------------------|
| 7990 | Member Nodes   | Task         | New         | Normal   | GINA: Mutual acceptance                                                                           | Laura Moyers    | 2017-01-27 22:18 |                     |
| 7989 | Member Nodes   | Task         | New         | Normal   | GINA: Verify CN Content and Services in Production                                                | Laura Moyers    | 2017-01-27 22:18 |                     |
| 7988 | Member Nodes   | Task         | New         | Normal   | GINA: Register MN in Production                                                                   | Laura Moyers    | 2017-01-27 22:16 |                     |
| 7987 | Member Nodes   | Task         | New         | Normal   | GINA: Verify MN Content and Services in Production                                                | Laura Moyers    | 2017-01-27 22:16 |                     |
| 7986 | Member Nodes   | Task         | New         | Normal   | GINA: Configure SSL Certificates for Production                                                   | Amy Forrester   | 2018-08-31 15:22 |                     |
| 7985 | Member Nodes   | Task         | New         | Normal   | GINA: Establish DataONE user identity in Production                                               | Laura Moyers    | 2017-01-27 22:15 |                     |
| 7984 | Member Nodes   | Task         | New         | Normal   | GINA: Show MN as "upcoming" on the dashboard                                                      | Laura Moyers    | 2017-01-27 22:13 |                     |
| 7982 | Member Nodes   | Task         | New         | Normal   | GINA: Verify CN Content and Services in Testing Environment                                       | Laura Moyers    | 2017-01-27 18:59 |                     |
| 7981 | Member Nodes   | Task         | New         | Normal   | GINA: Register MN in Testing Environment                                                          | Laura Moyers    | 2017-01-27 18:47 |                     |
| 7980 | Member Nodes   | Task         | New         | Normal   | GINA: Verify MN Content and Services in Testing Environment                                       | Laura Moyers    | 2017-01-27 18:46 |                     |
| 7979 | Member Nodes   | Task         | New         | Normal   | GINA: Configure SSL Certificates for Testing Environment                                          | Amy Forrester   | 2018-08-31 15:23 |                     |
| 7978 | Member Nodes   | Task         | New         | Normal   | GINA: Establish DataONE user identity in Testing Environment                                      | Laura Moyers    | 2017-01-27 18:44 |                     |
| 7977 | Member Nodes   | Task         | New         | Normal   | GINA: Local Testing                                                                               | Roger Dahl      | 2017-01-27 18:46 |                     |
| 7976 | Member Nodes   | Task         | New         | Normal   | GINA: Register any new object formats in all environments                                         | Laura Moyers    | 2017-01-27 18:45 |                     |
| 7975 | Member Nodes   | Task         | New         | Normal   | GINA: Implement search index and display support for any new metadata formats required by the MN. | Roger Dahl      | 2017-01-27 18:34 |                     |
| 7973 | Member Nodes   | MNDeployment | New         | Low      | Alaska Energy Data Gateway                                                                        | Amy Forrester   | 2018-04-17 17:21 |                     |
| 7969 | Member Nodes   | MNDeployment | Operational | Normal   | FEMC (Forest Ecosystem Monitoring Cooperative) - was VMC Vermont Monitoring Cooperative           | Monica Ihli     | 2019-08-27 17:22 |                     |
| 7967 | Infrastructure | Bug          | In Progress | Normal   | The CN is not following the xml schema definition when creating dataone exceptions                | Dave Vieglais   | 2018-05-23 18:13 | Architecture Design |
| 7962 | Member Nodes   | MNDeployment | Deferred    | Low      | Alaska EPSCoR                                                                                     | Rebecca Koskela | 2018-04-13 18:28 |                     |
| 7958 | Infrastructure | Task         | In Progress | Normal   | CN sometimes sends invalid submitSynchronizationFailed document to MN                             | Rob Nahf        | 2017-01-04 17:23 | d1_synchronization  |
| 7956 | Member Nodes   | MNDeployment | Operational | Normal   | Environmental Data Initiative (EDI)                                                               | Laura Moyers    | 2018-11-13 19:14 |                     |

| #    | Project        | Tracker      | Status      | Priority | Subject                                                                                                            | Assignee      | Updated          | Category           |
|------|----------------|--------------|-------------|----------|--------------------------------------------------------------------------------------------------------------------|---------------|------------------|--------------------|
| 7954 | Infrastructure | Bug          | New         | Normal   | SyncFailedTask:submitSynchronizationFailed does not provide cert when connecting to MN                             | Roger Dahl    | 2017-04-19 18:55 | d1_synchronization |
| 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 |                    |
