## Issues

| #    | Project      | Tracker      | Status      | Priority | Subject  | Assignee           | Updated          | Category |
|------|--------------|--------------|-------------|----------|--|--------------------|------------------|----------|
| 7048 | Member Nodes | MNDeployment | Deferred    | Low      | USGS Regional Climate Centers                                | Laura Moyers       | 2016-06-17 19:32 |          |
| 7962 | Member Nodes | MNDeployment | Deferred    | Low      | Alaska EPSCoR  | Rebecca<br>Koskela | 2018-04-13 18:28 |          |
| 3207 | Member Nodes | MNDeployment | Deferred    | Normal   | BIOTA - FAPESP MN  | Matthew Jones      | 2016-06-17 19:32 |          |
| 7757 | Member Nodes | MNDeployment | Deferred    | Normal   | GINA - Geographic Information Network of Alaska              | Roger Dahl         | 2018-08-31 15:22 |          |
| 4083 | Member Nodes | MNDeployment | Deferred    | Normal   | Forest Research Institute Malaysia (FRIM)                    | Laura Moyers       | 2016-06-17 19:31 |          |
| 3191 | Member Nodes | MNDeployment | Deferred    | Normal   | UC Vertnet Member Node                                       | Dave Vieglais      | 2017-01-31 14:54 |          |
| 3689 | Member Nodes | MNDeployment | Deferred    | Normal   | University of South Carolina, Computer Science Department    |                    | 2018-08-31 15:26 |          |
| 3217 | Member Nodes | MNDeployment | Deferred    | Normal   | EMBRAPA member node  | Matthew Jones      | 2016-06-17 19:31 |          |
| 3180 | Member Nodes | MNDeployment | Deferred    | Normal   | PFRP - Pelagic Fisheries Research Program                    | Matthew Jones      | 2014-05-29 19:25 |          |
| 3209 | Member Nodes | MNDeployment | Deferred    | Normal   | Avian Knowledge Network/Cornell Laboratory of<br>Ornithology | Ben Leinfelder     | 2016-06-17 19:31 |          |
| 3964 | Member Nodes | MNDeployment | Deferred    | Normal   | EU BON Member Node   | Bruce Wilson       | 2016-10-24 20:49 |          |
| 3215 | Member Nodes | MNDeployment | Deferred    | Normal   | GEO BON member node  | Matthew Jones      | 2016-06-20 14:26 |          |
| 3203 | Member Nodes | MNDeployment | Deferred    | Normal   | PELD member node   | Matthew Jones      | 2016-06-17 19:32 |          |
| 5453 | Member Nodes | MNDeployment | Deferred    | Normal   | Dataverse  | Laura Moyers       | 2018-07-24 16:41 |          |
| 4115 | Member Nodes | MNDeployment | Deferred    | Normal   | UTK Institutional Repository                                 |                    | 2018-04-17 17:32 |          |
| 3686 | Member Nodes | MNDeployment | Deferred    | Normal   | Movebank for Animal Tracking Data                            | Laura Moyers       | 2013-12-05 19:31 |          |
| 3559 | Member Nodes | MNDeployment | Operational | Normal   | ONEShare   | Amy Forrester      | 2019-09-03 16:40 |          |
| 3687 | Member Nodes | MNDeployment | Operational | Normal   | Montana State University Institute on Ecosystems             | Amy Forrester      | 2019-10-08 15:29 |          |
| 7082 | Member Nodes | MNDeployment | Operational | Normal   | USGS Science Data Catalog (SDC)                              | Laura Moyers       | 2018-10-09 16:27 |          |
| 6708 | Member Nodes | MNDeployment | Operational | Normal   | NEON - National Ecological Observatory Network               | Bruce Wilson       | 2019-06-06 19:52 |          |
| 3172 | Member Nodes | MNDeployment | Operational | Normal   | Replication instance at UNM                                  | Dave Vieglais      | 2018-08-31 15:22 |          |
| 3201 | Member Nodes | MNDeployment | Operational | Normal   | Taiwan Forestry Research Institute                           | Amy Forrester      | 2019-10-08 15:26 |          |
| 6957 | Member Nodes | MNDeployment | Operational | Normal   | NRDC - Nevada Research Data Center                           | Amy Forrester      | 2019-10-08 18:39 |          |
| 3228 | Member Nodes | MNDeployment | Operational | Normal   | NCEI - National Centers for Environmental Information        | Dave Vieglais      | 2019-07-08 16:28 |          |
| 6562 | Member Nodes | MNDeployment | Operational | Normal   | BCO-DMO  | Laura Moyers       | 2021-12-04 00:47 |          |
| 7895 | Member Nodes | MNDeployment | Operational | Normal   | Pangaea  | Monica Ihli        | 2018-12-04 14:58 |          |
| 6674 | Member Nodes | MNDeployment | Operational | Normal   | OTS - Neotropical Data Center                                | Jing Tao           | 2019-06-10 13:03 |          |
| 8544 | Member Nodes | MNDeployment | Operational | Normal   | Chinese Ecosystem Research Network                           | Amy Forrester      | 2018-12-04 14:56 |          |
| 3560 | Member Nodes | MNDeployment | Operational | Normal   | Cornell Lab of Ornithology eBird                             | Laura Moyers       | 2018-08-06 21:12 |          |
| 3531 | Member Nodes | MNDeployment | Operational | Normal   | Gulf of Alaska Data Portal                                   | Laura Moyers       | 2018-05-15 17:40 |          |
|      |              |              |             |          | ·  |                    |                  |          |

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| #    | Project      | Tracker      | Status      | Priority | Subject   | Assignee      | Updated          | Category |
|------|--------------|--------------|-------------|----------|---|---------------|------------------|----------|
| 3529 | Member Nodes | MNDeployment | Operational | Normal   | Replication instance at ORC   | Dave Vieglais | 2018-08-31 15:21 |          |
| 6401 | Member Nodes | MNDeployment | Operational | Normal   | NM EPSCoR   | Roger Dahl    | 2019-03-05 18:13 |          |
| 3530 | Member Nodes | MNDeployment | Operational | Normal   | Replication instance at UCSB  | Dave Vieglais | 2018-08-31 15:22 |          |
| 4700 | Member Nodes | MNDeployment | Operational | Normal   | IARC (International Arctic Research Center) Data Archive                                | Amy Forrester | 2019-10-08 15:20 |          |
| 8772 | Member Nodes | MNDeployment | Operational | Normal   | metaGRIL  | Jing Tao      | 2019-10-08 17:16 |          |
| 3708 | Member Nodes | MNDeployment | Operational | Normal   | Minnesota Population Center   | Laura Moyers  | 2018-08-06 19:43 |          |
| 7629 | Member Nodes | MNDeployment | Operational | Normal   | Arctic Data Center - Data and Software about the Arctic                                 | Matthew Jones | 2018-01-10 17:53 |          |
| 3557 | Member Nodes | MNDeployment | Operational | Normal   | LTER Network  | Roger Dahl    | 2018-09-25 17:17 |          |
| 7956 | Member Nodes | MNDeployment | Operational | Normal   | Environmental Data Initiative (EDI)   | Laura Moyers  | 2018-11-13 19:14 |          |
| 7842 | Member Nodes | MNDeployment | Operational | Normal   | Research Workspace  | Roger Dahl    | 2018-08-14 17:05 |          |
| 3748 | Member Nodes | MNDeployment | Operational | Normal   | PPBIO Member Node   | Jing Tao      | 2018-08-31 15:20 |          |
| 7051 | Member Nodes | MNDeployment | Operational | Normal   | GRIIDC - Gulf of Mexico Research Initiative   | Laura Moyers  | 2018-09-25 17:14 |          |
| 7969 | Member Nodes | MNDeployment | Operational | Normal   | FEMC (Forest Ecosystem Monitoring Cooperative) - was VMC Vermont Monitoring Cooperative | Monica Ihli   | 2019-08-27 17:22 |          |
| 8721 | Member Nodes | MNDeployment | Operational | Normal   | IEDA_US Antarctic Program Data Center (Interdisciplinary Earth Data Alliance)           | Dave Vieglais | 2019-05-14 13:46 |          |
