

## Issues

| #    | Project        | Tracker      | Status      | Priority  | Subject   | Assignee      | Updated          | Category           |
|------|----------------|--------------|-------------|-----------|---|---------------|------------------|--------------------|
| 3521 | Member Nodes   | MNDeployment | Operational | Immediate | SEAD Member Node  | Laura Moyers  | 2019-06-05 17:46 |                    |
| 4210 | Infrastructure | Task         | Testing     | Immediate | Metacat does not set serialVersion correctly in CNodeService archive() or delete()                          | Chris Jones   | 2013-12-20 16:12 | Metacat            |
| 3118 | Member Nodes   | MNDeployment | Operational | Urgent    | Dryad Member Node   | Laura Moyers  | 2019-03-05 18:37 |                    |
| 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         |
| 4674 | Infrastructure | Bug          | New         | Urgent    | Ask Judith, Mike and Virginia Perez.2.1 to obsolete those pids which contain the white spaces.              | Jing Tao      | 2017-05-04 18:01 | d1_cn_service      |
| 3492 | Infrastructure | Bug          | In Progress | Urgent    | Invalid PIDs in production (whitespace)   | Jing Tao      | 2017-04-27 15:31 | Support Operations |
| 8867 | CN REST        | Bug          | New         | High      | CNCore.listChecksumAlgorithms() returns incorrect list  | Jing Tao      | 2020-08-06 00:06 | d1_cn_rest         |
| 6485 | Member Nodes   | MNDeployment | Operational | High      | The Digital Archaeology Record (tDAR)   | Laura Moyers  | 2019-10-09 02:24 |                    |
| 3556 | Member Nodes   | MNDeployment | Operational | High      | ESA Data Registry   | Amy Forrester | 2019-10-08 15:28 |                    |
| 3238 | Member Nodes   | MNDeployment | Operational | High      | Idaho Northwest Knowledge Network member node   | Amy Forrester | 2019-10-08 15:14 |                    |
| 8829 | Member Nodes   | Task         | New         | High      | get DKAN connected to GMN   | John Evans    | 2019-09-03 13:24 |                    |
| 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 |                    |
| 6544 | Member Nodes   | MNDeployment | Operational | High      | TERN Australia (powered by AEKOS)   | Bruce Wilson  | 2019-05-22 14:21 |                    |
| 8622 | Member Nodes   | Bug          | New         | High      | IOE repository is not responding  | Amy Forrester | 2019-03-05 20:54 |                    |
| 3232 | Member Nodes   | MNDeployment | Operational | High      | LTER-EUROPE   | Laura Moyers  | 2018-11-21 16:58 |                    |
| 8525 | Infrastructure | Story        | In Progress | High      | timeout exceptions thrown from Hazelcast disable synchronization  | Rob Nahf      | 2018-11-16 17:32 | d1_synchronization |
| 8722 | Infrastructure | Bug          | New         | High      | Object in search index but systemmetadata is not available.   | Jing Tao      | 2018-10-03 17:48 |                    |
| 3675 | Infrastructure | Bug          | New         | High      | package relationships not available for archived objects  | Rob Nahf      | 2018-09-21 21:01 | d1_indexer         |
| 3554 | Member Nodes   | MNDeployment | Operational | High      | KNB   | Jing Tao      | 2018-08-31 15:16 |                    |
| 3221 | Member Nodes   | MNDeployment | Operational | High      | EDAC member node  | Amy Forrester | 2018-08-31 15:15 |                    |
| 3558 | Member Nodes   | MNDeployment | Operational | High      | CDL Merritt   | Laura Moyers  | 2018-08-23 17:05 |                    |
| 6548 | Member Nodes   | MNDeployment | Operational | High      | R2R Repository  | Monica Ihli   | 2018-07-26 13:49 |                    |
| 8655 | Infrastructure | Bug          | New         | High      | Synchronization died with OOM   |               | 2018-07-13 11:24 |                    |
| 3555 | Member Nodes   | MNDeployment | Operational | High      | SANParks  | Laura Moyers  | 2018-05-09 21:19 |                    |
| 8500 | Infrastructure | Bug          | New         | High      | Geohash not calculated properly   | Jing Tao      | 2018-03-14 17:06 | d1_indexer         |
| 8173 | Infrastructure | Story        | New         | High      | add checks for retrograde systemMetadata changes  | Jing Tao      | 2018-01-17 18:38 | d1_indexer         |
| 3553 | Member Nodes   | MNDeployment | Operational | High      | PISCO   | Laura Moyers  | 2018-01-10 01:13 |                    |

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|------|----------------|--------------|-------------|----------|---|----------------|------------------|-------------------------|
| 8195 | Infrastructure | Bug          | In Progress | High     | Tomcat out of memory error  | Dave Vieglais  | 2017-12-26 20:01 |                         |
| 8076 | Infrastructure | Bug          | New         | High     | sysmeta can not be retrieved for some objects   | Dave Vieglais  | 2017-04-22 01:54 | dataone-cn-rest-service |
| 8026 | Infrastructure | Task         | Testing     | High     | Portal reaches the maximum capacity in a pool   | Jing Tao       | 2017-03-14 00:36 | d1_portal_servlet       |
| 7919 | Infrastructure | Bug          | New         | High     | unloadable system metadata in CNs by Hazelcast  |                | 2016-11-01 19:30 | Metacat                 |
| 7686 | Member Nodes   | Task         | Testing     | High     | tDAR - Enable URL links out to data from search results                               | Ben Leinfelder | 2016-09-27 15:56 |                         |
| 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 |                         |
| 7738 | Python GMN     | Bug          | New         | High     | GMN perpetually retries system metadata updates after failures                        | Roger Dahl     | 2016-04-14 14:26 |                         |
| 7651 | Python GMN     | Bug          | New         | High     | GMN returns two different dateSysMetadataModified dateTime stamps for same object     | Roger Dahl     | 2016-04-14 14:17 |                         |
| 7601 | Infrastructure | Bug          | New         | High     | CN checksum inconsistencies   | Dave Vieglais  | 2016-01-26 19:29 |                         |
| 3664 | Member Nodes   | MNDeployment | New         | High     | Landcare Research New Zealand   | Laura Moyers   | 2015-11-19 19:39 |                         |
| 6853 | Member Nodes   | MNDeployment | New         | High     | OBIS (Ocean Biogeographic Information System)   | Laura Moyers   | 2015-11-19 17:46 |                         |
| 7046 | Member Nodes   | Task         | New         | High     | Certificate DC=org,DC=dataone,CN=osu.piscoweb.org expires in Prod environment         | Laura Moyers   | 2015-04-20 16:54 |                         |
| 3906 | Member Nodes   | Task         | New         | High     | Update malformed Resource Maps  |                | 2013-08-09 17:50 |                         |
| 1556 | Infrastructure | Task         | In Progress | High     | Interns mailing list  |                | 2011-05-12 23:02 |                         |
| 820  | Requirements   | Requirement  | New         | High     | (Requirement) Common API for authentication and authorization operations              | Dave Vieglais  | 2010-09-06 21:23 | Requirement             |
| 763  | Requirements   | Requirement  | New         | High     | (Requirement) Authentication and authorization services are geographically replicated | Dave Vieglais  | 2010-09-06 20:52 | Requirement             |
| 391  | Requirements   | Requirement  | New         | High     | (Requirement) Enable different classes of users commensurate with their roles.        | Dave Vieglais  | 2010-09-06 20:51 | Requirement             |
| 390  | Requirements   | Requirement  | New         | High     | (Requirement) Consistent mechanism for identifying users                              | Dave Vieglais  | 2010-09-06 20:50 | Requirement             |
| 777  | Requirements   | Requirement  | New         | High     | (Requirement) Authorization rules should support common permission levels             | Dave Vieglais  | 2010-09-06 20:49 | Requirement             |
| 764  | Requirements   | Requirement  | New         | High     | (Requirement) Authentication and access control should be consistently available      | Dave Vieglais  | 2010-09-06 20:32 | Requirement             |
| 392  | Requirements   | Requirement  | New         | High     | (Requirement) Identity and access control should be interoperable across datanets     | Dave Vieglais  | 2010-09-06 20:31 | Requirement             |
| 765  | Requirements   | Requirement  | New         | High     | (Requirement) Tools can access an API for authn and authz                             | Dave Vieglais  | 2010-09-06 20:30 | Requirement             |
| 393  | Requirements   | Requirement  | New         | High     | (Requirement) Access control rule evaluation must be highly scalable and responsive.  | Dave Vieglais  | 2010-09-06 20:27 | Requirement             |
| 822  | Requirements   | Requirement  | New         | High     | (Requirement) Object access and manipulation should be responsive                     | Dave Vieglais  | 2010-09-06 20:27 | d1_common_java          |
| 384  | Requirements   | Requirement  | New         | High     | (Requirement) Enable efficient mechanisms for users to discover content               | Dave Vieglais  | 2010-09-06 03:58 | d1_common_java          |

