

## Issues

| #    | Project          | Tracker      | Status      | Priority | Subject                                                                               | Assignee        | Updated          | Category            |
|------|------------------|--------------|-------------|----------|---------------------------------------------------------------------------------------|-----------------|------------------|---------------------|
| 8822 | Infrastructure   | Bug          | New         | Low      | Account queries in STAGE-2 failing from web browser                                   |                 | 2019-06-19 01:44 |                     |
| 8693 | Infrastructure   | Decision     | In Progress | Low      | Support Google Dataset Search on search.dataone.org via partial server side rendering |                 | 2019-06-06 23:53 |                     |
| 8723 | Member Nodes     | Task         | New         | Low      | tDAR: Implemented IP Whitelisting on tDAR systems / Impacts to reporting              | Amy Forrester   | 2018-10-02 16:51 |                     |
| 3176 | Member Nodes     | MNDeployment | New         | Low      | QUT member node                                                                       | Matthew Jones   | 2018-04-17 17:30 |                     |
| 3683 | Member Nodes     | MNDeployment | New         | Low      | Purdue University Libraries                                                           |                 | 2018-04-17 17:30 |                     |
| 7758 | Member Nodes     | MNDeployment | New         | Low      | Polar Rock Repository (PRR) at Ohio State                                             |                 | 2018-04-17 17:28 |                     |
| 7145 | Member Nodes     | MNDeployment | New         | Low      | PlutoF                                                                                |                 | 2018-04-17 17:26 |                     |
| 3691 | Member Nodes     | MNDeployment | New         | Low      | National Institute for Amazon Research                                                |                 | 2018-04-17 17:25 |                     |
| 3235 | Member Nodes     | MNDeployment | New         | Low      | LITS - Long-Term Individual base Time Series project member node                      |                 | 2018-04-17 17:23 |                     |
| 3480 | Member Nodes     | MNDeployment | New         | Low      | Globe.gov                                                                             | Laura Moyers    | 2018-04-17 17:23 |                     |
| 8009 | Member Nodes     | MNDeployment | New         | Low      | Geometabolome                                                                         | Laura Moyers    | 2018-04-17 17:22 |                     |
| 7973 | Member Nodes     | MNDeployment | New         | Low      | Alaska Energy Data Gateway                                                            | Amy Forrester   | 2018-04-17 17:21 |                     |
| 7549 | Member Nodes     | MNDeployment | New         | Low      | COS - the Center for Open Science                                                     | Laura Moyers    | 2018-04-17 17:20 |                     |
| 3258 | Member Nodes     | MNDeployment | New         | Low      | CitSci.org MN                                                                         | Bruce Wilson    | 2018-04-17 17:19 |                     |
| 7851 | Member Nodes     | MNDeployment | New         | Low      | CESAB - Center for Synthesis and Analysis for Biodiversity                            | Laura Moyers    | 2018-04-17 17:19 |                     |
| 3240 | Member Nodes     | MNDeployment | New         | Low      | AZGS - Arizona Geological Survey member node                                          |                 | 2018-04-17 17:18 |                     |
| 3520 | Member Nodes     | MNDeployment | New         | Low      | ARCTOS Collaborative Collection Management Solution                                   | Dave Vieglaiss  | 2018-04-17 17:18 |                     |
| 3241 | Member Nodes     | MNDeployment | New         | Low      | ALA - Atlas of Living Australia member node                                           |                 | 2018-04-17 17:14 |                     |
| 7962 | Member Nodes     | MNDeployment | Deferred    | Low      | Alaska EPSCoR                                                                         | Rebecca Koskela | 2018-04-13 18:28 |                     |
| 3666 | Java Client      | Story        | In Progress | Low      | D1Client.listUpdateHistory() needs to handle changing access policies                 | Rob Nahf        | 2018-01-17 20:19 | d1_libclient_java   |
| 5468 | Python Libraries | Story        | New         | Low      | Remove dead code from D1 Python stack                                                 | Roger Dahl      | 2018-01-17 19:57 |                     |
| 7807 | Infrastructure   | Story        | New         | Low      | cn.synchronize should support synchronization failure corrections.                    |                 | 2018-01-17 19:15 | Architecture Design |
| 7048 | Member Nodes     | MNDeployment | Deferred    | Low      | USGS Regional Climate Centers                                                         | Laura Moyers    | 2016-06-17 19:32 |                     |
| 7821 | Python Libraries | Task         | New         | Low      | Verify Expect: 100-Continue header on POST or PUT requests                            | Roger Dahl      | 2016-06-03 19:58 | d1_libclient_python |
| 4300 | Infrastructure   | Bug          | New         | Low      | Create more appropriate "create" entry in the LogRecord for replicas                  | Roger Dahl      | 2016-04-21 22:38 | d1_mn_GMN           |