| 8035 | Member Nodes | MNDeployment | Operational | Normal   | IEDA_EarthChem Library (Interdisciplinary Earth Data Alliance)                          | Dave Vieglais | 2019-05-06 14:25 |          |
| 3213 | Member Nodes | MNDeployment | Operational | Normal   | University of Illinois, Chicago member node   | Jing Tao      | 2020-01-23 22:42 |          |
| 8186 | Member Nodes | MNDeployment | Operational | Normal   | ESS-DIVE, including CDIAC   | Matthew Jones | 2018-12-04 14:57 |          |
| 5451 | Member Nodes | MNDeployment | Operational | Normal   | Cary Institute (via Figshare)   | Monica Ihli   | 2019-04-17 21:39 |          |
| 8704 | Member Nodes | MNDeployment | Operational | Normal   | IEDA_Marine-Geo Digital Library (Interdisciplinary Earth Data Alliance)                 | Dave Vieglais | 2019-05-14 13:47 |          |
| 6548 | Member Nodes | MNDeployment | Operational | High     | R2R Repository  | Monica Ihli   | 2018-07-26 13:49 |          |
| 3555 | Member Nodes | MNDeployment | Operational | High     | SANParks  | Laura Moyers  | 2018-05-09 21:19 |          |
| 3554 | Member Nodes | MNDeployment | Operational | High     | KNB   | Jing Tao      | 2018-08-31 15:16 |          |
| 3553 | Member Nodes | MNDeployment | Operational | High     | PISCO   | Laura Moyers  | 2018-01-10 01:13 |          |
| 6485 | Member Nodes | MNDeployment | Operational | High     | The Digital Archaeology Record (tDAR)   | Laura Moyers  | 2019-10-09 02:24 |          |
| 3238 | Member Nodes | MNDeployment | Operational | High     | Idaho Northwest Knowledge Network member node   | Amy Forrester | 2019-10-08 15:14 |          |
| 3558 | Member Nodes | MNDeployment | Operational | High     | CDL Merritt   | Laura Moyers  | 2018-08-23 17:05 |          |
| 3221 | Member Nodes | MNDeployment | Operational | High     | EDAC member node  | Amy Forrester | 2018-08-31 15:15 |          |
| 6544 | Member Nodes | MNDeployment | Operational | High     | TERN Australia (powered by AEKOS)   | Bruce Wilson  | 2019-05-22 14:21 |          |
| 3556 | Member Nodes | MNDeployment | Operational | High     | ESA Data Registry   | Amy Forrester | 2019-10-08 15:28 |          |
| 3232 | Member Nodes | MNDeployment | Operational | High     | LTER-EUROPE   | Laura Moyers  | 2018-11-21 16:58 |          |

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| #    | Project          | Tracker      | Status      | Priority  | Subject   | Assignee       | Updated          | Category           |
|------|------------------|--------------|-------------|-----------|---|----------------|------------------|--------------------|
| 3118 | Member Nodes     | MNDeployment | Operational | Urgent    | Dryad Member Node   | Laura Moyers   | 2019-03-05 18:37 |                    |
| 3521 | Member Nodes     | MNDeployment | Operational | Immediate | SEAD Member Node  | Laura Moyers   | 2019-06-05 17:46 |                    |
| 7140 | Python GMN       | Task         | In Review   | Normal    | Resolve sids to pids  | Dave Vieglais  | 2016-03-25 01:27 |                    |
| 7139 | Python GMN       | Task         | In Review   | Normal    | modify postgres schema  | Dave Vieglais  | 2016-03-25 01:27 |                    |
| 8828 | Member Nodes     | MNDeployment | In Review   | Normal    | SESAR   |                | 2019-08-01 16:09 |                    |
| 8725 | Member Nodes     | MNDeployment | In Review   | Normal    | NCAR (National Center for Atmospheric Research)   |                | 2018-10-08 13:33 |                    |
| 8847 | Member Nodes     | MNDeployment | In Review   | Normal    | Freshwater Research and Environmental Database (IGBFRED)                                    | Dave Vieglais  | 2019-10-17 19:23 |                    |
| 7149 | OGC-Slender Node | Story        | Testing     | Normal    | Implement mechanism to retrieve a list of objects available from repository                 | Dave Vieglais  | 2015-06-05 13:37 |                    |
| 5836 | Member Nodes     | Task         | Testing     | Normal    | GBIF: Verify that MN passes the Web Tester  | Rob Nahf       | 2018-09-26 19:57 |                    |
| 7138 | Python GMN       | Task         | Testing     | Normal    | Create new view functions   | Dave Vieglais  | 2016-03-25 01:27 |                    |
| 7120 | Java Client      | Task         | Testing     | Normal    | Fix DataPackage.insertRelationship() to handle any URI for external identifiers             | Chris Jones    | 2015-06-04 21:48 | d1_libclient_java  |
| 6378 | Infrastructure   | Task         | Testing     | Normal    | code up the new strategy  | Rob Nahf       | 2016-06-22 16:53 | d1_replication     |
| 5531 | Infrastructure   | Task         | Testing     | Normal    | Provide overview of replication process for MN implementors                                 | Matthew Jones  | 2014-10-02 17:21 | Documentation      |
| 7137 | Python GMN       | Task         | Testing     | Normal    | Add support for V2 urls   | Dave Vieglais  | 2016-03-25 01:27 |                    |
| 3624 | Infrastructure   | Task         | Testing     | Normal    | Update CN index processing to support ESRI FGDC metadata format                             | Skye Roseboom  | 2013-03-05 23:27 | d1_indexer         |
| 7389 | Java Client      | Task         | Testing     | Normal    | V2 D1Object fails to download V1 content  | Chris Jones    | 2015-09-28 17:50 | d1_libclient_java  |
| 8123 | Infrastructure   | Bug          | Testing     | Normal    | portal hazelcast client should load config directly from xml                                | Rob Nahf       | 2017-12-26 18:20 | d1_portal_servlet  |
| 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 |
| 7322 | Java Client      | Bug          | Testing     | Normal    | D1Object stores data in memory, causes out of memory errors                                 | Chris Jones    | 2015-08-28 00:15 | d1_libclient_java  |
| 3234 | Member Nodes     | MNDeployment | Testing     | Normal    | CyVerse (iPlant) member node  | Rob Nahf       | 2019-03-05 18:36 |                    |
| 4730 | Member Nodes     | MNDeployment | Testing     | Normal    | Global Biodiversity Information Facility  | Dave Vieglais  | 2018-09-26 19:45 |                    |
| 7686 | Member Nodes     | Task         | Testing     | High      | tDAR - Enable URL links out to data from search results                                     | Ben Leinfelder | 2016-09-27 15:56 |                    |
| 8026 | Infrastructure   | Task         | Testing     | High      | Portal reaches the maximum capacity in a pool   | Jing Tao       | 2017-03-14 00:36 | d1_portal_servlet  |
| 4210 | Infrastructure   | Task         | Testing     | Immediate | Metacat does not set serialVersion correctly in CNodeService archive() or delete()          | Chris Jones    | 2013-12-20 16:12 | Metacat            |
| 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  |
| 8693 | Infrastructure   | Decision     | In Progress | Low       | Support Google Dataset Search on search.dataone.org via partial server side rendering       |                | 2019-06-06 23:53 |                    |

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| #    | Project          | Tracker     | Status      | Priority | Subject   | Assignee      | Updated          | Category                      |
|------|------------------|-------------|-------------|----------|---|---------------|------------------|-------------------------------|
| 317  | Requirements     | Requirement | In Progress | Low      | (Requirement) Identifiers for all objects   | Dave Vieglais | 2010-03-15 22:12 |                               |
| 5833 | Member Nodes     | Story       | In Progress | Normal   | GBIF: Developing  |               | 2019-02-19 18:24 |                               |