| 7940 | Infrastructure | Story        | New         | Normal   | Retrieval of system metadata is too slow                                                                           | Robert Waltz  | 2018-01-09 19:10 | d1_cn_service      |
| 7936 | Infrastructure | Bug          | New         | Normal   | Same pid with different status exists in the index_task table                                                      | Jing Tao      | 2017-02-27 18:07 | d1_indexer         |
| 7935 | Infrastructure | Task         | New         | Normal   | Use a dedicated hazelcast queue as the listener to generate index task                                             | Jing Tao      | 2017-02-27 18:07 | d1_indexer         |
| 7933 | Infrastructure | Bug          | New         | Normal   | d1-index-task-processor stops processing task queue                                                                | Jing Tao      | 2017-01-11 23:47 | d1_indexer         |
| 7930 | Member Nodes   | Task         | In Progress | Normal   | verify obsolescence in tDAR sandbox                                                                                | Dave Vieglais | 2016-12-01 23:47 |                    |
| 7929 | Member Nodes   | Task         | In Progress | Normal   | Archive content for SEAD                                                                                           |               | 2016-11-09 17:11 |                    |
| 7926 | DUG            | Task         | New         | Normal   | Certification and standards for data repositories (e.g. ISO 17421:2012, Data Seal of Approval)                     |               | 2016-11-08 22:00 |                    |
| 7925 | DUG            | Task         | New         | Normal   | Data Center certification                                                                                          |               | 2016-11-08 21:33 |                    |
| 7924 | Member Nodes   | MNDeployment | New         | Normal   | LTER-Spain network                                                                                                 | Laura Moyers  | 2016-11-21 14:49 |                    |
| 7922 | Infrastructure | Task         | New         | Normal   | DataONE Accessibility                                                                                              | Isis Serna    | 2016-10-31 23:05 |                    |
| 7920 | Infrastructure | Story        | In Progress | Normal   | migrate apache2 authorization rules from 2.2 conforming to 2.4                                                     | Dave Vieglais | 2018-01-17 18:59 | d1_cn_buildout     |
| 7919 | Infrastructure | Bug          | New         | High     | unloadable system metadata in CNs by Hazelcast                                                                     |               | 2016-11-01 19:30 | Metacat            |
| 7918 | CN REST        | Bug          | New         | Normal   | SEAD object only partially synchronized - missing autogen.2016092916012224122 document from /var/metacat/documents | Dave Vieglais | 2016-10-21 18:00 | cn_metacat         |
| 7911 | CN REST        | Task         | New         | Normal   | Synchronization allows invalid checksums, preventing corrected sync                                                |               | 2016-10-17 15:58 | d1_synchronization |
| 7910 | Infrastructure | Task         | New         | Normal   | schema validation behavior                                                                                         | Rob Nahf      | 2018-01-18 02:41 | d1_common_java     |
| 7909 | DUG            | Task         | New         | Normal   | DataONE update audio/visual equipment for remote link                                                              |               | 2016-10-11 20:49 |                    |
| 7908 | DUG            | Task         | New         | Normal   | Start a lesson learned document                                                                                    |               | 2016-10-11 20:35 |                    |
| 7907 | DUG            | Task         | New         | Normal   | Doodle poll on the time/date for monthly meeting                                                                   |               | 2016-10-11 20:35 |                    |
| 7903 | CN REST        | Task         | New         | Normal   | Need to implement/support the default http methods - HEAD and GET on all DataONE API (both cn and mn)              | Jing Tao      | 2016-10-10 16:53 | d1_cn_rest         |
| 7900 | Member Nodes   | Task         | New         | Normal   | R2R: modify searchUI to accommodate cruise path display for single data package                                    | Lauren Walker | 2016-10-04 23:43 |                    |
| 7899 | Member Nodes   | Task         | New         | Normal   | R2R: modify searchUI to accommodate composite data density with cruise paths                                       | Lauren Walker | 2016-10-05 03:51 |                    |
| 7896 | Member Nodes   | Bug          | In Progress | Normal   | Dryad data sets don't mark new versions correctly in SystemMetadata with obsoletes/obsoletedBy                     | Monica Ihli   | 2017-07-24 10:10 |                    |
| 7895 | Member Nodes   | MNDeployment | Operational | Normal   | Pangaea                                                                                                            | Monica Ihli   | 2018-12-04 14:58 |                    |
| 7890 | Infrastructure | Task         | In Progress | Normal   | configure jenkins-ucsb-1 apache server to host ubuntu repositories                                                 | Rob Nahf      | 2017-04-19 19:12 |                    |