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| 4301 | Python GMN     | Bug          | New    | Low      | In the GMN integreation tester, add test to check that Last-Modified, Content-Length and Content-Type fields are set correctly | Roger Dahl       | 2016-04-21 22:38 |                               |
| 4303 | Infrastructure | Bug          | New    | Low      | Fix potential bug where an object could be created and accepted for replication simultaneously.                                | Roger Dahl       | 2016-04-21 22:38 | d1_mn_GMN                     |
| 7163 | Member Nodes   | MNDeployment | New    | Low      | UN Environmental Programme World Conservation Monitoring Centre (UNEP WCMC)                                                    | Bruce Wilson     | 2016-04-04 17:17 |                               |
| 7698 | Infrastructure | Bug          | New    | Low      | Exclude SLF4J jars in d1_solr_extensions.jar                                                                                   |                  | 2016-03-28 16:22 | d1_cn_solr_extensions         |
| 7095 | Python GMN     | Story        | New    | Low      | Support HTTP redirect capability for GMN within the Vendor Specific Extension model                                            | Dave Vieglaiss   | 2016-03-25 02:30 |                               |
| 7684 | DataONE API    | Bug          | New    | Low      | Call to MNStorage.update() via REST API returns java.lang.StackOverflowError                                                   |                  | 2016-03-21 23:07 |                               |
| 3628 | Member Nodes   | MNDeployment | New    | Low      | Harvard Filtered Push MN                                                                                                       | William Michener | 2015-11-20 03:14 |                               |
| 3633 | Member Nodes   | MNDeployment | New    | Low      | Bay Delta Member Node                                                                                                          | Laura Moyers     | 2015-11-19 19:44 |                               |
| 3680 | Member Nodes   | MNDeployment | New    | Low      | Federal University of Pernambuco, Brazil                                                                                       | Laura Moyers     | 2015-11-19 19:34 |                               |
| 3684 | Member Nodes   | MNDeployment | New    | Low      | Branner Earth Sciences Library - Stanford University                                                                           | Laura Moyers     | 2015-11-19 19:04 |                               |
| 3685 | Member Nodes   | MNDeployment | New    | Low      | National SocioEnvironmental Synthesis Center                                                                                   | Laura Moyers     | 2015-11-19 17:58 |                               |
| 3690 | Member Nodes   | MNDeployment | New    | Low      | Digital Library of Vertebrate Morphology, University of Texas                                                                  | Laura Moyers     | 2015-11-19 17:53 |                               |
| 6359 | Member Nodes   | MNDeployment | New    | Low      | SiBBr                                                                                                                          | Laura Moyers     | 2015-11-19 17:20 |                               |
| 7052 | Member Nodes   | MNDeployment | New    | Low      | BaMBa - Brazilian Marine Biodiversity Database                                                                                 | Laura Moyers     | 2015-11-19 17:03 |                               |
| 3519 | Member Nodes   | MNDeployment | New    | Low      | Prairie Research Institute                                                                                                     | Dave Vieglaiss   | 2015-11-19 17:00 |                               |
| 4227 | Member Nodes   | MNDeployment | New    | Low      | TRY Plant Trait Database                                                                                                       | Laura Moyers     | 2015-11-19 15:40 |                               |
| 4224 | Member Nodes   | MNDeployment | New    | Low      | Japan Long Term Ecological Research Network                                                                                    | Laura Moyers     | 2015-11-19 00:52 |                               |
| 7162 | Python GMN     | Task         | New    | Low      | Member node does not check with coordinating node before replicating                                                           |                  | 2015-06-05 23:49 |                               |
| 1559 | Java Client    | Task         | New    | Low      | Refactor d1_libclient_java echo tests                                                                                          | Rob Nahf         | 2015-02-11 19:49 | d1_libclient_java             |
| 3165 | Java Client    | Bug          | New    | Low      | Libclient caching does not respect accessPolicies                                                                              | Rob Nahf         | 2015-02-11 18:37 | d1_libclient_java             |
| 3246 | Infrastructure | Bug          | New    | Low      | Metacat returns 500 instead of 404 in some cases                                                                               | Ben Leinfelder   | 2014-10-02 18:03 | Metacat                       |
| 2286 | Infrastructure | Task         | New    | Low      | Change Exceptions.InvalidToken to Exceptions.InvalidSession                                                                    | Dave Vieglaiss   | 2014-10-02 17:21 | Documentation                 |
| 3763 | Infrastructure | Task         | New    | Low      | Visualize PyPI download statistics for Python components                                                                       | Roger Dahl       | 2014-10-01 21:32 | d1_dashboard                  |
| 3762 | Infrastructure | Feature      | New    | Low      | DataONE software download statistics                                                                                           | Roger Dahl       | 2014-10-01 21:32 | d1_dashboard                  |
| 2281 | Infrastructure | Task         | New    | Low      | Possibly update the Identity Management and Authenticated Session Management doc                                               | Matthew Jones    | 2014-10-01 20:47 | Authentication, Authorization |
| 1585 | Infrastructure | Task         | New    | Low      | add exec-maven-plugin to trigger python integration tests at verify phase.                                                     | Rob Nahf         | 2012-10-16 21:32 |                               |