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| 821  | Requirements   | Requirement  | New         | High     | (Requirement) Sponsor required functionality   | Dave Vieglais | 2010-09-06 03:28 | d1_common_java     |
| 318  | Requirements   | Requirement  | New         | High     | (Requirement) Sponsor required Y1 functionality  | Dave Vieglais | 2010-09-06 03:24 | d1_common_java     |
| 771  | Requirements   | Requirement  | New         | High     | (Requirement) User identities should have simple string serializations that express both the user identity and namespace from which it is drawn      | Dave Vieglais | 2010-09-06 03:12 | Requirement        |
| 411  | Requirements   | Requirement  | New         | High     | (Requirement) The infrastructure must survive destruction of one or more data storage nodes  | Dave Vieglais | 2010-09-06 03:10 | d1_common_java     |
| 761  | Requirements   | Requirement  | New         | High     | (Requirement) Users can specify authorization rules for data objects, science metadata objects, and process artifacts separately                     | Dave Vieglais | 2010-09-06 03:06 | Requirement        |
| 769  | Requirements   | Requirement  | New         | High     | (Requirement) Authorization should support critical roles, such as curators and system administrators  | Dave Vieglais | 2010-09-06 03:02 | Requirement        |
| 762  | Requirements   | Requirement  | New         | High     | (Requirement) User identities can be derived from existing institutional directory services  | Dave Vieglais | 2010-09-06 03:01 | Requirement        |
| 592  | Requirements   | Requirement  | New         | High     | DataONE needs to synchronize metadata between MNs and CNs  | Robert Waltz  | 2010-09-06 02:28 | d1_cn_service      |
| 795  | Requirements   | Requirement  | New         | High     | (Requirement) System must support revocation of user permissions   | Dave Vieglais | 2010-08-29 20:45 | Requirement        |
| 772  | Requirements   | Requirement  | New         | High     | (Requirement) Authentication services should be compatible with existing infrastructure and applications   | Dave Vieglais | 2010-08-11 07:54 | Requirement        |
| 770  | Requirements   | Requirement  | New         | High     | (Requirement) Authorization system should be able to express the pseudo-principal concepts like 'public'   | Dave Vieglais | 2010-08-11 00:41 | Requirement        |
| 768  | Requirements   | Requirement  | New         | High     | (Requirement) Need default authz policies that resolve problems associated with inaccessible principals  | Dave Vieglais | 2010-08-11 00:34 | Requirement        |
| 767  | Requirements   | Requirement  | New         | High     | (Requirement) Users need to be able to express embargo rules for data  | Dave Vieglais | 2010-08-11 00:16 | Requirement        |
| 766  | Requirements   | Requirement  | New         | High     | (Requirement) Users should be able to easily assign proxy privileges to other users and to systems acting on their behalf for limited time durations | Dave Vieglais | 2010-08-11 00:11 | Requirement        |
| 6562 | Member Nodes   | MNDeployment | Operational | Normal   | BCO-DMO  | Laura Moyers  | 2021-12-04 00:47 |                    |
| 8869 | Infrastructure | Story        | New         | Normal   | Equivalent identities show owning different amount of packages.  | Jing Tao      | 2020-09-24 22:34 | d1_indexer         |
| 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 |                    |
| 8817 | Infrastructure | Task         | New         | Normal   | Configure sitemaps on the CN   | Jing Tao      | 2020-03-12 18:30 |                    |
| 8860 | CN REST        | Bug          | New         | Normal   | /token endpoint doesn't set a content-type and character encoding  |               | 2020-02-29 01:00 | d1_portal          |

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| 8858 | Infrastructure | Task         | New         | Normal   | Update CN Apache configs in version control with directives to support sitemaps                       | Bryce Mecum   | 2020-02-24 19:26 |                         |
| 3213 | Member Nodes   | MNDeployment | Operational | Normal   | University of Illinois, Chicago member node   | Jing Tao      | 2020-01-23 22:42 |                         |
| 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 |
| 3230 | Member Nodes   | MNDeployment | Planning    | Normal   | ARM - Atmospheric Radiation Measurement member node   | John Evans    | 2019-11-25 20:10 |                         |
| 8856 | Infrastructure | Story        | New         | Normal   | Put the system metadata part ahead of the object part when d1_client_python constructs the multipart  |               | 2019-11-22 18:31 | d1_python               |
| 8855 | Infrastructure | Story        | New         | Normal   | Put the system metadata part ahead of the object part when d1_client_r constructs the multipart       | Matthew Jones | 2019-11-22 18:29 | d1_client_r             |
| 8854 | Infrastructure | Story        | New         | Normal   | Put the system metadata part ahead of the object part when d1_libclient_java constructs the multipart | Jing Tao      | 2019-11-22 18:25 | d1_libclient_java       |
| 8853 | Infrastructure | Story        | New         | Normal   | Make cn.resolve smarter   |               | 2019-11-15 16:50 |                         |
| 8851 | Infrastructure | Story        | New         | Normal   | CN sends error doc with "pid" to v2 endpoint  | Jing Tao      | 2019-11-06 22:31 | d1_synchronization      |
| 8849 | Infrastructure | Story        | New         | Normal   | During sync, the CN does not detect error returned from getChecksum()                                 | Jing Tao      | 2019-11-06 22:07 |                         |
| 8850 | Infrastructure | Bug          | New         | Normal   | v2.3.11 RdfXmlSubprocessor / HttpService.getDocumentBySeriesId can be wrong                           | Jing Tao      | 2019-11-06 18:32 | d1_indexer              |
| 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 |                         |
| 6957 | Member Nodes   | MNDeployment | Operational | Normal   | NRDC - Nevada Research Data Center  | Amy Forrester | 2019-10-08 18:39 |                         |
| 8844 | Member Nodes   | Bug          | New         | Normal   | Server certificate is expired   |               | 2019-10-08 18:27 |                         |
| 8772 | Member Nodes   | MNDeployment | Operational | Normal   | metaGRIL  | Jing Tao      | 2019-10-08 17:16 |                         |
| 3687 | Member Nodes   | MNDeployment | Operational | Normal   | Montana State University Institute on Ecosystems  | Amy Forrester | 2019-10-08 15:29 |                         |
| 3201 | Member Nodes   | MNDeployment | Operational | Normal   | Taiwan Forestry Research Institute  | Amy Forrester | 2019-10-08 15:26 |                         |
| 8846 | Member Nodes   | Bug          | New         | Normal   | TFRI node unresponsive  |               | 2019-10-08 15:26 |                         |
| 4700 | Member Nodes   | MNDeployment | Operational | Normal   | IARC (International Arctic Research Center) Data Archive  | Amy Forrester | 2019-10-08 15:20 |                         |
| 8845 | Member Nodes   | Bug          | New         | Normal   | Server is returning a 500 error.  |               | 2019-10-08 15:20 |                         |
| 8843 | Member Nodes   | Bug          | New         | Normal   | Server certificate is expired   |               | 2019-10-08 15:14 |                         |
| 8839 | Member Nodes   | MNDeployment | Planning    | Normal   | CMU KiltHub via Figshare  | Roger Dahl    | 2019-09-24 17:48 |                         |
| 8842 | Infrastructure | Story        | New         | Normal   | Some exceptions in Metacat  |               | 2019-09-19 17:53 |                         |
| 7865 | Member Nodes   | MNDeployment | Planning    | Normal   | Hydroshare (CUAHSI)   | John Evans    | 2019-09-17 14:33 |                         |
| 8254 | Member Nodes   | MNDeployment | Planning    | Normal   | ABDS - Arctic Biodiversity Data Service (CAFF)  | Amy Forrester | 2019-09-17 14:31 |                         |
| 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              |