| #    | Project          | Tracker      | Status      | Priority | Subject                                                                                                                                                                                                         | Assignee      | Updated          | Category            |
|------|------------------|--------------|-------------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------|---------------------|
| 7889 | Infrastructure   | Story        | New         | Normal   | Synchronization not happening when authoritativeMN is not set correctly.                                                                                                                                        | Rob Nahf      | 2018-01-17 19:01 | d1_synchronization  |
| 7884 | Infrastructure   | Task         | New         | Normal   | CN portal log is misconfigured                                                                                                                                                                                  | Rob Nahf      | 2016-09-09 20:18 | d1_portal_servlet   |
| 7883 | Infrastructure   | Task         | New         | Normal   | Document the log files of relevance on Coordinating Nodes                                                                                                                                                       |               | 2016-09-09 20:20 |                     |
| 7882 | Infrastructure   | Story        | In Progress | Normal   | Tune CN logfile management                                                                                                                                                                                      | Dave Vieglais | 2018-01-17 19:03 |                     |
| 7876 | Infrastructure   | Feature      | New         | Normal   | Create a new admin page for Metacat admins to register schemas                                                                                                                                                  | Jing Tao      | 2016-12-21 09:11 | Metacat             |
| 7868 | Infrastructure   | Bug          | New         | Normal   | potential gaps between log harvests                                                                                                                                                                             | Rob Nahf      | 2017-03-23 15:40 | d1_log_aggregation  |
| 7865 | Member Nodes     | MNDeployment | Planning    | Normal   | Hydroshare (CUAHSI)                                                                                                                                                                                             | John Evans    | 2019-09-17 14:33 |                     |
| 7864 | DUG              | Task         | New         | Normal   | DOI Services for Members                                                                                                                                                                                        |               | 2016-08-09 20:40 |                     |
| 7863 | DUG              | Task         | New         | Normal   | Link to the recordings                                                                                                                                                                                          |               | 2016-08-09 20:40 |                     |
| 7862 | DUG              | Task         | New         | Normal   | DataONE DUG page may need updating<br>( <a href="https://www.dataone.org/dataone-users-group">https://www.dataone.org/dataone-users-group</a> )                                                                 |               | 2016-08-08 15:00 |                     |
| 7859 | Infrastructure   | Story        | New         | Normal   | Add formatID for the STL 3d model file format                                                                                                                                                                   | Dave Vieglais | 2018-01-17 19:04 |                     |
| 7858 | Infrastructure   | Bug          | New         | Normal   | Obsoleting a resource map clears the resourceMap field for the obsoleted package                                                                                                                                |               | 2017-03-28 16:20 | d1_indexer          |
| 7851 | Member Nodes     | MNDeployment | New         | Low      | CESAB - Center for Synthesis and Analysis for Biodiversity                                                                                                                                                      | Laura Moyers  | 2018-04-17 17:19 |                     |
| 7850 | Infrastructure   | Task         | New         | Normal   | Passing SID to MNRead.systemMetadataChanged()                                                                                                                                                                   | Dave Vieglais | 2016-07-20 20:00 |                     |
| 7849 | CN REST          | Task         | New         | Normal   | Improve exception messages when cascading SSL derived exceptions                                                                                                                                                | Rob Nahf      | 2016-07-19 17:23 |                     |