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| 3333 | Infrastructure | Task        | New    | Low      | Generalize mk_* scripts for host name                                                                 | Dave Vieglaiss | 2012-10-11 18:50 | Support Operations |
| 817  | Infrastructure | Task        | New    | Low      | Integration testing: Make Java and Python stack return values equal for each function.                | Roger Dahl     | 2012-10-08 18:47 |                    |
| 3156 | Infrastructure | Task        | New    | Low      | Design Review: resource map indexing strategy                                                         | Skye Roseboom  | 2012-08-27 18:51 | d1_indexer         |
| 2147 | Infrastructure | Task        | New    | Low      | The Python stack does not support Unicode supplementary characters (above 0xffff)                     | Roger Dahl     | 2012-04-16 03:50 | d1_common_python   |
| 991  | Infrastructure | Task        | New    | Low      | implement HEAD /resolve/<guid>                                                                        |                | 2010-10-13 22:02 |                    |
| 387  | Requirements   | Requirement | New    | Low      | (Requirement) Implement a Member Node based on Metacat                                                |                | 2010-10-06 22:00 |                    |
| 632  | Requirements   | Requirement | New    | Low      | (Requirement) Monitor the DataONE infrastructure                                                      |                | 2010-05-28 20:10 |                    |
| 581  | Requirements   | Requirement | New    | Low      | (Requirement) System supports multiple types of science metadata                                      |                | 2010-04-20 20:45 |                    |
| 580  | Requirements   | Requirement | New    | Low      | (Requirement) All software developed on the project should be open source                             | Dave Vieglaiss | 2010-04-15 22:57 |                    |
| 468  | Requirements   | Requirement | New    | Low      | (Requirement) Design the cyberinfrastructure for the project.                                         |                | 2010-03-25 16:51 |                    |
| 408  | Requirements   | Requirement | New    | Low      | (Requirement) Implement a Coordinating Node software stack                                            |                | 2010-03-25 15:44 |                    |
| 410  | Requirements   | Requirement | New    | Low      | (Requirement) The infrastructure must support long term preservation of Data                          |                | 2010-03-25 15:41 |                    |
| 412  | Requirements   | Requirement | New    | Low      | (Requirement) Identifiers always refer to the same object                                             |                | 2010-03-25 15:41 |                    |
| 389  | Requirements   | Requirement | New    | Low      | (Requirement) Implement a Member Node based on the ORNL DAAC                                          |                | 2010-03-25 14:46 |                    |
| 431  | Requirements   | Requirement | New    | Low      | (Requirement) Software developed for infrastructure should be implemented according to specifications |                | 2010-03-25 14:44 |                    |
| 409  | Requirements   | Requirement | New    | Low      | (Requirement) Develop a reference implementation of the Member Node stack                             |                | 2010-03-25 13:57 |                    |
| 455  | Requirements   | Requirement | New    | Low      | (Requirement) Installation of critical software must be well documented and as automated as possible  |                | 2010-03-25 13:52 |                    |
| 439  | Requirements   | Requirement | New    | Low      | (Requirement) Maintain original copies of all science metadata                                        |                | 2010-03-25 03:27 |                    |
| 433  | Requirements   | Requirement | New    | Low      | (Requirement) Data and metadata is replicated to at least one other member node                       |                | 2010-03-25 03:11 |                    |
| 388  | Requirements   | Requirement | New    | Low      | (Requirement) Implement a Member Node based on Dryad                                                  |                | 2010-03-24 13:36 |                    |
| 337  | Requirements   | Requirement | New    | Low      | (Requirement) Deploy three coordinating nodes                                                         |                | 2010-03-17 15:14 |                    |
| 386  | Requirements   | Requirement | New    | Low      | (Requirement) Deploy at least three Member Nodes                                                      |                | 2010-03-17 13:39 |                    |
| 385  | Requirements   | Requirement | New    | Low      | (Requirement) Support arbitrary unique identifiers                                                    |                | 2010-03-16 22:09 |                    |
| 383  | Requirements   | Requirement | New    | Low      | (Requirement) System supports data storage                                                            |                | 2010-03-16 21:35 |                    |
| 371  | Requirements   | Requirement | New    | Low      | (Requirement) Provide a suite of collaboration tools and instruction on how to use them               |                | 2010-03-16 20:06 |                    |