| 7146 | OGC-Slender Node | Story       | In Progress | Normal   | Determine formatld for content retrievable from NODC services                         | Dave Vieglais | 2015-06-05 13:37 |                               |
| 7716 | Infrastructure   | Story       | In Progress | Normal   | How to facilitate resubmission of sync Failures?                                      | Dave Vieglais | 2018-01-17 19:22 | d1_synchronization            |
| 8032 | Python GMN       | Story       | In Progress | Normal   | GMN v2  | Roger Dahl    | 2018-01-17 18:55 |                               |
| 8727 | Member Nodes     | Story       | In Progress | Normal   | NCAR Discovery & Assessment   |               | 2019-01-22 18:34 |                               |
| 8358 | Member Nodes     | Story       | In Progress | Normal   | Discovery & Planning (CAFF)   | Amy Forrester | 2018-04-06 14:56 |                               |
| 7920 | Infrastructure   | Story       | In Progress | Normal   | migrate apache2 authorization rules from 2.2 conforming to 2.4                        | Dave Vieglais | 2018-01-17 18:59 | d1_cn_buildout                |
| 6071 | Infrastructure   | Story       | In Progress | Normal   | Release Notes and documentation   | Dave Vieglais | 2018-01-17 19:53 | Documentation                 |
| 8038 | Infrastructure   | Story       | In Progress | Normal   | connect logging output to a log analysis tool   | Dave Vieglais | 2018-01-17 18:52 | d1_synchronization            |
| 8081 | Infrastructure   | Story       | In Progress | Normal   | develop federated broker configuration for indexing                                   | Rob Nahf      | 2018-01-17 18:46 | d1_indexer                    |
| 8738 | Infrastructure   | Story       | In Progress | Normal   | HZEventFilter performance decline with increased task queue                           | Rob Nahf      | 2018-10-30 04:10 | d1_indexer                    |
| 7407 | Infrastructure   | Story       | In Progress | Normal   | object formats in the d1_common_java bootstrap list are inconsistent with production  | Dave Vieglais | 2016-03-15 16:49 | d1_indexer                    |
| 8535 | Member Nodes     | Story       | In Progress | Normal   | Neotoma: Story: Discovery & Planning  | Amy Forrester | 2018-04-09 21:14 |                               |
| 7151 | OGC-Slender Node | Story       | In Progress | Normal   | Generate system metadata for content  | Dave Vieglais | 2015-06-08 18:58 |                               |
| 7219 | Python GMN       | Story       | In Progress | Normal   | Upgrade Django version used by GMN, add better support for PUT operations             | Dave Vieglais | 2016-03-25 01:24 |                               |
| 725  | Infrastructure   | Story       | In Progress | Normal   | Create Authentication and Access control design specifications                        | Dave Vieglais | 2018-01-17 20:52 | Documentation                 |
| 7882 | Infrastructure   | Story       | In Progress | Normal   | Tune CN logfile management  | Dave Vieglais | 2018-01-17 19:03 |                               |
| 3591 | Infrastructure   | Story       | In Progress | Normal   | Content consistency checks for new member nodes                                       | Rob Nahf      | 2018-01-17 20:23 | MNWebChecker                  |
| 8364 | CN REST          | Story       | In Progress | Normal   | Ensure portal uses correct X509 certificates  |               | 2019-05-21 12:57 | d1_portal_servlet             |
| 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   | Menber Node testers are stuck when the MNWebTester hangs / crashes                    | Rob Nahf      | 2018-01-17 19:51 | MNWebChecker                  |
| 5141 | Infrastructure   | Story       | In Progress | Normal   | Describe the mn.updateSystemMetadata behavior in use case document                    | Dave Vieglais | 2018-01-17 19:58 | Documentation                 |
| 7358 | Infrastructure   | Story       | In Progress | Normal   | ContactSubject on NodeList must be valid D1 Idap entry                                | Dave Vieglais | 2016-12-21 09:05 | 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                    |

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| #    | Project          | Tracker | Status      | Priority | Subject   | Assignee               | Updated          | Category            |
|------|------------------|---------|-------------|----------|---|------------------------|------------------|---------------------|
| 4463 | Infrastructure   | Story   | In Progress | Normal   | Incorporate Node Replication Policy into replication processing   | Rob Nahf               | 2018-01-17 20:03 | d1_replication      |
| 4188 | Infrastructure   | Story   | In Progress | Normal   | dataone Exception definition and implementation requires clarification  | Dave Vieglais          | 2018-01-17 20:05 | d1_schemas          |
| 8225 | Member Nodes     | Story   | In Progress | Normal   | Customize Indexing & View for gmd-pangaea   | Rob Nahf               | 2018-05-17 14:30 |                     |
| 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 |
| 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      |
| 7754 | Search UI        | Story   | In Progress | Normal   | Support for XSL transform of various metadata formats   | Bryce Mecum            | 2018-05-17 14:18 | MetacatUI           |
| 4052 | Infrastructure   | Story   | In Progress | Normal   | OPeNDAP MN Story  |                        | 2013-10-06 20:07 | mn.OPeNDAP          |
| 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      |
| 8086 | Infrastructure   | Task    | In Progress | Normal   | upgrade Spring dependencies   | Rob Nahf               | 2019-07-25 20:32 | d1_indexer          |
| 6382 | Member Nodes     | Task    | In Progress | Normal   | ICMBIO: Determine feasibility   | Laura Moyers           | 2015-11-19 17:21 |                     |
| 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   |
| 6034 | Infrastructure   | Task    | In Progress | Normal   | d1_client_cli CCI 2.0 support   | Roger Dahl             | 2014-08-11 16:23 | d1_client_cli       |
| 7148 | OGC-Slender Node | Task    | In Progress | Normal   | Determine formatld for science metadata   | Dave Vieglais          | 2015-09-22 16:27 |                     |
| 6025 | Infrastructure   | Task    | In Progress | Normal   | Implement support for CCI v2.0 in Python stack  | Roger Dahl             | 2014-08-01 15:49 |                     |
| 6033 | Infrastructure   | Task    | In Progress | Normal   | d1_libclient_python CCI 2.0 support   | Roger Dahl             | 2014-08-11 16:22 | d1_libclient_python |
| 6026 | Infrastructure   | Task    | In Progress | Normal   | d1_common CCI 2.0 support   | Roger Dahl             | 2014-08-01 15:49 | d1_common_python    |
| 1047 | Infrastructure   | Task    | In Progress | Normal   | Write Authentication system specification   | Matthew Jones          | 2014-10-01 20:47 |                     |
| 6053 | Member Nodes     | Task    | In Progress | Normal   | Update science metadata files to include ORNL schema type   | Ranjeet<br>Devarakonda | 2014-11-24 14:57 |                     |
| 3332 | Infrastructure   | Task    | In Progress | Normal   | Revise use cases and add sample code  | Dave Vieglais          | 2014-09-24 18:27 | Documentation       |
| 1035 | Infrastructure   | Task    | In Progress | Normal   | Develop reference architecture documents  | Bruce Wilson           | 2011-03-03 19:26 | Documentation       |
| 3419 | Infrastructure   | Task    | In Progress | Normal   | CNRead.describe() does not return Content-Length header   | Chris Jones            | 2013-02-21 18:41 | Metacat             |