| 7842 | Member Nodes     | MNDeployment | Operational | Normal   | Research Workspace                                                                                                                                                                                              | Roger Dahl    | 2018-08-14 17:05 |                     |
| 7839 | DataONE API      | Task         | New         | Normal   | Online documentation places synchronize in CNRead api                                                                                                                                                           | Dave Vieglais | 2016-12-21 09:04 | api_documentation   |
| 7838 | DataONE API      | Task         | New         | Normal   | Modify the obsolescence chain process to accommodate the use case where both old and new PIDs are present on the CN for v1 MNs                                                                                  | Dave Vieglais | 2016-06-29 02:20 |                     |
| 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      |
| 7825 | Infrastructure   | Bug          | New         | Normal   | Hazelcast service stops working after a while                                                                                                                                                                   | Jing Tao      | 2016-06-07 18:53 | Metacat             |
| 7822 | Infrastructure   | Task         | New         | Normal   | Should we configure clients to use Expect 100-Continue header in 1.1 requests                                                                                                                                   | Rob Nahf      | 2016-06-03 19:46 | d1_libclient_java   |
| 7821 | Python Libraries | Task         | New         | Low      | Verify Expect: 100-Continue header on POST or PUT requests                                                                                                                                                      | Roger Dahl    | 2016-06-03 19:58 | d1_libclient_python |
| 7810 | Infrastructure   | Story        | New         | Normal   | Need to avoid buffer overflow condition during HTTP client TLS renegotiation                                                                                                                                    | Rob Nahf      | 2018-01-17 19:09 |                     |
| 7807 | Infrastructure   | Story        | New         | Low      | cn.synchronize should support synchronization failure corrections.                                                                                                                                              |               | 2018-01-17 19:15 | Architecture Design |
| 7800 | DUG              | Task         | New         | Normal   | abstract reviews<br>( <a href="https://docs.google.com/document/d/1iZXCN4AWqYi5Z7wqMKb2o33QnQ_JAcV0KVO4TeahHVA/edit">https://docs.google.com/document/d/1iZXCN4AWqYi5Z7wqMKb2o33QnQ_JAcV0KVO4TeahHVA/edit</a> ) |               | 2016-05-10 15:18 |                     |
| 7774 | Infrastructure   | Task         | New         | Normal   | GMN: Move to Let's Encrypt                                                                                                                                                                                      |               | 2016-05-09 22:16 |                     |



| #    | Project        | Tracker      | Status      | Priority | Subject                                                                                                 | Assignee       | Updated          | Category                   |
|------|----------------|--------------|-------------|----------|---------------------------------------------------------------------------------------------------------|----------------|------------------|----------------------------|
| 7767 | Infrastructure | Task         | New         | Normal   | In DataONE search results, move map display to map extent                                               | Dave Vieglais  | 2016-05-04 18:31 |                            |
| 7765 | Python GMN     | Task         | New         | Normal   | Add "logrotate" capability as part of the GMN deployment                                                | Roger Dahl     | 2016-05-04 02:38 |                            |
| 7759 | Python GMN     | Bug          | New         | Normal   | GMN docs refer to /portal for identity management                                                       | Roger Dahl     | 2017-03-28 16:45 |                            |
| 7758 | Member Nodes   | MNDeployment | New         | Low      | Polar Rock Repository (PRR) at Ohio State                                                               |                | 2018-04-17 17:28 |                            |
| 7757 | Member Nodes   | MNDeployment | Deferred    | Normal   | GINA - Geographic Information Network of Alaska                                                         | Roger Dahl     | 2018-08-31 15:22 |                            |
| 7754 | Search UI      | Story        | In Progress | Normal   | Support for XSL transform of various metadata formats                                                   | Bryce Mecum    | 2018-05-17 14:18 | MetacatUI                  |
| 7750 | CN REST        | Task         | New         | Normal   | apply business rules on the CN that Subject strings will be stripped of leading and trailing whitespace |                | 2016-04-26 17:30 |                            |