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| 374  | Requirements   | Requirement  | New         | Low      | (Requirement) Periodic Reporting to Sponsor                                                           |                | 2010-03-16 18:11 |                         |
| 339  | Requirements   | Requirement  | New         | Low      | (Requirement) Web presence to provide publicly accessible information about the project               |                | 2010-03-16 17:36 |                         |
| 317  | Requirements   | Requirement  | In Progress | Low      | (Requirement) Identifiers for all objects                                                             | Dave Vieglaiss | 2010-03-15 22:12 |                         |
| 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               |
| 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 Vieglaiss | 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 |                         |

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| 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         |
| 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 Vieglaiss | 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 |                    |

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| 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 Viegla   | 2019-05-21 12:32 | dataone-cn-os-core     |
| 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 Viegla   | 2019-05-14 13:47 |                        |
| 8721 | Member Nodes   | MNDeployment | Operational | Normal   | IEDA_US Antarctic Program Data Center (Interdisciplinary Earth Data Alliance)  | Dave Viegla   | 2019-05-14 13:46 |                        |
| 8035 | Member Nodes   | MNDeployment | Operational | Normal   | IEDA_EarthChem Library (Interdisciplinary Earth Data Alliance)                 | Dave Viegla   | 2019-05-06 14:25 |                        |
| 8749 | CN REST        | Story        | New         | Normal   | Fix log aggregation events from the CN without associated CN IPs               | Dave Viegla   | 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.nodeIdRoundRobin | 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 Viegla   | 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 |

| #    | Project        | Tracker      | Status      | Priority | Subject                                                                              | Assignee        | Updated          | Category               |
|------|----------------|--------------|-------------|----------|--------------------------------------------------------------------------------------|-----------------|------------------|------------------------|
| 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 |                        |
| 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 Vieglaiss  | 2019-01-22 19:26 | Support Operations     |
| 8367 | Infrastructure | Story        | New         | Normal   | Duplicate jenkins jobs from UNM to UCSB                                              | Dave Vieglaiss  | 2019-01-22 19:25 | Support Operations     |
| 8368 | Infrastructure | Story        | New         | Normal   | Update backup strategy for jenkins job configurations to subversion                  | Dave Vieglaiss  | 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 |

| #    | Project        | Tracker      | Status      | Priority | Subject                                                                                                                 | Assignee       | Updated          | Category               |
|------|----------------|--------------|-------------|----------|-------------------------------------------------------------------------------------------------------------------------|----------------|------------------|------------------------|
| 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 Vieglaiss | 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 |                        |
| 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 Vieglaiss | 2018-09-26 19:45 |                        |



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

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

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

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

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

| #    | Project               | Tracker      | Status  | Priority | Subject                                                                                     | Assignee       | Updated          | Category            |
|------|-----------------------|--------------|---------|----------|---------------------------------------------------------------------------------------------|----------------|------------------|---------------------|
| 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 Vieglaiss | 2018-02-20 16:19 | d1_process_daemon   |
| 8369 | Infrastructure        | Task         | New     | Normal   | Verify operation and transfer DNS                                                           | Dave Vieglaiss | 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 |                     |
| 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 |                     |

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

| #    | Project        | Tracker      | Status      | Priority | Subject                                                                              | Assignee       | Updated          | Category                      |
|------|----------------|--------------|-------------|----------|--------------------------------------------------------------------------------------|----------------|------------------|-------------------------------|
| 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            |
| 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 Vieglaiss | 2018-01-17 19:04 |                               |
| 7882 | Infrastructure | Story        | In Progress | Normal   | Tune CN logfile management                                                           | Dave Vieglaiss | 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 Vieglaiss | 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 Vieglaiss | 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 Vieglaiss | 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 |                               |



| #    | Project        | Tracker  | Status      | Priority | Subject                                                                                                               | Assignee       | Updated          | Category                      |
|------|----------------|----------|-------------|----------|-----------------------------------------------------------------------------------------------------------------------|----------------|------------------|-------------------------------|
| 8065 | Infrastructure | Feature  | New         | Normal   | Add service to re-populate Hazelcast map for node attributes                                                          |                | 2018-01-09 19:10 |                               |
| 8234 | Infrastructure | Story    | New         | Normal   | Use University of Kansas ORCID membership to support authentication in production environment                         | Dave Vieglaiss | 2018-01-09 19:10 | Authentication, Authorization |
| 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                    |
| 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 Vieglaiss | 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 Vieglaiss | 2018-01-09 02:21 | Authentication, Authorization |
| 8236 | Infrastructure | Task     | New         | Normal   | Acquire ORCID API key under KU membership                                                                             | Dave Vieglaiss | 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 Vieglaiss | 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 Vieglaiss | 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                       |

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

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

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

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