| 6375 | Infrastructure   | Task    | In Progress | Normal   | Refactor out dependency on a working CN   | Rob Nahf               | 2016-06-22 16:53 | d1_replication      |
| 6372 | Infrastructure   | Task    | In Progress | Normal   | rehabilitate ReplicationManager "unit" tests  | Rob Nahf               | 2016-06-22 16:53 | d1_replication      |
| 3868 | Member Nodes     | Task    | In Progress | Normal   | Verify TFRI node is running NTP   | Ben Leinfelder         | 2013-08-05 17:25 |                     |
| 4045 | Member Nodes     | Task    | In Progress | Normal   | Conversation with Laura/Mike re USGS ScienceBase planning   | Laura Moyers           | 2014-05-30 19:45 |                     |
| 1061 | Infrastructure   | Task    | In Progress | Normal   | Identify approach to IdentityMapping  | Matthew Jones          | 2014-10-01 20:47 |                     |
| 5455 | Member Nodes     | Task    | In Progress | Normal   | Contact Line Pouchard to re-open discussion about PURL as a potential MN  | Bruce Wilson           | 2015-11-19 19:17 |                     |

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| #    | Project        | Tracker | Status      | Priority | Subject  | Assignee             | Updated          | Category               |
|------|----------------|---------|-------------|----------|--|----------------------|------------------|------------------------|
| 8728 | Member Nodes   | Task    | In Progress | Normal   | Initial Communications (NCAR)  | Amy Forrester        | 2018-10-04 17:24 |                        |
| 8566 | Member Nodes   | Task    | In Progress | Normal   | Test Registration  | Rob Nahf             | 2019-04-16 17:17 |                        |
| 1048 | Infrastructure | Task    | In Progress | Normal   | Write authorization system specification                                 | Matthew Jones        | 2014-10-01 20:47 |                        |
| 3185 | Member Nodes   | Task    | In Progress | Normal   | Make initial contact with FRAMES for participation as a MN               | Dave Vieglais        | 2012-09-05 02:12 |                        |
| 8775 | Infrastructure | Task    | In Progress | Normal   | Make taxonomic rank fields in Solr index non-case-sensitive              | Bryce Mecum          | 2019-03-11 23:35 |                        |
| 6927 | Member Nodes   | Task    | In Progress | Normal   | R2R: Register any new object formats in all environments                 | Roger Dahl           | 2017-01-19 01:16 |                        |
| 7606 | Infrastructure | Task    | In Progress | Normal   | NRDC does not trust the CN certificate for log harvesting                | Laura Moyers         | 2016-04-06 16:14 | Environment.Production |
| 4046 | Member Nodes   | Task    | In Progress | Normal   | Laura to check with Mike re USGS-NWRC planning                           | Laura Moyers         | 2013-11-03 21:43 |                        |
| 4719 | Infrastructure | Task    | In Progress | Normal   | Replace CN client certificate  | Chris Jones          | 2014-09-24 18:14 | Environment.Production |
| 6396 | Infrastructure | Task    | In Progress | Normal   | embed jetty server in d1_integration to run WebTests locally             | Rob Nahf             | 2014-10-01 20:34 | MNWebChecker           |
| 3109 | Infrastructure | Task    | In Progress | Normal   | PISCO/LTER revision history with SBC documents                           | Ben Leinfelder       | 2012-07-31 01:34 |                        |
| 4116 | Member Nodes   | Task    | In Progress | Normal   | Work with FRIM to upgrade Metacat to 2.2.1 or later                      | Jing Tao             | 2015-01-23 19:02 |                        |
| 2827 | Infrastructure | Task    | In Progress | Normal   | nesting groups requires schema change*                                   | Dave Vieglais        | 2015-06-25 22:00 | d1_schemas             |
| 8498 | Member Nodes   | Task    | In Progress | Normal   | SANParks metacat not responding to harvest requests                      | Matthew Jones        | 2019-04-15 18:09 |                        |
| 3610 | Infrastructure | Task    | In Progress | Normal   | Include ESRI-specific FGDC metadata schema in object format list         | Chris Jones          | 2013-07-03 00:23 | Environment.Production |
| 4147 | Infrastructure | Task    | In Progress | Normal   | Modify d1_spatial_reporter.py to produce custom JSON output              | Chris Brumgard       | 2014-03-31 17:41 | d1_cn_tools            |
| 4136 | Infrastructure | Task    | In Progress | Normal   | Make cosmetic changes to the distribution map                            | Chris Jones          | 2014-03-31 17:41 | d1_dashboard           |
| 4189 | Infrastructure | Task    | In Progress | Normal   | Update dataoneErrors.xsd to match the documentation                      | Dave Vieglais        | 2017-01-14 00:24 | d1_schemas             |
| 8523 | Member Nodes   | Task    | In Progress | Normal   | CAFF: Technical Requirements & Design Planning                           | Amy Forrester        | 2018-06-14 14:21 |                        |
| 1479 | CN REST        | Task    | In Progress | Normal   | Design web UI for validating newly created identities                    | Ben Leinfelder       | 2015-01-19 22:59 |                        |
| 3046 | Infrastructure | Task    | In Progress | Normal   | Create utility to update ORE maps with invalid date formats              | Ben Leinfelder       | 2012-08-14 23:41 |                        |
| 8633 | Member Nodes   | Task    | In Progress | Normal   | DAAC: Re-Training & Re-Deployment Planning                               | Amy Forrester        | 2018-07-02 14:53 |                        |
| 4053 | Infrastructure | Task    | In Progress | Normal   | Architect OPeNDAP MN   | Dave Vieglais        | 2013-10-06 20:11 | mn.OPeNDAP             |
| 4246 | Infrastructure | Task    | In Progress | Normal   | Determine why cn-stage-ucsb-1 LDAP syncrepl is failing                   | Michael<br>Campfield | 2014-10-31 17:42 | Environment.Stage1     |
| 3057 | Java Client    | Task    | In Progress | Normal   | retest CLOSE_WAIT issue once the lib client is complete.                 | Rob Nahf             | 2015-02-11 19:52 | d1_libclient_java      |
| 7890 | Infrastructure | Task    | In Progress | Normal   | configure jenkins-ucsb-1 apache server to host ubuntu repositories       | Rob Nahf             | 2017-04-19 19:12 |                        |
| 3978 | Infrastructure | Task    | In Progress | Normal   | Add a CN reporting script that summarizes spatial data for the dashboard | Chris Jones          | 2014-03-31 17:41 | d1_dashboard           |

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| #    | Project        | Tracker | Status      | Priority | Subject   | Assignee      | Updated          | Category               |
|------|----------------|---------|-------------|----------|---|---------------|------------------|------------------------|
| 2642 | Infrastructure | Task    | In Progress | Normal   | Try installing GMN according to the setup instructions  | Andrew Pippin | 2012-07-06 16:25 | d1_mn_GMN              |
| 1467 | Infrastructure | Task    | In Progress | Normal   | Complete d1_schema changes for Authz and Authn.   | Matthew Jones | 2014-10-01 20:47 | Documentation          |
| 7930 | Member Nodes   | Task    | In Progress | Normal   | verify obsoletion in tDAR sandbox   | Dave Vieglais | 2016-12-01 23:47 |                        |
| 8522 | Member Nodes   | Task    | In Progress | Normal   | CAFF: MN Communications   | Amy Forrester | 2018-04-11 14:48 |                        |
| 3114 | Infrastructure | Task    | In Progress | Normal   | Release D1_CLIENT_CLI and prepare for version 2   | Andrew Pippin | 2012-08-02 17:27 |                        |