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| 3559 | Member Nodes   | MNDeployment | Operational | Normal   | ONEShare  | Amy Forrester | 2019-09-03 16:40 |                    |
| 7969 | Member Nodes   | MNDeployment | Operational | Normal   | FEMC (Forest Ecosystem Monitoring Cooperative) - was VMC Vermont Monitoring Cooperative         | Monica Ihli   | 2019-08-27 17:22 |                    |
| 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         |
| 8755 | Infrastructure | Task         | New         | Normal   | Expand EML indexing support for EML 2.2   | Bryce Mecum   | 2019-08-15 01:50 |                    |
| 8835 | Member Nodes   | Story        | New         | Normal   | Add ability for scanner to stop after a certain number of errors                                | John Evans    | 2019-08-12 19:16 |                    |
| 8833 | Member Nodes   | Story        | New         | Normal   | Problems utilizing pyshacl within SlenderNodes  | John Evans    | 2019-08-09 18:20 |                    |
| 8830 | Member Nodes   | Task         | New         | Normal   | Requirements Analysis   | John Evans    | 2019-08-06 14:44 |                    |
| 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 |                    |
| 8670 | Member Nodes   | Task         | New         | Normal   | FEMC - upgrade GMN 2.3.7 to 3.0.4   | Roger Dahl    | 2019-08-02 18:22 |                    |
| 8828 | Member Nodes   | MNDeployment | In Review   | Normal   | SESAR   |               | 2019-08-01 16:09 |                    |
| 8086 | Infrastructure | Task         | In Progress | Normal   | upgrade Spring dependencies   | Rob Nahf      | 2019-07-25 20:32 | d1_indexer         |
| 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 |
| 3228 | Member Nodes   | MNDeployment | Operational | Normal   | NCEI - National Centers for Environmental Information   | Dave Vieglais | 2019-07-08 16:28 |                    |
| 8821 | Infrastructure | Bug          | New         | Normal   | Object doi:10.18739/A2610VR7Z fails to index on CN  | Jing Tao      | 2019-06-19 00:06 |                    |
| 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  |
| 8819 | Member Nodes   | Story        | New         | Normal   | IEDA documents not in DataONE   |               | 2019-06-13 19:20 |                    |
| 6674 | Member Nodes   | MNDeployment | Operational | Normal   | OTS - Neotropical Data Center   | Jing Tao      | 2019-06-10 13:03 |                    |
| 6708 | Member Nodes   | MNDeployment | Operational | Normal   | NEON - National Ecological Observatory Network  | Bruce Wilson  | 2019-06-06 19:52 |                    |
| 8815 | Infrastructure | Bug          | New         | Normal   | Investigate and fix failed sync/harvest of doi:10.18739/A2CH48                                  |               | 2019-06-04 23:26 |                    |
| 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      |
| 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 |                    |
| 8364 | CN REST        | Story        | In Progress | Normal   | Ensure portal uses correct X509 certificates  |               | 2019-05-21 12:57 | d1_portal_servlet  |
| 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 |                    |
| 8796 | Infrastructure | Story        | New         | Normal   | Various issues with service access after upgrade to 18.04                                       | Jing Tao      | 2019-05-21 12:38 |                    |
| 8804 | Infrastructure | Task         | New         | Normal   | Add ldap backup config to cn os-core  | Dave Vieglais | 2019-05-21 12:32 | dataone-cn-os-core |

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| 8683 | Member Nodes   | Story        | New         | Normal   | USGS SDC: redeploy as a v2 Slender Node with GMN                              | John Evans     | 2019-05-15 14:03 |                        |
| 8704 | Member Nodes   | MNDeployment | Operational | Normal   | IEDA_Marine-Geo Digital Library (Interdisciplinary Earth Data Alliance)       | Dave Vieglaiss | 2019-05-14 13:47 |                        |
| 8721 | Member Nodes   | MNDeployment | Operational | Normal   | IEDA_US Antarctic Program Data Center (Interdisciplinary Earth Data Alliance) | Dave Vieglaiss | 2019-05-14 13:46 |                        |
| 8035 | Member Nodes   | MNDeployment | Operational | Normal   | IEDA_EarthChem Library (Interdisciplinary Earth Data Alliance)                | Dave Vieglaiss | 2019-05-06 14:25 |                        |
| 8749 | CN REST        | Story        | New         | Normal   | Fix log aggregation events from the CN without associated CN IPs              | Dave Vieglaiss | 2019-05-01 22:25 |                        |
| 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             |
| 5451 | Member Nodes   | MNDeployment | Operational | Normal   | Cary Institute (via Figshare)   | Monica Ihli    | 2019-04-17 21:39 |                        |
| 8566 | Member Nodes   | Task         | In Progress | Normal   | Test Registration   | Rob Nahf       | 2019-04-16 17:17 |                        |
| 8498 | Member Nodes   | Task         | In Progress | Normal   | SANParks metacat not responding to harvest requests                           | Matthew Jones  | 2019-04-15 18:09 |                        |
| 8783 | Infrastructure | Bug          | New         | Normal   | synchronization re-created 26k map entries in SyncQueueFacade.nodIdRoundRobin | Rob Nahf       | 2019-04-02 20:10 | d1_synchronization     |
| 8780 | Infrastructure | Feature      | New         | Normal   | Develop support for DataCite 4.0 and 4.1 and 4.2                              | Dave Vieglaiss | 2019-03-30 20:38 | d1_indexer             |
| 8779 | Infrastructure | Story        | New         | Normal   | ForesiteResourceMap performance issue   | Rob Nahf       | 2019-03-25 18:48 | d1_indexer             |
| 8782 | Infrastructure | Story        | New         | Normal   | Upgrade OS to Ubuntu 18.04 on CNs   | Jing Tao       | 2019-03-22 18:12 |                        |
| 8777 | CN REST        | Task         | New         | Normal   | Configure CN to audit objects greater than 1GB                                | Chris Jones    | 2019-03-13 20:50 | d1_replication_auditor |
| 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 |
| 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 |                        |
| 8676 | Member Nodes   | Task         | New         | Normal   | NRDC -GMN upgrade 2.4.2 to 3.0.4  | Roger Dahl     | 2019-03-05 20:43 |                        |
| 8668 | Member Nodes   | Task         | New         | Normal   | MPC- upgrade GMN version 1.2.10 to 3.0.4                                      | Roger Dahl     | 2019-03-05 20:35 |                        |
| 8771 | CN REST        | Story        | New         | Normal   | Issue with LDAP when updating `nodeReplicationPolicy`                         | Dave Vieglaiss | 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             |
| 3234 | Member Nodes   | MNDeployment | Testing     | Normal   | CyVerse (iPlant) member node  | Rob Nahf       | 2019-03-05 18:36 |                        |
| 8681 | Member Nodes   | Task         | New         | Normal   | NCEI - install new GMN  | Roger Dahl     | 2019-03-05 18:20 |                        |
| 6401 | Member Nodes   | MNDeployment | Operational | Normal   | NM EPSCoR   | Roger Dahl     | 2019-03-05 18:13 |                        |