| 7749 | Member Nodes   | Task         | New         | Normal   | Evaluate disposition of the ESA MN's current content                                                    | Matthew Jones  | 2016-04-26 19:52 |                            |
| 7746 | CN REST        | Bug          | In Progress | Normal   | Node registration update fails when <contactSubject> spans multiple lines                               | Rob Nahf       | 2016-04-26 17:30 | d1_cn_noderegistry         |
| 7744 | Infrastructure | Task         | New         | Normal   | put together initial design                                                                             |                | 2016-06-22 17:19 |                            |
| 7740 | Python GMN     | Bug          | New         | High     | GMN fails to write system metadata during a refresh under unknown conditions                            | Roger Dahl     | 2016-04-14 14:56 |                            |
| 7739 | Python GMN     | Bug          | New         | Normal   | GMN Django models need to be adjusted for var char content greater than 1024 character length           | Roger Dahl     | 2016-04-14 14:47 |                            |
| 7738 | Python GMN     | Bug          | New         | High     | GMN perpetually retries system metadata updates after failures                                          | Roger Dahl     | 2016-04-14 14:26 |                            |
| 7716 | Infrastructure | Story        | In Progress | Normal   | How to facilitate resubmission of sync Failures?                                                        | Dave Vieglais  | 2018-01-17 19:22 | d1_synchronization         |
| 7713 | Infrastructure | Story        | New         | Normal   | d1DebConfig.xml should be versioned in dataone-cn-os-core                                               | Rob Nahf       | 2018-01-17 19:24 | d1_cn_buildout             |
| 7712 | Infrastructure | Story        | New         | Normal   | Sanparks fails during LogAggregation                                                                    | Laura Moyers   | 2016-04-06 16:43 | Environment.Producti<br>on |
| 7703 | Python GMN     | Task         | New         | Normal   | GMN populating ipAddress in LogEntry with abnormal strings                                              | Roger Dahl     | 2016-06-22 17:19 |                            |
| 7702 | Log Reporting  | Task         | New         | Normal   | abnormal strings in ipAddress field of solr                                                             | Robert Waltz   | 2016-06-22 17:18 | d1_log_aggregation         |
| 7699 | Infrastructure | Bug          | New         | Normal   | alter scripts that backup postgresql db                                                                 |                | 2017-05-09 17:33 | dataone-cn-os-core         |
| 7698 | Infrastructure | Bug          | New         | Low      | Exclude SLF4J jars in d1_solr_extensions.jar                                                            |                | 2016-03-28 16:22 | d1_cn_solr_extensio<br>ns  |
| 7688 | Infrastructure | Bug          | New         | Normal   | LogAggregation unable to change BaseURLs upon updateNodeCapabilities notification                       | Dave Vieglais  | 2018-01-02 12:02 | d1_log_aggregation         |
| 7687 | CN REST        | Bug          | New         | Normal   | Synchronization unable to change BaseURLs upon updateNodeCapabilities notification                      | Rob Nahf       | 2016-07-22 19:22 | d1_synchronization         |
| 7686 | Member Nodes   | Task         | Testing     | High     | tDAR - Enable URL links out to data from search results                                                 | Ben Leinfelder | 2016-09-27 15:56 |                            |
| 7684 | DataONE API    | Bug          | New         | Low      | Call to MNStorage.update() via REST API returns java.lang.StackOverflowError                            |                | 2016-03-21 23:07 |                            |
| 7682 | Log Reporting  | Task         | New         | Normal   | Sluggish Purging Read Event Cache                                                                       |                | 2016-03-17 15:02 | d1_log_aggregation         |
| 7668 | Infrastructure | Story        | New         | Normal   | Determine how indexing of data packages should work                                                     | Jing Tao       | 2018-01-17 19:28 | d1_indexer                 |

| #    | Project        | Tracker      | Status      | Priority | Subject                                                                                                                                 | Assignee      | Updated          | Category                   |
|------|----------------|--------------|-------------|----------|-----------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------|----------------------------|
| 7666 | Infrastructure | Bug          | New         | Normal   | mnTestMPC repeating attempts to set replica status to FAILED                                                                            | Laura Moyers  | 2016-02-25 21:44 | Environment.Stage1         |
| 7664 | Python GMN     | Bug          | New         | Normal   | manage.py register_node_with_dataone generates "nodeReplicationPolicy" XML fragment in node capabilities even when replication is false | Roger Dahl    | 2016-04-14 14:16 |                            |
| 7651 | Python GMN     | Bug          | New         | High     | GMN returns two different dateSysMetadataModified dateTime stamps for same object                                                       | Roger Dahl    | 2016-04-14 14:17 |                            |