| 3905 | Infrastructure | Task    | In Progress | Normal   | Sort out shell logins for splunk system   | Bruce Wilson  | 2013-08-23 13:27 | Support Operations     |
| 7102 | Member Nodes   | Task    | In Progress | Normal   | Create test server certificate for test.piscoweb.org  | Dave Vieglais | 2015-05-14 18:28 |                        |
| 2585 | Infrastructure | Task    | In Progress | Normal   | Update Use Case 09  | Skye Roseboom | 2014-09-11 15:47 | d1_replication         |
| 4672 | Java Client    | Task    | In Progress | Normal   | mvn dependencies:analyse shows transitive dependencies:   |               | 2015-02-11 20:08 |                        |
| 4671 | Java Client    | Task    | In Progress | Normal   | suggest updating the following versions:  |               | 2015-02-11 20:08 |                        |
| 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             |
| 4192 | Infrastructure | Task    | In Progress | Normal   | Notify MN implementations of the discrepancy in exception definition                                  | Dave Vieglais | 2014-09-24 18:28 | Management             |
| 7505 | Member Nodes   | Task    | In Progress | Normal   | Correct generous access policies  | Roger Dahl    | 2018-07-02 20:39 |                        |
| 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 |                        |
| 3864 | Infrastructure | Task    | In Progress | Normal   | Release CCI 1.2.1 Features  | Chris Jones   | 2013-09-12 20:04 | Environment.Production |
| 2956 | Infrastructure | Task    | In Progress | Normal   | content-checking tests for MNs entering an environment  | Rob Nahf      | 2014-10-01 22:04 | d1_integration         |
| 4715 | Infrastructure | Task    | In Progress | Normal   | Refresh client certificate for urn:node:CLOAKN  | Chris Jones   | 2014-09-24 18:14 |                        |
| 7958 | Infrastructure | Task    | In Progress | Normal   | CN sometimes sends invalid submitSynchronizationFailed document to MN                                 | Rob Nahf      | 2017-01-04 17:23 | d1_synchronization     |
| 4714 | Infrastructure | Task    | In Progress | Normal   | Refresh client certificate for MN urn:node:TFRI   | Chris Jones   | 2014-09-24 18:14 | Environment.Production |
| 907  | Infrastructure | Task    | In Progress | Normal   | unify d1_integration for multiple environments and test languages                                     | Rob Nahf      | 2012-10-16 21:34 | d1_integration         |
| 8378 | Member Nodes   | Task    | In Progress | Normal   | (OTS) replicate data  | Amy Forrester | 2018-07-31 18:49 |                        |
| 3721 | Java Client    | Task    | In Progress | Normal   | add resource map validation routine to libclient_java   | Rob Nahf      | 2015-02-11 20:42 | d1_libclient_java      |
| 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     |
| 8079 | Infrastructure | Task    | In Progress | Normal   | prototype durable task processing for d1_index_processor  | Rob Nahf      | 2017-04-26 05:45 | 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             |
| 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      |

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| #    | Project          | Tracker | Status      | Priority | Subject   | Assignee       | Updated          | Category                |
|------|------------------|---------|-------------|----------|---|----------------|------------------|-------------------------|
| 2169 | Infrastructure   | Task    | In Progress | Normal   | Design content and layout for status page   | Dave Vieglais  | 2012-03-14 20:40 | d1_monitor              |
| 7929 | Member Nodes     | Task    | In Progress | Normal   | Archive content for SEAD  |                | 2016-11-09 17:11 |                         |
| 5449 | Member Nodes     | Task    | In Progress | Normal   | Resolve resource map issues for LTER-Europe   | Chris Jones    | 2014-06-20 17:59 |                         |
| 8750 | Member Nodes     | Task    | In Progress | Normal   | reconnect eLTER MN to DataONE   | Roger Dahl     | 2018-11-28 16:59 |                         |
| 7612 | Infrastructure   | Task    | In Progress | Normal   | Contact ORNLDAAC  | Laura Moyers   | 2016-02-11 18:02 | Environment.Production  |
| 4716 | Infrastructure   | Task    | In Progress | Normal   | refresh client certificate for urn:node:DRYAD   | Chris Jones    | 2014-09-24 18:14 | Environment.Production  |
| 3220 | Member Nodes     | Task    | In Progress | Normal   | contact iEcolab to determine possible MN role   | Ben Leinfelder | 2013-10-01 17:53 |                         |
| 7466 | Infrastructure   | Task    | In Progress | Normal   | Some objects not accessible on the CN via REST API  | Chris Jones    | 2015-11-05 16:11 | Metacat                 |
| 1159 | Infrastructure   | Task    | In Progress | Normal   | Add description of Group creation and management to design specs.                                 | Matthew Jones  | 2014-10-01 20:47 |                         |
| 7498 | Search UI        | Task    | In Progress | Normal   | Search UI deployments need to be automated  | Chris Jones    | 2015-11-21 00:36 | MetacatUI               |
| 7181 | Python Libraries | Task    | In Progress | Normal   | add d1_libclient_python implementation  | Dave Vieglais  | 2016-04-21 22:37 | d1_libclient_python     |
| 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       |
| 6062 | Infrastructure   | Bug     | In Progress | Normal   | Jenkins not cascading builds in trunk   | Robert Waltz   | 2016-08-10 20:56 | Environment.Development |
| 6789 | Java Client      | Bug     | In Progress | Normal   | Read API calls to the CN are hanging  | Rob Nahf       | 2016-05-07 07:59 |                         |
| 3047 | Infrastructure   | Bug     | In Progress | Normal   | Metacat allows whitespace in Identifiers  | Ben Leinfelder | 2018-11-13 21:44 |                         |
| 3122 | Infrastructure   | Bug     | In Progress | Normal   | asterisk in search term   | Skye Roseboom  | 2014-10-02 18:02 | d1_mercury              |
| 8571 | Infrastructure   | Bug     | In Progress | Normal   | IndexTool can't index a data object   | Jing Tao       | 2018-04-23 20:13 | 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              |
| 2411 | Infrastructure   | Bug     | In Progress | Normal   | knb MNs and CNs allow self-signed certificates to connect   | Chris Jones    | 2014-10-01 22:22 | Environment.Development |
| 7967 | Infrastructure   | Bug     | In Progress | Normal   | The CN is not following the xml schema definition when creating dataone exceptions                | Dave Vieglais  | 2018-05-23 18:13 | Architecture Design     |
| 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      |
| 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              |
| 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      |
| 7746 | CN REST          | Bug     | In Progress | Normal   | Node registration update fails when <contactsubject> spans multiple lines</contactsubject>        | Rob Nahf       | 2016-04-26 17:30 | d1_cn_noderegistry      |
| 7896 | Member Nodes     | Bug     | In Progress | Normal   | Dryad data sets don't mark new versions correctly in<br>SystemMetadata with obsoletes/obsoletedBy | Monica Ihli    | 2017-07-24 10:10 |                         |
| 6614 | Python GMN       | Bug     | In Progress | Normal   | GMN describe not returning DescribeResponse for IARC MN   | Roger Dahl     | 2016-04-21 22:37 |                         |
| 7570 | Infrastructure   | Bug     | In Progress | Normal   | Search UI requests cause Out of Memory Error  | Jing Tao       | 2017-04-26 21:01 | d1_indexer              |