| #    | Project        | Tracker      | Status      | Priority | Subject   | Assignee        | Updated          | Category               |
|------|----------------|--------------|-------------|----------|---|-----------------|------------------|------------------------|
| 8053 | Infrastructure | Feature      | New         | Normal   | add funding award number to index   | Peter Slaughter | 2019-03-04 19:36 | dataone-cn-index       |
| 5833 | Member Nodes   | Story        | In Progress | Normal   | GBIF: Developing  |                 | 2019-02-19 18:24 |                        |
| 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             |
| 8762 | Infrastructure | Story        | New         | Normal   | Add new formats to CN   |                 | 2019-02-07 20:03 |                        |
| 5841 | Member Nodes   | Task         | New         | Normal   | GBIF: SSL Certificates  |                 | 2019-01-28 14:40 |                        |
| 5838 | Member Nodes   | Story        | New         | Normal   | GBIF: Testing   |                 | 2019-01-28 14:39 |                        |
| 5899 | Member Nodes   | Task         | New         | Normal   | GBIF: Create news item  | Amy Forrester   | 2019-01-24 17:10 |                        |
| 5867 | Member Nodes   | Story        | New         | Normal   | GBIF: Registration in Production environment  |                 | 2019-01-24 17:08 |                        |
| 5835 | Member Nodes   | Task         | Ready       | Normal   | GBIF: Local Testing   | Rob Nahf        | 2019-01-24 16:53 |                        |
| 8736 | Infrastructure | Story        | New         | Normal   | Decouple the index generator to the hazelcast system metadata map   |                 | 2019-01-22 19:27 | d1_indexer             |
| 8366 | Infrastructure | Story        | New         | Normal   | Migrate jenkins continuous integration from UNM to UCSB   | Dave Vieglais   | 2019-01-22 19:26 | Support Operations     |
| 8367 | Infrastructure | Story        | New         | Normal   | Duplicate jenkins jobs from UNM to UCSB   | Dave Vieglais   | 2019-01-22 19:25 | Support Operations     |
| 8368 | Infrastructure | Story        | New         | Normal   | Update backup strategy for jenkins job configurations to subversion   | Dave Vieglais   | 2019-01-22 19:25 | Support Operations     |
| 8740 | CN REST        | Bug          | New         | Normal   | CN resolve service returning 404 for some pids  |                 | 2019-01-22 18:41 | cn_metacat             |
| 8727 | Member Nodes   | Story        | In Progress | Normal   | NCAR Discovery & Assessment   |                 | 2019-01-22 18:34 |                        |
| 8756 | CN REST        | Story        | New         | Normal   | Ensure replica auditor is effective   | Chris Jones     | 2019-01-15 21:00 | d1_replication_auditor |
| 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 |
| 8758 | Infrastructure | Story        | New         | Normal   | Index replicationStatus field   | Jing Tao        | 2019-01-14 18:00 | d1_indexer             |
| 8582 | CN REST        | Story        | New         | Normal   | Replica Auditing service is throwing errors   | Jing Tao        | 2019-01-14 16:40 | d1_replication_auditor |
| 8753 | Infrastructure | Task         | New         | Normal   | Add support for EML 2.2 (indexing, view)  | Bryce Mecum     | 2018-12-19 00:54 |                        |
| 8754 | Infrastructure | Task         | New         | Normal   | Add EML 2.2 to CN formats list  | Bryce Mecum     | 2018-12-19 00:54 |                        |
| 7895 | Member Nodes   | MNDeployment | Operational | Normal   | Pangaea   | Monica Ihli     | 2018-12-04 14:58 |                        |
| 8186 | Member Nodes   | MNDeployment | Operational | Normal   | ESS-DIVE, including CDIAC   | Matthew Jones   | 2018-12-04 14:57 |                        |
| 8544 | Member Nodes   | MNDeployment | Operational | Normal   | Chinese Ecosystem Research Network  | Amy Forrester   | 2018-12-04 14:56 |                        |
| 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     |
| 8750 | Member Nodes   | Task         | In Progress | Normal   | reconnect eLTER MN to DataONE   | Roger Dahl      | 2018-11-28 16:59 |                        |
| 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 |                        |

| #    | Project        | Tracker      | Status      | Priority | Subject   | Assignee       | Updated          | Category              |
|------|----------------|--------------|-------------|----------|---|----------------|------------------|-----------------------|
| 3047 | Infrastructure | Bug          | In Progress | Normal   | Metacat allows whitespace in Identifiers  | Ben Leinfelder | 2018-11-13 21:44 |                       |
| 7956 | Member Nodes   | MNDeployment | Operational | Normal   | Environmental Data Initiative (EDI)   | Laura Moyers   | 2018-11-13 19:14 |                       |
| 8742 | Member Nodes   | Task         | New         | Normal   | GMN upgrade from 2.4.1 to 3.2.0   | Roger Dahl     | 2018-11-13 19:14 |                       |
| 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            |
| 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               |
| 8733 | CN REST        | Bug          | New         | Normal   | Exception handling in ForesiteResourceMap needs improvement   | Jing Tao       | 2018-10-12 20:09 | d1_cn_index_processor |
| 8729 | Member Nodes   | Task         | New         | Normal   | Requirements Analysis   |                | 2018-10-11 17:24 |                       |
| 8730 | Member Nodes   | Task         | New         | Normal   | Plan the Implementation (NCAR)  |                | 2018-10-11 17:21 |                       |
| 7082 | Member Nodes   | MNDeployment | Operational | Normal   | USGS Science Data Catalog (SDC)   | Laura Moyers   | 2018-10-09 16:27 |                       |
| 8725 | Member Nodes   | MNDeployment | In Review   | Normal   | NCAR (National Center for Atmospheric Research)   |                | 2018-10-08 13:33 |                       |
| 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            |
| 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 |                       |
| 8728 | Member Nodes   | Task         | In Progress | Normal   | Initial Communications (NCAR)   | Amy Forrester  | 2018-10-04 17:24 |                       |
| 8724 | Infrastructure | Bug          | New         | Normal   | index out of bounds error in PortalCertificateManager   | Rob Nahf       | 2018-10-02 19:11 | d1_portal             |
| 5836 | Member Nodes   | Task         | Testing     | Normal   | GBIF: Verify that MN passes the Web Tester  | Rob Nahf       | 2018-09-26 19:57 |                       |
| 4730 | Member Nodes   | MNDeployment | Testing     | Normal   | Global Biodiversity Information Facility  | Dave Vieglais  | 2018-09-26 19:45 |                       |
| 3557 | Member Nodes   | MNDeployment | Operational | Normal   | LTER Network  | Roger Dahl     | 2018-09-25 17:17 |                       |
| 7051 | Member Nodes   | MNDeployment | Operational | Normal   | GRIIDC - Gulf of Mexico Research Initiative   | Laura Moyers   | 2018-09-25 17:14 |                       |
| 8702 | Infrastructure | Story        | New         | Normal   | Indexing Refactor Strategy  | Rob Nahf       | 2018-09-24 18:05 | d1_indexer            |
| 8703 | Infrastructure | Task         | New         | Normal   | test the cleaned up indexer in DEV  | Rob Nahf       | 2018-09-24 18:05 | d1_indexer            |
| 8363 | Infrastructure | Story        | New         | Normal   | indexer shutdown generates index tasks  | Rob Nahf       | 2018-09-24 15:25 | 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 |                       |
| 8673 | Member Nodes   | Task         | New         | Normal   | Pangaea- GMN upgrade from 2.4.0 to 3.0.4  | Roger Dahl     | 2018-09-04 18:48 |                       |
| 3689 | Member Nodes   | MNDeployment | Deferred    | Normal   | University of South Carolina, Computer Science Department   |                | 2018-08-31 15:26 |                       |
| 5450 | Member Nodes   | Task         | In Progress | Normal   | (Waiting for) USC to complete development of MN stack (derived from GMN)                                  | Laura Moyers   | 2018-08-31 15:26 |                       |
| 7979 | Member Nodes   | Task         | New         | Normal   | GINA: Configure SSL Certificates for Testing Environment  | Amy Forrester  | 2018-08-31 15:23 |                       |
| 7757 | Member Nodes   | MNDeployment | Deferred    | Normal   | GINA - Geographic Information Network of Alaska   | Roger Dahl     | 2018-08-31 15:22 |                       |