| 7650 | Infrastructure | Story        | New         | Normal   | DAO for SystemMetadata changes the SystemMetadata.replicationPolicy                                                                     | Rob Nahf      | 2018-01-17 19:31 | d1_cn_common               |
| 7641 | Infrastructure | Task         | New         | Normal   | contact ONEShare                                                                                                                        | Laura Moyers  | 2016-02-12 16:40 | Environment.Producti<br>on |
| 7640 | Infrastructure | Story        | New         | Normal   | ONEShare failing with ServiceFailure                                                                                                    | Laura Moyers  | 2016-02-12 16:39 | Environment.Producti<br>on |
| 7629 | Member Nodes   | MNDeployment | Operational | Normal   | Arctic Data Center - Data and Software about the Arctic                                                                                 | Matthew Jones | 2018-01-10 17:53 |                            |
| 7612 | Infrastructure | Task         | In Progress | Normal   | Contact ORNLDAAC                                                                                                                        | Laura Moyers  | 2016-02-11 18:02 | Environment.Producti<br>on |
| 7611 | Infrastructure | Story        | New         | Normal   | ORNLDAAC fails during log aggregation                                                                                                   | Laura Moyers  | 2016-01-26 16:39 | Environment.Producti<br>on |
| 7607 | Infrastructure | Task         | New         | Normal   | LTER_EUROPE refuses the production CN from harvesting log records                                                                       | Laura Moyers  | 2016-06-09 16:34 | Environment.Producti<br>on |
| 7606 | Infrastructure | Task         | In Progress | Normal   | NRDC does not trust the CN certificate for log harvesting                                                                               | Laura Moyers  | 2016-04-06 16:14 | Environment.Producti<br>on |
| 7605 | Infrastructure | Story        | New         | Normal   | MemberNodes not authorizing CN to harvest log records                                                                                   | Dave Vieglais | 2018-01-17 19:33 | Environment.Producti<br>on |
| 7601 | Infrastructure | Bug          | New         | High     | CN checksum inconsistencies                                                                                                             | Dave Vieglais | 2016-01-26 19:29 |                            |
| 7578 | DataONE API    | Bug          | New         | Normal   | Fix 404 link to d1_instance_generator folder in documentation                                                                           |               | 2016-01-08 22:01 | api_documentation          |
| 7571 | CN REST        | Task         | New         | Normal   | Description for error code 401, detail code 4957 is misleading in some cases                                                            |               | 2016-01-05 16:25 |                            |
| 7570 | Infrastructure | Bug          | In Progress | Normal   | Search UI requests cause Out of Memory Error                                                                                            | Jing Tao      | 2017-04-26 21:01 | 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        |
| 7553 | Member Nodes   | MNDeployment | New         | Normal   | OOI - Ocean Observatories Initiative                                                                                                    | Laura Moyers  | 2018-01-25 17:51 |                            |
| 7552 | Member Nodes   | MNDeployment | New         | Normal   | iDigBio - Integrated Digitized Biocollections                                                                                           | Laura Moyers  | 2016-01-05 23:45 |                            |
| 7551 | Member Nodes   | MNDeployment | New         | Normal   | FAO - Food and Agriculture Organization of the UN                                                                                       | Laura Moyers  | 2015-12-15 15:08 |                            |
| 7550 | Member Nodes   | Task         | New         | Normal   | GoA portal not copying to KNB                                                                                                           | Lauren Walker | 2015-12-14 21:41 |                            |

| #    | Project                 | Tracker      | Status      | Priority | Subject                                                                                                      | Assignee      | Updated          | Category             |
|------|-------------------------|--------------|-------------|----------|--------------------------------------------------------------------------------------------------------------|---------------|------------------|----------------------|
| 7549 | Member Nodes            | MNDeployment | New         | Low      | COS - the Center for Open Science                                                                            | Laura Moyers  | 2018-04-17 17:20 |                      |
| 7538 | Infrastructure          | Task         | New         | Normal   | look at nodeFactory in how it builds mock CNodes                                                             | Rob Nahf      | 2015-12-10 17:03 | d1_libclient_java    |