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| #    | Project          | Tracker      | Status      | Priority | Subject   | Assignee      | Updated          | Category            |
|------|------------------|--------------|-------------|----------|---|---------------|------------------|---------------------|
| 7523 | Infrastructure   | Bug          | In Progress | Normal   | D1Client no longer updates stale NodeList   | Rob Nahf      | 2016-04-19 22:27 | d1_libclient_java   |
| 6497 | Python GMN       | Feature      | In Progress | Normal   | V2 GMN Support  | Dave Vieglais | 2016-03-25 01:27 |                     |
| 6369 | Java Client      | Feature      | In Progress | Normal   | ResourceMapFactory.parseResourceMap does not return aggregated resources            | Rob Nahf      | 2015-02-11 20:56 | d1_libclient_java   |
| 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       |
| 2540 | Infrastructure   | Feature      | In Progress | Normal   | add generateIdentifier() method to MNStorage API                                    | Dave Vieglais | 2014-10-02 17:54 | Documentation       |
| 6854 | Infrastructure   | Feature      | In Progress | Normal   | add testAssumptionFailure to run listener   | Rob Nahf      | 2016-01-26 22:30 | d1_integration      |
| 8525 | Infrastructure   | Story        | In Progress | High     | timeout exceptions thrown from Hazelcast disable synchronization                    | Rob Nahf      | 2018-11-16 17:32 | d1_synchronization  |
| 8824 | Infrastructure   | Task         | In Progress | High     | Install Apache 2.4.39 and disable TLSv1.3 on CNs                                    | Dave Vieglais | 2019-06-19 12:11 |                     |
| 1556 | Infrastructure   | Task         | In Progress | High     | Interns mailing list  |               | 2011-05-12 23:02 |                     |
| 8195 | Infrastructure   | Bug          | In Progress | High     | Tomcat out of memory error  | Dave Vieglais | 2017-12-26 20:01 |                     |
| 3492 | Infrastructure   | Bug          | In Progress | Urgent   | Invalid PIDs in production (whitespace)   | Jing Tao      | 2017-04-27 15:31 | Support Operations  |
| 5835 | Member Nodes     | Task         | Ready       | Normal   | GBIF: Local Testing   | Rob Nahf      | 2019-01-24 16:53 |                     |
| 7865 | Member Nodes     | MNDeployment | Planning    | Normal   | Hydroshare (CUAHSI)   | John Evans    | 2019-09-17 14:33 |                     |
| 3230 | Member Nodes     | MNDeployment | Planning    | Normal   | ARM - Atmospheric Radiation Measurement member node                                 | John Evans    | 2019-11-25 20:10 |                     |
| 8254 | Member Nodes     | MNDeployment | Planning    | Normal   | ABDS - Arctic Biodiversity Data Service (CAFF)                                      | Amy Forrester | 2019-09-17 14:31 |                     |
| 8839 | Member Nodes     | MNDeployment | Planning    | Normal   | CMU KiltHub via Figshare  | Roger Dahl    | 2019-09-24 17:48 |                     |
| 7296 | Member Nodes     | MNDeployment | Planning    | Normal   | GCOOS   | Monica Ihli   | 2018-04-16 15:53 |                     |
| 7095 | Python GMN       | Story        | New         | Low      | Support HTTP redirect capability for GMN within the Vendor Specific Extension model | Dave Vieglais | 2016-03-25 02:30 |                     |
| 7807 | Infrastructure   | Story        | New         | Low      | cn.synchronize should support synchronization failure corrections.                  |               | 2018-01-17 19:15 | Architecture Design |
| 5468 | Python Libraries | Story        | New         | Low      | Remove dead code from D1 Python stack   | Roger Dahl    | 2018-01-17 19:57 |                     |
| 3333 | Infrastructure   | Task         | New         | Low      | Generalize mk_* scripts for host name   | Dave Vieglais | 2012-10-11 18:50 | Support Operations  |
| 991  | Infrastructure   | Task         | New         | Low      | implement HEAD /resolve/ <guid></guid>  |               | 2010-10-13 22:02 |                     |
| 7162 | Python GMN       | Task         | New         | Low      | Member node does not check with coordinating node before replicating                |               | 2015-06-05 23:49 |                     |
| 1585 | Infrastructure   | Task         | New         | Low      | add exec-maven-plugin to trigger python integration tests at verify phase.          | Rob Nahf      | 2012-10-16 21:32 |                     |
| 1559 | Java Client      | Task         | New         | Low      | Refactor d1_libclient_java echo tests   | Rob Nahf      | 2015-02-11 19:49 | d1_libclient_java   |
| 8723 | Member Nodes     | Task         | New         | Low      | tDAR: Implemented IP Whitelisting on tDAR systems / Impacts to reporting            | Amy Forrester | 2018-10-02 16:51 |                     |

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| #    | Project          | Tracker     | Status | Priority | Subject  | Assignee       | Updated          | Category                      |
|------|------------------|-------------|--------|----------|--|----------------|------------------|-------------------------------|
| 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                    |
| 3763 | Infrastructure   | Task        | New    | Low      | Visualize PyPI download statistics for Python components   | Roger Dahl     | 2014-10-01 21:32 | d1_dashboard                  |
| 2286 | Infrastructure   | Task        | New    | Low      | Change Exceptions.InvalidToken to Exceptions.InvalidSession  | Dave Vieglais  | 2014-10-02 17:21 | Documentation                 |
| 2281 | Infrastructure   | Task        | New    | Low      | Possibly update the Identity Management and Authenticated Session Management doc   | Matthew Jones  | 2014-10-01 20:47 | Authentication, Authorization |
| 2147 | Infrastructure   | Task        | New    | Low      | The Python stack does not support Unicode supplementary characters (above 0xffff)  | Roger Dahl     | 2012-04-16 03:50 | d1_common_python              |
| 7821 | Python Libraries | Task        | New    | Low      | Verify Expect: 100-Continue header on POST or PUT requests   | Roger Dahl     | 2016-06-03 19:58 | d1_libclient_python           |
| 3246 | Infrastructure   | Bug         | New    | Low      | Metacat returns 500 instead of 404 in some cases   | Ben Leinfelder | 2014-10-02 18:03 | Metacat                       |
| 3165 | Java Client      | Bug         | New    | Low      | Libclient caching does not respect accessPolicies  | Rob Nahf       | 2015-02-11 18:37 | d1_libclient_java             |
| 8822 | Infrastructure   | Bug         | New    | Low      | Account queries in STAGE-2 failing from web browser  |                | 2019-06-19 01:44 |                               |
| 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                     |
| 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                     |
| 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 |                               |
| 7684 | DataONE API      | Bug         | New    | Low      | Call to MNStorage.update() via REST API returns java.lang.StackOverflowError   |                | 2016-03-21 23:07 |                               |
| 7698 | Infrastructure   | Bug         | New    | Low      | Exclude SLF4J jars in d1_solr_extensions.jar   |                | 2016-03-28 16:22 | d1_cn_solr_extensions         |
| 3762 | Infrastructure   | Feature     | New    | Low      | DataONE software download statistics   | Roger Dahl     | 2014-10-01 21:32 | d1_dashboard                  |
| 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 Vieglais  | 2010-04-15 22:57 |                               |