| #    | Project        | Tracker      | Status      | Priority | Subject  | Assignee       | Updated          | Category           |
|------|----------------|--------------|-------------|----------|--|----------------|------------------|--------------------|
| 7986 | Member Nodes   | Task         | New         | Normal   | GINA: Configure SSL Certificates for Production  | Amy Forrester  | 2018-08-31 15:22 |                    |
| 3172 | Member Nodes   | MNDeployment | Operational | Normal   | Replication instance at UNM  | Dave Vieglaiss | 2018-08-31 15:22 |                    |
| 3530 | Member Nodes   | MNDeployment | Operational | Normal   | Replication instance at UCSB   | Dave Vieglaiss | 2018-08-31 15:22 |                    |
| 3529 | Member Nodes   | MNDeployment | Operational | Normal   | Replication instance at ORC  | Dave Vieglaiss | 2018-08-31 15:21 |                    |
| 3748 | Member Nodes   | MNDeployment | Operational | Normal   | PPBIO Member Node  | Jing Tao       | 2018-08-31 15:20 |                    |
| 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 |                    |
| 8672 | Member Nodes   | Task         | New         | Normal   | CDL - upgrade GMN 2.4.0 to 3.0.4   | Roger Dahl     | 2018-08-23 17:13 |                    |
| 7842 | Member Nodes   | MNDeployment | Operational | Normal   | Research Workspace   | Roger Dahl     | 2018-08-14 17:05 |                    |
| 3560 | Member Nodes   | MNDeployment | Operational | Normal   | Cornell Lab of Ornithology eBird   | Laura Moyers   | 2018-08-06 21:12 |                    |
| 3708 | Member Nodes   | MNDeployment | Operational | Normal   | Minnesota Population Center  | Laura Moyers   | 2018-08-06 19:43 |                    |
| 8378 | Member Nodes   | Task         | In Progress | Normal   | (OTS) replicate data   | Amy Forrester  | 2018-07-31 18:49 |                    |
| 5453 | Member Nodes   | MNDeployment | Deferred    | Normal   | Dataverse  | Laura Moyers   | 2018-07-24 16:41 |                    |
| 8646 | Member Nodes   | Task         | New         | Normal   | (cyverse) Formal Announcement  |                | 2018-07-19 18:31 |                    |
| 8601 | Infrastructure | Decision     | New         | Normal   | Decide on a URI space for DataONE resources  |                | 2018-07-18 21:42 |                    |
| 8504 | Infrastructure | Story        | New         | Normal   | Support creation of data citation record from solr record  | Monica Ihli    | 2018-07-17 23:06 | d1_indexer         |
| 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 |
| 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 Vieglaiss | 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     |
| 7505 | Member Nodes   | Task         | In Progress | Normal   | Correct generous access policies   | Roger Dahl     | 2018-07-02 20:39 |                    |
| 8564 | Member Nodes   | Story        | New         | Normal   | (CyVerse) Testing & Development  | Rob Nahf       | 2018-07-02 19:56 |                    |
| 8635 | Member Nodes   | Task         | New         | Normal   | DAAC: Develop or Implement MN Software   |                | 2018-07-02 15:00 |                    |
| 8636 | Member Nodes   | Task         | New         | Normal   | DAAC: Test Registration  |                | 2018-07-02 14:58 |                    |
| 8634 | Member Nodes   | Story        | New         | Normal   | DAAC: Testing & Development  | Dave Vieglaiss | 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 |                    |

| #    | Project        | Tracker      | Status      | Priority | Subject   | Assignee       | Updated          | Category            |
|------|----------------|--------------|-------------|----------|---|----------------|------------------|---------------------|
| 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 |
| 8616 | Infrastructure | Decision     | New         | Normal   | Consider expanding isotc211's indexing component's keyword XPath to cover topicCategories   |                | 2018-06-15 00:13 |                     |
| 8523 | Member Nodes   | Task         | In Progress | Normal   | CAFF: Technical Requirements & Design Planning  | Amy Forrester  | 2018-06-14 14:21 |                     |
| 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 Vieglaiss | 2018-06-07 20:56 | d1_log_aggregation  |
| 8603 | Infrastructure | Bug          | New         | Normal   | log aggregation incorrectly assigning location information  | Dave Vieglaiss | 2018-06-07 20:52 | d1_log_aggregation  |
| 8602 | Infrastructure | Story        | New         | Normal   | Log aggregation and augmentation process mid 2018 updates   | Dave Vieglaiss | 2018-06-07 20:49 | d1_log_aggregation  |
| 7967 | Infrastructure | Bug          | In Progress | Normal   | The CN is not following the xml schema definition when creating dataone exceptions  | Dave Vieglaiss | 2018-05-23 18:13 | Architecture Design |
| 8225 | Member Nodes   | Story        | In Progress | Normal   | Customize Indexing & View for gmd-pangaea   | Rob Nahf       | 2018-05-17 14:30 |                     |
| 7754 | Search UI      | Story        | In Progress | Normal   | Support for XSL transform of various metadata formats   | Bryce Mecum    | 2018-05-17 14:18 | MetacatUI           |
| 8017 | Member Nodes   | Support      | New         | Normal   | NCEI - Implement GMN for replicating Arctic Data Center Data  | Roger Dahl     | 2018-05-16 14:32 |                     |
| 3531 | Member Nodes   | MNDeployment | Operational | Normal   | Gulf of Alaska Data Portal  | Laura Moyers   | 2018-05-15 17:40 |                     |
| 8594 | Member Nodes   | Task         | New         | Normal   | GOA: replicate to Research Workspace  | Matthew Jones  | 2018-05-15 17:40 |                     |
| 8589 | Member Nodes   | Story        | New         | Normal   | ARM: Re-Discovery & Planning  |                | 2018-05-10 21:44 |                     |
| 8590 | Member Nodes   | Task         | New         | Normal   | ARM: Requirements Analysis  |                | 2018-05-10 20:50 |                     |
| 8587 | Member Nodes   | Task         | New         | Normal   | Add DataONE Logo to SanParks website  | Jing Tao       | 2018-05-09 21:19 |                     |
| 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  |
| 8583 | DataONE API    | Feature      | New         | Normal   | Provide some mechanism for diagnosing correctness of MN certificates  | Dave Vieglaiss | 2018-05-02 03:18 |                     |
| 8574 | Search UI      | Story        | New         | Normal   | PANGAEA Temporary Fix: SID only in Data Citation  | Bryce Mecum    | 2018-05-01 01:45 |                     |
| 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 |                     |
| 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 |                     |
| 8568 | Member Nodes   | Story        | New         | Normal   | (CyVerse) Move to production  |                | 2018-04-23 21:18 |                     |
| 8571 | Infrastructure | Bug          | In Progress | Normal   | IndexTool can't index a data object   | Jing Tao       | 2018-04-23 20:13 | d1_indexer          |
| 8246 | Member Nodes   | Task         | New         | Normal   | Upgrade metacat to the latest version   | Jing Tao       | 2018-04-23 16:09 |                     |
| 8570 | Infrastructure | Bug          | New         | Normal   | index task not generated for a newly synchronized object  | Jing Tao       | 2018-04-20 20:51 | d1_indexer          |
| 8563 | Member Nodes   | MNDeployment | New         | Normal   | Scripps Institute of Oceanography Explorer  |                | 2018-04-18 16:40 |                     |