| 7537 | Infrastructure          | Task         | New         | Normal   | add nodelist refreshes to NodeLocator classes                                                                | Rob Nahf      | 2015-12-10 16:59 | d1_libclient_java    |
| 7533 | DUG                     | Task         | New         | Normal   | Create DUG 2016 Meeting page                                                                                 |               | 2015-12-08 21:44 |                      |
| 7532 | DUG                     | Task         | New         | Normal   | Registration Form for 2016.                                                                                  |               | 2015-12-08 21:30 |                      |
| 7531 | DUG                     | Task         | New         | Normal   | Quote request for EAB meeting                                                                                |               | 2015-12-08 20:13 |                      |
| 7528 | DataONE API             | Bug          | New         | Normal   | Incorrect argument name documented for CNCORE.reserveldentier                                                |               | 2015-12-08 19:51 | api_documentation    |
| 7525 | DUG                     | Task         | New         | Normal   | assessment effort update                                                                                     |               | 2015-12-07 22:25 |                      |
| 7524 | DUG                     | Task         | New         | Normal   | Explore crowd sourcing for future DUG marketing effort                                                       |               | 2015-12-07 22:25 |                      |
| 7523 | Infrastructure          | Bug          | In Progress | Normal   | D1Client no longer updates stale NodeList                                                                    | Rob Nahf      | 2016-04-19 22:27 | d1_libclient_java    |
| 7512 | Member Nodes            | MNDeployment | New         | Normal   | ECOSCOPE - Network of Research Observatories on Biodiversity                                                 | Laura Moyers  | 2016-07-22 12:40 |                      |
| 7505 | Member Nodes            | Task         | In Progress | Normal   | Correct generous access policies                                                                             | Roger Dahl    | 2018-07-02 20:39 |                      |
| 7498 | Search UI               | Task         | In Progress | Normal   | Search UI deployments need to be automated                                                                   | Chris Jones   | 2015-11-21 00:36 | MetacatUI            |
| 7489 | CN REST                 | Bug          | New         | Normal   | processing daemon common-logging misconfigured                                                               | Robert Waltz  | 2016-01-21 17:18 | d1_cn_process_daemon |
| 7484 | DUG                     | Task         | New         | Normal   | DUG Agenda                                                                                                   |               | 2015-11-10 21:39 |                      |
| 7476 | DUG                     | Task         | New         | Normal   | Do we need an event management system to better organize the DUG?                                            |               | 2015-11-09 22:43 |                      |
| 7475 | DUG                     | Task         | New         | Normal   | Work with Erin/ESIP to distribute the brochure widely to students/faculty from UNC                           |               | 2015-11-09 22:38 |                      |
| 7474 | DUG                     | Task         | New         | Normal   | Draft generic letter of invitation that DUG SC can carry and distribute widely.                              |               | 2015-11-09 22:38 |                      |
| 7473 | DUG                     | Task         | New         | Normal   | Draft 2016 DUG annual meeting brochure                                                                       |               | 2015-11-09 22:38 |                      |
| 7466 | Infrastructure          | Task         | In Progress | Normal   | Some objects not accessible on the CN via REST API                                                           | Chris Jones   | 2015-11-05 16:11 | Metacat              |
| 7440 | CN REST                 | Bug          | New         | Normal   | Non-discernable error during synchronization affecting (mostly) urn:node.mnTestAEKOS - "Client is shutdown." |               | 2015-10-20 14:46 |                      |
| 7439 | MN Service Registration | Task         | New         | Normal   | Update the search interface to support rendering and other actions for services                              | Dave Vieglais | 2015-10-16 14:06 |                      |
| 7432 | Java Client             | Bug          | In Progress | Normal   | Java Client does not support idFilter for v2 release                                                         | Rob Nahf      | 2019-06-14 18:47 | d1_libclient_java    |
| 7427 | Python Libraries        | Task         | New         | Normal   | adjust API signatures in python libraries                                                                    | Dave Vieglais | 2016-03-25 01:11 | d1_libclient_python  |
| 7425 | Python Libraries        | Task         | New         | Normal   | Replace httplib low level use in RestClient with the requests library                                        | Dave Vieglais | 2016-03-25 02:03 | d1_common_python     |