| 383  | Requirements     | Requirement | New    | Low      | (Requirement) System supports data storage   |                | 2010-03-16 21:35 |                               |
| 337  | Requirements     | Requirement | New    | Low      | (Requirement) Deploy three coordinating nodes  |                | 2010-03-17 15:14 |                               |
| 468  | Requirements     | Requirement | New    | Low      | (Requirement) Design the cyberinfrastructure for the project.  |                | 2010-03-25 16:51 |                               |
| 389  | Requirements     | Requirement | New    | Low      | (Requirement) Implement a Member Node based on the ORNL DAAC   |                | 2010-03-25 14:46 |                               |

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| #    | Project      | Tracker      | Status | Priority | Subject   | Assignee      | Updated          | Category |
|------|--------------|--------------|--------|----------|---|---------------|------------------|----------|
| 455  | Requirements | Requirement  | New    | Low      | (Requirement) Installation of critical software must be well documented and as automated as possible  |               | 2010-03-25 13:52 |          |
| 388  | Requirements | Requirement  | New    | Low      | (Requirement) Implement a Member Node based on Dryad  |               | 2010-03-24 13:36 |          |
| 374  | Requirements | Requirement  | New    | Low      | (Requirement) Periodic Reporting to Sponsor   |               | 2010-03-16 18:11 |          |
| 433  | Requirements | Requirement  | New    | Low      | (Requirement) Data and metadata is replicated to at least one other member node                       |               | 2010-03-25 03:11 |          |
| 412  | Requirements | Requirement  | New    | Low      | (Requirement) Identifiers always refer to the same object   |               | 2010-03-25 15:41 |          |
| 387  | Requirements | Requirement  | New    | Low      | (Requirement) Implement a Member Node based on Metacat  |               | 2010-10-06 22:00 |          |
| 431  | Requirements | Requirement  | New    | Low      | (Requirement) Software developed for infrastructure should be implemented according to specifications |               | 2010-03-25 14:44 |          |
| 386  | Requirements | Requirement  | New    | Low      | (Requirement) Deploy at least three Member Nodes  |               | 2010-03-17 13:39 |          |
| 371  | Requirements | Requirement  | New    | Low      | (Requirement) Provide a suite of collaboration tools and instruction on how to use them               |               | 2010-03-16 20:06 |          |
| 410  | Requirements | Requirement  | New    | Low      | (Requirement) The infrastructure must support long term preservation of Data                          |               | 2010-03-25 15:41 |          |
| 439  | Requirements | Requirement  | New    | Low      | (Requirement) Maintain original copies of all science metadata  |               | 2010-03-25 03:27 |          |
| 409  | Requirements | Requirement  | New    | Low      | (Requirement) Develop a reference implementation of the Member Node stack                             |               | 2010-03-25 13:57 |          |
| 385  | Requirements | Requirement  | New    | Low      | (Requirement) Support arbitrary unique identifiers  |               | 2010-03-16 22:09 |          |
| 408  | Requirements | Requirement  | New    | Low      | (Requirement) Implement a Coordinating Node software stack  |               | 2010-03-25 15:44 |          |
| 339  | Requirements | Requirement  | New    | Low      | (Requirement) Web presence to provide publicly accessible information about the project               |               | 2010-03-16 17:36 |          |
| 6359 | Member Nodes | MNDeployment | New    | Low      | SiBBr   | Laura Moyers  | 2015-11-19 17:20 |          |
| 3235 | Member Nodes | MNDeployment | New    | Low      | LITS - Long-Term Individual base Time Series project member node                                      |               | 2018-04-17 17:23 |          |
| 3241 | Member Nodes | MNDeployment | New    | Low      | ALA - Atlas of Living Australia member node   |               | 2018-04-17 17:14 |          |
| 3240 | Member Nodes | MNDeployment | New    | Low      | AZGS - Arizona Geological Survey member node  |               | 2018-04-17 17:18 |          |
| 7163 | Member Nodes | MNDeployment | New    | Low      | UN Environmental Programme World Conservation<br>Monitoring Centre (UNEP WCMC)                        | Bruce Wilson  | 2016-04-04 17:17 |          |
| 3176 | Member Nodes | MNDeployment | New    | Low      | QUT member node   | Matthew Jones | 2018-04-17 17:30 |          |
| 8009 | Member Nodes | MNDeployment | New    | Low      | Geometabolome   | Laura Moyers  | 2018-04-17 17:22 |          |
| 3480 | Member Nodes | MNDeployment | New    | Low      | Globe.gov   | Laura Moyers  | 2018-04-17 17:23 |          |
| 7145 | Member Nodes | MNDeployment | New    | Low      | PlutoF  |               | 2018-04-17 17:26 |          |
| 3258 | Member Nodes | MNDeployment | New    | Low      | CitSci.org MN   | Bruce Wilson  | 2018-04-17 17:19 |          |

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| #    | Project                  | Tracker      | Status | Priority | Subject  | Assignee         | Updated          | Category           |
|------|--------------------------|--------------|--------|----------|--|------------------|------------------|--------------------|
| 7851 | Member Nodes             | MNDeployment | New    | Low      | CESAB - Center for Synthesis and Analysis for Biodiversity                 | Laura Moyers     | 2018-04-17 17:19 |                    |
| 4224 | Member Nodes             | MNDeployment | New    | Low      | Japan Long Term Ecological Research Network                                | Laura Moyers     | 2015-11-19 00:52 |                    |
| 4227 | Member Nodes             | MNDeployment | New    | Low      | TRY Plant Trait Database   | Laura Moyers     | 2015-11-19 15:40 |                    |
| 3683 | Member Nodes             | MNDeployment | New    | Low      | Purdue University Libraries  |                  | 2018-04-17 17:30 |                    |
| 3690 | Member Nodes             | MNDeployment | New    | Low      | Digital Library of Vertebrate Morphology, University of Texas              | Laura Moyers     | 2015-11-19 17:53 |                    |
| 3691 | Member Nodes             | MNDeployment | New    | Low      | National Institute for Amazon Research                                     |                  | 2018-04-17 17:25 |                    |
| 3685 | Member Nodes             | MNDeployment | New    | Low      | National SocioEnvironmental Synthesis Center                               | Laura Moyers     | 2015-11-19 17:58 |                    |
| 3684 | Member Nodes             | MNDeployment | New    | Low      | Branner Earth Sciences Library - Stanford University                       | Laura Moyers     | 2015-11-19 19:04 |                    |
| 3680 | Member Nodes             | MNDeployment | New    | Low      | Federal University of Pernambuco, Brazil                                   | Laura Moyers     | 2015-11-19 19:34 |                    |
| 3633 | Member Nodes             | MNDeployment | New    | Low      | Bay Delta Member Node  | Laura Moyers     | 2015-11-19 19:44 |                    |
| 3628 | Member Nodes             | MNDeployment | New    | Low      | Harvard Filtered Push MN   | William Michener | 2015-11-20 03:14 |                    |
| 7973 | Member Nodes             | MNDeployment | New    | Low      | Alaska Energy Data Gateway   | Amy Forrester    | 2018-04-17 17:21 |                    |