| #    | Project        | Tracker      | Status      | Priority | Subject  | Assignee      | Updated          | Category   |
|------|----------------|--------------|-------------|----------|--|---------------|------------------|------------|
| 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   | OAFlex (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 |            |
| 4115 | Member Nodes   | MNDeployment | Deferred    | Normal   | UTK Institutional Repository   |               | 2018-04-17 17:32 |            |
| 3239 | Member Nodes   | MNDeployment | New         | Normal   | "Nitrous Oxide emissions Network" member node  |               | 2018-04-17 17:13 |            |
| 8030 | Member Nodes   | MNDeployment | New         | Normal   | UCAR Research Data Archive   | Laura Moyers  | 2018-04-16 17:39 |            |
| 7296 | Member Nodes   | MNDeployment | Planning    | Normal   | GCOOS  | Monica Ihli   | 2018-04-16 15:53 |            |
| 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 |
| 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 |
| 8522 | Member Nodes   | Task         | In Progress | Normal   | CAFF: MN Communications  | Amy Forrester | 2018-04-11 14:48 |            |
| 8539 | Member Nodes   | MNDeployment | New         | Normal   | NASA Distributed Active Archive Center at National Snow & Ice Data Center (NASA DAAC)  |               | 2018-04-10 19:19 |            |
| 5457 | Member Nodes   | MNDeployment | New         | Normal   | NSIDC- National Snow and Ice Data Center   | Bruce Wilson  | 2018-04-10 19:12 |            |
| 8529 | DataONE API    | Task         | New         | Normal   | Add field to Solr index that includes the obsolescence chain                           |               | 2018-04-10 05:21 |            |
| 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 |
| 8259 | Member Nodes   | MNDeployment | New         | Normal   | Neotoma Paleoecology Database  | Amy Forrester | 2018-04-09 21:14 |            |
| 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 |            |
| 8521 | Member Nodes   | Story        | New         | Normal   | CAFF: Testing & Development  |               | 2018-04-06 15:17 |            |

| #    | Project               | Tracker      | Status      | Priority | Subject  | Assignee      | Updated          | Category           |
|------|-----------------------|--------------|-------------|----------|--|---------------|------------------|--------------------|
| 8531 | Member Nodes          | Task         | New         | Normal   | Training & education   |               | 2018-04-06 15:11 |                    |
| 8358 | Member Nodes          | Story        | In Progress | Normal   | Discovery & Planning (CAFF)  | Amy Forrester | 2018-04-06 14:56 |                    |
| 8528 | DataONE API           | Task         | New         | Normal   | Add MNRead.getVersions, CNRead.getVersions   |               | 2018-04-03 19:26 |                    |
| 8519 | Testing MN Management | Task         | New         | Normal   | meow: Formal Announcement  |               | 2018-03-22 20:45 |                    |
| 8518 | Testing MN Management | Task         | New         | Normal   | meow: Mutual Acceptance  |               | 2018-03-22 20:45 |                    |
| 8517 | Testing MN Management | Task         | New         | Normal   | meow: Register in Production   |               | 2018-03-22 20:45 |                    |
| 8516 | Testing MN Management | Task         | New         | Normal   | meow: Implement in Production  |               | 2018-03-22 20:45 |                    |
| 8461 | Testing MN Management | MNDeployment | New         | Normal   | MEOW - Monitoring Ecosystems & Oceans in Wales   |               | 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 |
| 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         |
| 8361 | Infrastructure        | Bug          | New         | Normal   | index processor throws unhandled NPE if task systemMetadata is null                                    | Rob Nahf      | 2018-03-22 16:54 | 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  |
| 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         |
| 8507 | Infrastructure        | Task         | New         | Normal   | Support generation of citation metadata records from dublin core                                       |               | 2018-03-19 22:37 |                    |
| 8505 | Infrastructure        | Task         | New         | Normal   | Review solr terms for coverage of data citation elements   | Monica Ihli   | 2018-03-19 21:57 |                    |
| 8105 | Infrastructure        | Task         | New         | Normal   | Remove dataone-mercury from production CNs   | Jing Tao      | 2018-03-02 22:17 | d1_mercury         |
| 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         |
| 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            |
| 8228 | Infrastructure        | Bug          | New         | Normal   | Excessive replicas requested by integration test   | Rob Nahf      | 2018-03-02 21:52 | d1_integration     |
| 8230 | Infrastructure        | Task         | New         | Normal   | review bouncy castle version   | Rob Nahf      | 2018-03-02 21:48 | d1_libclient_java  |
| 8162 | Infrastructure        | Story        | New         | Normal   | Replication tasks can contain stale potential target nodes   | Rob Nahf      | 2018-03-02 21:47 | d1_replication     |
| 8467 | Testing MN Management | Task         | New         | Normal   | test: Display as Upcoming  |               | 2018-03-01 21:04 |                    |

| #    | Project               | Tracker      | Status  | Priority | Subject  | Assignee      | Updated          | Category           |
|------|-----------------------|--------------|---------|----------|--|---------------|------------------|--------------------|
| 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 |                    |
| 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 |                    |
| 8379 | Infrastructure        | Bug          | New     | Normal   | remove or improve AuthLdap.getGroups logging statement   | Jing Tao      | 2018-02-27 16:51 | Metacat            |
| 8356 | Testing MN Management | Task         | New     | Normal   | Formal Announcement  |               | 2018-02-23 19:06 |                    |
| 8344 | Testing MN Management | Task         | New     | Normal   | MN Communications  |               | 2018-02-22 19:47 |                    |
| 8342 | Testing MN Management | Task         | New     | Normal   | Feasibility Assessment   |               | 2018-02-22 19:19 |                    |
| 8341 | Testing MN Management | Task         | New     | Normal   | Initial Communications   |               | 2018-02-22 19:14 |                    |
| 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     |
| 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 |
| 8161 | Infrastructure        | Bug          | New     | Normal   | d1-processing Out of Memory Error  | Dave Vieglais | 2018-02-20 16:19 | d1_process_daemon  |
| 8369 | Infrastructure        | Task         | New     | Normal   | Verify operation and transfer DNS  | Dave Vieglais | 2018-02-15 17:40 |                    |
| 8362 | Infrastructure        | Task         | New     | Normal   | Add the indication that the cn account list is sliced  |               | 2018-02-12 17:48 |                    |
| 8353 | Testing MN Management | Task         | New     | Normal   | Implement in Production  |               | 2018-02-08 15:29 |                    |
| 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 |                    |

| #    | Project               | Tracker      | Status      | Priority | Subject   | Assignee      | Updated          | Category                      |
|------|-----------------------|--------------|-------------|----------|---|---------------|------------------|-------------------------------|
| 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 |                               |
| 8343 | Testing MN Management | Story        | New         | Normal   | Planning  |               | 2018-02-08 15:28 |                               |
| 8294 | Testing MN Management | MNDeployment | New         | Normal   | Test Node 2   |               | 2018-02-08 15:28 |                               |
| 8340 | Testing MN Management | Story        | New         | Normal   | Discovery   |               | 2018-02-08 15:28 |                               |
| 8307 | Infrastructure        | Story        | New         | Normal   | Check node subject on node registration and subsequent calls                              | Jing Tao      | 2018-02-06 20:06 | d1_cn_node_registry           |
| 8308 | Infrastructure        | Task         | New         | Normal   | Review use of /node/subject in the node documents   |               | 2018-02-06 20:05 |                               |
| 8247 | Member Nodes          | Task         | New         | Normal   | Verify upgraded metacat is operating correctly as a production member node.               | Jing Tao      | 2018-02-02 15:49 |                               |
| 7553 | Member Nodes          | MNDeployment | New         | Normal   | OOI - Ocean Observatories Initiative  | Laura Moyers  | 2018-01-25 17:51 |                               |
| 8244 | Member Nodes          | Story        | New         | Normal   | Upgrade Member Node to current version of Metacat (IOE)                                   | Amy Forrester | 2018-01-25 15:36 |                               |
| 5890 | Member Nodes          | Task         | New         | Normal   | GBIF: Authentication and Authorization  |               | 2018-01-22 21:16 |                               |
| 5895 | Member Nodes          | Story        | New         | Normal   | GBIF: Transition to production  |               | 2018-01-22 18:41 |                               |
| 7910 | Infrastructure        | Task         | New         | Normal   | schema validation behavior  | Rob Nahf      | 2018-01-18 02:41 | d1_common_java                |
| 725  | Infrastructure        | Story        | In Progress | Normal   | Create Authentication and Access control design specifications                            | Dave Vieglais | 2018-01-17 20:52 | Documentation                 |
| 1644 | DataONE API           | Story        | New         | Normal   | Develop an object format creation policy  |               | 2018-01-17 20:46 |                               |
| 2488 | Infrastructure        | Story        | New         | Normal   | Changing the authoritativeMembernode will require all replica's systemMetadata be updated | Dave Vieglais | 2018-01-17 20:39 | d1_synchronization            |
| 2548 | Infrastructure        | Story        | New         | Normal   | recasting untrusted certs to public poses accessibility inconsistency to users            |               | 2018-01-17 20:36 | Authentication, Authorization |