| 7407 | Infrastructure          | Story        | In Progress | Normal   | object formats in the d1_common_java bootstrap list are inconsistent with production                         | Dave Vieglais | 2016-03-15 16:49 | d1_indexer           |
| 7389 | Java Client             | Task         | Testing     | Normal   | V2 D1Object fails to download V1 content                                                                     | Chris Jones   | 2015-09-28 17:50 | d1_libclient_java    |

| #    | Project          | Tracker      | Status      | Priority | Subject                                                                                                                      | Assignee      | Updated          | Category                      |
|------|------------------|--------------|-------------|----------|------------------------------------------------------------------------------------------------------------------------------|---------------|------------------|-------------------------------|
| 7371 | Infrastructure   | Bug          | New         | Normal   | A systemMetadata update that changes the formatID from DATA to METADATA or RESOURCE_MAP will not upload the object to the CN | Robert Waltz  | 2015-09-22 21:47 | d1_cn_service                 |
| 7370 | Infrastructure   | Bug          | New         | Normal   | TypeFactory.convertTypeFromType does not use xmlValue comparisons for Enum conversions                                       | Rob Nahf      | 2015-09-21 16:07 | d1_common_java                |
| 7358 | Infrastructure   | Story        | In Progress | Normal   | ContactSubject on NodeList must be valid D1 Idap entry                                                                       | Dave Vieglais | 2016-12-21 09:05 | Authentication, Authorization |
| 7322 | Java Client      | Bug          | Testing     | Normal   | D1Object stores data in memory, causes out of memory errors                                                                  | Chris Jones   | 2015-08-28 00:15 | d1_libclient_java             |
| 7312 | Java Client      | Feature      | New         | Normal   | Restart connection manager                                                                                                   |               | 2015-08-24 17:24 | d1_libclient_java             |
| 7301 | CN REST          | Bug          | New         | Normal   | CN-stage allows connections to a MN that is operating a self-signed SSL server certificate                                   |               | 2015-08-19 03:46 |                               |
| 7299 | Python Libraries | Bug          | New         | Normal   | SolrConnection fails if persistent property is not set to True                                                               | Roger Dahl    | 2016-04-20 19:45 | d1_libclient_python           |
| 7298 | Python Libraries | Bug          | New         | Normal   | escapeQueryTerm should be a module method not a class method                                                                 | Dave Vieglais | 2015-08-18 15:06 | d1_libclient_python           |
| 7296 | Member Nodes     | MNDeployment | Planning    | Normal   | GCOOS                                                                                                                        | Monica Ihli   | 2018-04-16 15:53 |                               |
| 7291 | Python GMN       | Bug          | New         | Normal   | pypi distribution does not have all files                                                                                    | Roger Dahl    | 2016-04-14 14:57 |                               |
| 7279 | Infrastructure   | Task         | New         | Normal   | MN implementation documentation - need document management solution                                                          | Dave Vieglais | 2015-07-28 22:24 | Documentation                 |
| 7256 | Python Libraries | Task         | New         | Normal   | add cnclient.synchronize method                                                                                              | Roger Dahl    | 2016-04-21 22:37 |                               |
| 7229 | Python GMN       | Task         | New         | Normal   | non-standard server certificate locations                                                                                    | Roger Dahl    | 2016-04-21 22:37 |                               |
| 7224 | Infrastructure   | Story        | New         | Normal   | push synchronization request status indicator: synchronizeStatus method option                                               |               | 2018-01-17 19:38 | Architecture Design           |
| 7219 | Python GMN       | Story        | In Progress | Normal   | Upgrade Django version used by GMN, add better support for PUT operations                                                    | Dave Vieglais | 2016-03-25 01:24 |                               |
| 7199 | Python GMN       | Task         | New         | Normal   | Implement support for token authentication approach                                                                          | Dave Vieglais | 2016-03-25 01:27 |                               |
| 7184 | Infrastructure   | Task         | New         | Normal   | Create an Ansible script that can replace a server certificate                                                               | Nick Outin    | 2015-06-15 15:10 | Support Operations            |

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