| #    | Project          | Tracker | Status      | Priority | Subject   | Assignee       | Updated          | Category               |
|------|------------------|---------|-------------|----------|---|----------------|------------------|------------------------|
| 2944 | Infrastructure   | Story   | New         | Normal   | Design and implement a MN kill switch mechanism                                       | Dave Vieglaiss | 2018-01-17 20:30 | Support Operations     |
| 3591 | Infrastructure   | Story   | In Progress | Normal   | Content consistency checks for new member nodes                                       | Rob Nahf       | 2018-01-17 20:23 | MNWebChecker           |
| 3656 | Infrastructure   | Story   | New         | Normal   | integration testing: what are acceptable pids for update?                             | Roger Dahl     | 2018-01-17 20:22 |                        |
| 3720 | Infrastructure   | Story   | New         | Normal   | resource maps should be validated   | Dave Vieglaiss | 2018-01-17 20:17 | Documentation          |
| 4188 | Infrastructure   | Story   | In Progress | Normal   | dataone Exception definition and implementation requires clarification                | Dave Vieglaiss | 2018-01-17 20:05 | d1_schemas             |
| 4278 | Infrastructure   | Story   | New         | Normal   | EML indexing - handle multiple temporalCoverage and spatialCoverage elements          | Jing Tao       | 2018-01-17 20:04 | d1_indexer             |
| 4463 | Infrastructure   | Story   | In Progress | Normal   | Incorporate Node Replication Policy into replication processing                       | Rob Nahf       | 2018-01-17 20:03 | d1_replication         |
| 4650 | Infrastructure   | Story   | New         | Normal   | Allow MN to bias resolve to the authoritative MN                                      | Rob Nahf       | 2018-01-17 20:00 | d1_cn_common           |
| 5141 | Infrastructure   | Story   | In Progress | Normal   | Describe the mn.updateSystemMetadata behavior in use case document                    | Dave Vieglaiss | 2018-01-17 19:58 | Documentation          |
| 6056 | Infrastructure   | Story   | New         | Normal   | remove log aggregation processing from d1-processing Linux service                    | Dave Vieglaiss | 2018-01-17 19:55 | d1_log_aggregation     |
| 6071 | Infrastructure   | Story   | In Progress | Normal   | Release Notes and documentation   | Dave Vieglaiss | 2018-01-17 19:53 | Documentation          |
| 6377 | Infrastructure   | Story   | In Progress | Normal   | Review CNode initialization in ReplicationManager - it doesn't use local CN reference | Rob Nahf       | 2018-01-17 19:52 | d1_replication         |
| 6395 | Infrastructure   | Story   | In Progress | Normal   | Member Node testers are stuck when the MNWebTester hangs / crashes                    | Rob Nahf       | 2018-01-17 19:51 | MNWebChecker           |
| 6513 | Infrastructure   | Story   | New         | Normal   | Create a Local Cache of all Membernode log records on the single master CN            | Dave Vieglaiss | 2018-01-17 19:49 | d1_log_aggregation     |
| 6543 | Infrastructure   | Story   | New         | Normal   | Support RIF-CS metadata standard  | Dave Vieglaiss | 2018-01-17 19:46 | Format ID              |
| 6796 | Python Libraries | Story   | New         | Normal   | Migrate to Python v3  | Roger Dahl     | 2018-01-17 19:43 |                        |
| 6850 | Java Client      | Story   | New         | Normal   | automate Java Client releases   | Rob Nahf       | 2018-01-17 19:42 | d1_libclient_java      |
| 6883 | Infrastructure   | Story   | New         | Normal   | support for ESRI Shapefile object format  |                | 2018-01-17 19:40 | Format ID              |
| 7224 | Infrastructure   | Story   | New         | Normal   | push synchronization request status indicator: synchronizeStatus method option        |                | 2018-01-17 19:38 | Architecture Design    |
| 7559 | Infrastructure   | Story   | New         | Normal   | Develop plan for securing application passwords in the CN stack                       | Dave Vieglaiss | 2018-01-17 19:34 | Architecture Design    |
| 7605 | Infrastructure   | Story   | New         | Normal   | MemberNodes not authorizing CN to harvest log records                                 | Dave Vieglaiss | 2018-01-17 19:33 | Environment.Production |
| 7650 | Infrastructure   | Story   | New         | Normal   | DAO for SystemMetadata changes the SystemMetadata.replicationPolicy                   | Rob Nahf       | 2018-01-17 19:31 | d1_cn_common           |
| 7668 | Infrastructure   | Story   | New         | Normal   | Determine how indexing of data packages should work                                   | Jing Tao       | 2018-01-17 19:28 | d1_indexer             |
| 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         |
| 7716 | Infrastructure   | Story   | In Progress | Normal   | How to facilitate resubmission of sync Failures?                                      | Dave Vieglaiss | 2018-01-17 19:22 | d1_synchronization     |

| #    | Project        | Tracker      | Status      | Priority | Subject   | Assignee      | Updated          | Category                      |
|------|----------------|--------------|-------------|----------|---|---------------|------------------|-------------------------------|
| 7810 | Infrastructure | Story        | New         | Normal   | Need to avoid buffer overflow condition during HTTP client TLS renegotiation  | Rob Nahf      | 2018-01-17 19:09 |                               |
| 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                |
| 7859 | Infrastructure | Story        | New         | Normal   | Add formatID for the STL 3d model file format   | Dave Vieglais | 2018-01-17 19:04 |                               |
| 7882 | Infrastructure | Story        | In Progress | Normal   | Tune CN logfile management  | Dave Vieglais | 2018-01-17 19:03 |                               |
| 7889 | Infrastructure | Story        | New         | Normal   | Synchronization not happening when authoritativeMN is not set correctly.  | Rob Nahf      | 2018-01-17 19:01 | d1_synchronization            |
| 8061 | Infrastructure | Story        | New         | Normal   | develop queue-based processing system for the CN  | Rob Nahf      | 2018-01-17 19:00 | Architecture Design           |
| 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                |
| 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            |
| 8032 | Python GMN     | Story        | In Progress | Normal   | GMN v2  | Roger Dahl    | 2018-01-17 18:55 |                               |
| 8038 | Infrastructure | Story        | In Progress | Normal   | connect logging output to a log analysis tool   | Dave Vieglais | 2018-01-17 18:52 | d1_synchronization            |
| 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           |
| 8073 | Python GMN     | Story        | New         | Normal   | Make sure unnecessary services are disabled   | Roger Dahl    | 2018-01-17 18:48 |                               |
| 8074 | Python GMN     | Story        | New         | Normal   | Eliminate unnecessary setuid/setgid programs  | Roger Dahl    | 2018-01-17 18:48 |                               |
| 8081 | Infrastructure | Story        | In Progress | Normal   | develop federated broker configuration for indexing   | Rob Nahf      | 2018-01-17 18:46 | d1_indexer                    |
| 8084 | Infrastructure | Story        | New         | Normal   | determine the backup strategy for rabbitMQ  | Rob Nahf      | 2018-01-17 18:46 | d1_indexer                    |
| 8109 | Infrastructure | Story        | New         | Normal   | Does authentication token need to include group information?  | Dave Vieglais | 2018-01-17 18:45 | Authentication, Authorization |
| 8155 | Infrastructure | Story        | In Progress | Normal   | Ensure GMN fully supports the Package API   | Roger Dahl    | 2018-01-17 18:43 | d1_mn_GMN                     |
| 8172 | Infrastructure | Story        | In Progress | Normal   | investigate atomic updates for some solr updates  | Rob Nahf      | 2018-01-17 18:39 | d1_indexer                    |
| 7629 | Member Nodes   | MNDeployment | Operational | Normal   | Arctic Data Center - Data and Software about the Arctic   | Matthew Jones | 2018-01-10 17:53 |                               |
| 8065 | Infrastructure | Feature      | New         | Normal   | Add service to re-populate Hazelcast map for node attributes  |               | 2018-01-09 19:10 |                               |
| 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 |
| 7940 | Infrastructure | Story        | New         | Normal   | Retrieval of system metadata is too slow  | Robert Waltz  | 2018-01-09 19:10 | d1_cn_service                 |
| 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            |
| 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             |
| 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                    |



| #    | Project        | Tracker      | Status      | Priority | Subject   | Assignee        | Updated          | Category                      |
|------|----------------|--------------|-------------|----------|---|-----------------|------------------|-------------------------------|
| 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            |
| 8167 | Infrastructure | Story        | New         | Normal   | Enable postgres replication between Coordinating Nodes  | Monica Ihli     | 2018-01-09 19:10 | dataone-cn-os-core            |
| 8204 | Infrastructure | Story        | New         | Normal   | Adjust memory allocation for services running under JVM on CNs  |                 | 2018-01-09 19:10 |                               |
| 8207 | Infrastructure | Story        | New         | Normal   | review and adjust memory allocated to d1-processing   |                 | 2018-01-09 19:10 |                               |
| 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 |                               |
| 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                |
| 6755 | Python CLI     | Bug          | New         | Normal   | python CLI install instructions fail  | Roger Dahl      | 2018-01-09 02:44 |                               |
| 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 |                               |
| 8232 | Member Nodes   | Task         | New         | Normal   | MN Dashboard/Website Deployment Workflow Documentation  | Dustin Allen    | 2018-01-08 23:30 |                               |
| 7688 | Infrastructure | Bug          | New         | Normal   | LogAggregation unable to change BaseURLs upon updateNodeCapabilities notification                                     | Dave Vieglais   | 2018-01-02 12:02 | d1_log_aggregation            |
| 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            |
| 8123 | Infrastructure | Bug          | Testing     | Normal   | portal hazelcast client should load config directly from xml  | Rob Nahf        | 2017-12-26 18:20 | d1_portal_servlet             |
| 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 |                               |
| 8224 | Infrastructure | Task         | New         | Normal   | metacat not promoting node token privs for solr   | Jing Tao        | 2017-12-04 19:33 | Metacat                       |
| 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 |                               |
| 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 |                               |
| 8196 | Infrastructure | Bug          | New         | Normal   | Duplicated replicas in the system metadata  | Jing Tao        | 2017-10-18 17:19 | d1_replication                |
| 8149 | Member Nodes   | Task         | New         | Normal   | Test 1.x to 2.x pip upgrade w/ no data  | Monica Ihli     | 2017-09-26 15:57 |                               |
| 8188 | Member Nodes   | MNDeployment | New         | Normal   | Ag Data Commons   | Rebecca Koskela | 2017-09-22 23:06 |                               |

| #    | Project        | Tracker | Status      | Priority | Subject  | Assignee      | Updated          | Category               |
|------|----------------|---------|-------------|----------|--|---------------|------------------|------------------------|
| 8187 | Member Nodes   | Support | New         | Normal   | EZID DOI resolvable URLs failing for 14 PISCO objects  |               | 2017-09-19 22:12 |                        |
| 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             |
| 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 |                        |
| 8168 | Infrastructure | Task    | New         | Normal   | Evaluate options for postgres replication configuration  | Monica Ihli   | 2017-09-01 15:11 |                        |
| 8169 | Infrastructure | Task    | New         | Normal   | Document process for changing the postgres master  | Monica Ihli   | 2017-09-01 15:09 |                        |
| 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 |                        |
| 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 |                        |
| 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 |                        |
| 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 |                        |
| 8107 | Infrastructure | Feature | New         | Normal   | Improved Node Synchronization Feedback - Leveraging MNRead.synchronizationFailed()   |               | 2017-06-27 16:46 | Architecture Design    |
| 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 |
| 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              |
| 8093 | Infrastructure | Bug     | New         | Normal   | resource map index processing is inefficient (2sec / referenced object)  | Rob Nahf      | 2017-05-10 20:00 | 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             |
| 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     |
| 7699 | Infrastructure | Bug     | New         | Normal   | alter scripts that backup postgresql db  |               | 2017-05-09 17:33 | dataone-cn-os-core     |
| 7570 | Infrastructure | Bug     | In Progress | Normal   | Search UI requests cause Out of Memory Error   | Jing Tao      | 2017-04-26 21:01 | 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             |

| #    | Project        | Tracker      | Status      | Priority | Subject   | Assignee        | Updated          | Category            |
|------|----------------|--------------|-------------|----------|---|-----------------|------------------|---------------------|
| 8077 | Search UI      | Task         | New         | Normal   | Use ORE PID for citation if DOI   |                 | 2017-04-24 16:32 |                     |
| 7890 | Infrastructure | Task         | In Progress | Normal   | configure jenkins-ucsb-1 apache server to host ubuntu repositories  | Rob Nahf        | 2017-04-19 19:12 |                     |
| 7954 | Infrastructure | Bug          | New         | Normal   | SyncFailedTask:submitSynchronizationFailed does not provide cert when connecting to MN  | Roger Dahl      | 2017-04-19 18:55 | d1_synchronization  |
| 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 Vieglaiss  | 2017-04-11 23:47 | d1_indexer          |
| 8052 | Infrastructure | Bug          | New         | Normal   | Geohashed value is incorrect  | Peter Slaughter | 2017-04-07 22:06 | d1_indexer          |
| 8058 | Infrastructure | Feature      | New         | Normal   | Allow "upcoming" nodes to appear in the node list   | Robert Waltz    | 2017-04-03 18:33 | d1_cn_service       |
| 7759 | Python GMN     | Bug          | New         | Normal   | GMN docs refer to /portal for identity management   | Roger Dahl      | 2017-03-28 16:45 |                     |
| 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  |
| 7858 | Infrastructure | Bug          | New         | Normal   | Obsoleting a resource map clears the resourceMap field for the obsoleted package  |                 | 2017-03-28 16:20 | d1_indexer          |
| 6843 | Infrastructure | Task         | In Progress | Normal   | Update the prov instance of the RdfXmlSubprocessor to index renamed and inverse provenance properties                               | Chris Jones     | 2017-03-28 16:16 | d1_indexer          |
| 7868 | Infrastructure | Bug          | New         | Normal   | potential gaps between log harvests   | Rob Nahf        | 2017-03-23 15:40 | d1_log_aggregation  |
| 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 |                     |
| 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   |
| 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          |
| 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          |
| 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 |                     |
| 8019 | Member Nodes   | Support      | New         | Normal   | Follow up on Preferred Replication Target Testing   | Monica Ihli     | 2017-02-14 19:52 |                     |
| 3191 | Member Nodes   | MNDeployment | Deferred    | Normal   | UC Vertnet Member Node  | Dave Vieglaiss  | 2017-01-31 14:54 |                     |
| 4296 | Member Nodes   | MNDeployment | New         | Normal   | Sierra Nevada Global Change Observatory Member Node   | Laura Moyers    | 2017-01-30 17:01 |                     |
| 7992 | Member Nodes   | Task         | New         | Normal   | GINA: Document and Announce   | Laura Moyers    | 2017-01-27 22:19 |                     |
| 7991 | Member Nodes   | Task         | New         | Normal   | GINA: Ensure MN appears on Current MNs webpage (dashboard)  | Laura Moyers    | 2017-01-27 22:19 |                     |
| 7990 | Member Nodes   | Task         | New         | Normal   | GINA: Mutual acceptance   | Laura Moyers    | 2017-01-27 22:18 |                     |
| 7989 | Member Nodes   | Task         | New         | Normal   | GINA: Verify CN Content and Services in Production  | Laura Moyers    | 2017-01-27 22:18 |                     |

| #    | Project      | Tracker | Status | Priority | Subject   | Assignee     | Updated          | Category |
|------|--------------|---------|--------|----------|---|--------------|------------------|----------|
| 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 |          |
| 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 |          |

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