| 7758 | Member Nodes             | MNDeployment | New    | Low      | Polar Rock Repository (PRR) at Ohio State                                  |                  | 2018-04-17 17:28 |                    |
| 3520 | Member Nodes             | MNDeployment | New    | Low      | ARCTOS Collaborative Collection Management Solution                        | Dave Vieglais    | 2018-04-17 17:18 |                    |
| 3519 | Member Nodes             | MNDeployment | New    | Low      | Prairie Research Institute   | Dave Vieglais    | 2015-11-19 17:00 |                    |
| 7549 | Member Nodes             | MNDeployment | New    | Low      | COS - the Center for Open Science  | Laura Moyers     | 2018-04-17 17:20 |                    |
| 7052 | Member Nodes             | MNDeployment | New    | Low      | BaMBa - Brazilian Marine Biodiversity Database                             | Laura Moyers     | 2015-11-19 17:03 |                    |
| 8366 | Infrastructure           | Story        | New    | Normal   | Migrate jenkins continuous integration from UNM to UCSB                    | Dave Vieglais    | 2019-01-22 19:26 | Support Operations |
| 8864 | CN REST                  | Story        | New    | Normal   | Sychronization does not register authoritative replica entry correctly     | Jing Tao         | 2020-06-19 21:59 | d1_synchronization |
| 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         |
| 8368 | Infrastructure           | Story        | New    | Normal   | Update backup strategy for jenkins job configurations to subversion        | Dave Vieglais    | 2019-01-22 19:25 | Support Operations |
| 8340 | Testing MN<br>Management | Story        | New    | Normal   | Discovery  |                  | 2018-02-08 15:28 |                    |
| 6069 | Infrastructure           | Story        | New    | Normal   | open ask.dataone.org sign-in to community                                  | Dave Vieglais    | 2014-10-01 20:39 | Documentation      |
| 8363 | Infrastructure           | Story        | New    | Normal   | indexer shutdown generates index tasks                                     | Rob Nahf         | 2018-09-24 15:25 | d1_indexer         |
| 8367 | Infrastructure           | Story        | New    | Normal   | Duplicate jenkins jobs from UNM to UCSB                                    | Dave Vieglais    | 2019-01-22 19:25 | Support Operations |
| 7166 | OGC-Slender Node         | Story        | New    | Normal   | Create ORE document for an NODC data package                               | Dave Vieglais    | 2015-06-08 18:50 |                    |
| 6543 | Infrastructure           | Story        | New    | Normal   | Support RIF-CS metadata standard   | Dave Vieglais    | 2018-01-17 19:46 | Format ID          |
| 8734 | Infrastructure           | Story        | New    | Normal   | Hazelcast shutdown tied to out of memory exception!                        | Rob Nahf         | 2018-10-18 16:55 | Metacat            |

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| #    | Project                  | Tracker | Status | Priority | Subject   | Assignee      | Updated          | Category                |
|------|--------------------------|---------|--------|----------|---|---------------|------------------|-------------------------|
| 8683 | Member Nodes             | Story   | New    | Normal   | USGS SDC: redeploy as a v2 Slender Node with GMN  | John Evans    | 2019-05-15 14:03 |                         |
| 8832 | Member Nodes             | Story   | New    | Normal   | Conflict between pyshacl and owlr on ubuntu   | John Evans    | 2019-08-05 19:32 |                         |
| 8352 | Testing MN<br>Management | Story   | New    | Normal   | Move to Production  |               | 2018-02-08 15:28 |                         |
| 8862 | Infrastructure           | Story   | New    | Normal   | Deploy a new dataone-cn-rest release  | Jing Tao      | 2020-04-23 16:24 |                         |
| 8831 | Member Nodes             | Story   | New    | Normal   | Import error with schema_org.data   | John Evans    | 2019-08-05 18:57 |                         |
| 8702 | Infrastructure           | Story   | New    | Normal   | Indexing Refactor Strategy  | Rob Nahf      | 2018-09-24 18:05 | d1_indexer              |
| 8782 | Infrastructure           | Story   | New    | Normal   | Upgrade OS to Ubuntu 18.04 on CNs   | Jing Tao      | 2019-03-22 18:12 |                         |
| 8833 | Member Nodes             | Story   | New    | Normal   | Problems utilizing pyshacl within SlenderNodes  | John Evans    | 2019-08-09 18:20 |                         |
| 6796 | Python Libraries         | Story   | New    | Normal   | Migrate to Python v3  | Roger Dahl    | 2018-01-17 19:43 |                         |
| 8574 | Search UI                | Story   | New    | Normal   | PANGAEA Temporary Fix: SID only in Data Citation  | Bryce Mecum   | 2018-05-01 01:45 |                         |
| 8779 | Infrastructure           | Story   | New    | Normal   | ForesiteResourceMap performance issue   | Rob Nahf      | 2019-03-25 18:48 | d1_indexer              |
| 8463 | Testing MN<br>Management | Story   | New    | Normal   | test: Testing & Development   |               | 2018-03-01 21:04 |                         |
| 8504 | Infrastructure           | Story   | New    | Normal   | Support creation of data citation record from solr record   | Monica Ihli   | 2018-07-17 23:06 | d1_indexer              |
| 8770 | CN REST                  | Story   | New    | Normal   | Issue with CN handling of encoded identifiers in object/meta/ node/, others?                          | Jing Tao      | 2019-03-05 19:37 | d1_cn_rest              |
| 8857 | Infrastructure           | Story   | New    | Normal   | D1Client.getCN() always get the production on on the CN Tomcat context                                | Jing Tao      | 2019-12-13 00:34 | dataone-cn-rest-service |
| 8589 | Member Nodes             | Story   | New    | Normal   | ARM: Re-Discovery & Planning  |               | 2018-05-10 21:44 |                         |
| 8771 | CN REST                  | Story   | New    | Normal   | Issue with LDAP when updating `nodeReplicationPolicy`   | Dave Vieglais | 2019-03-05 19:43 | d1_cn_rest              |
| 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             |
| 8568 | Member Nodes             | Story   | New    | Normal   | (CyVerse) Move to production  |               | 2018-04-23 21:18 |                         |
| 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       |
| 6759 | DataONE API              | Story   | New    | Normal   | ObjectFormat Management   | Dave Vieglais | 2015-01-19 23:17 |                         |
| 8749 | CN REST                  | Story   | New    | Normal   | Fix log aggregation events from the CN without associated CN IPs                                      | Dave Vieglais | 2019-05-01 22:25 |                         |
| 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               |
| 8851 | Infrastructure           | Story   | New    | Normal   | CN sends error doc with "pid" to v2 endpoint  | Jing Tao      | 2019-11-06 22:31 | d1_synchronization      |
| 8853 | Infrastructure           | Story   | New    | Normal   | Make cn.resolve smarter   |               | 2019-11-15 16:50 |                         |
| 8762 | Infrastructure           | Story   | New    | Normal   | Add new formats to CN   |               | 2019-02-07 20:03 |                         |
| 8639 | Infrastructure           | Story   | New    | Normal   | Replication performance is too slow to service demand   | Chris Jones   | 2018-07-04 11:18 | d1_replication          |
| 8582 | CN REST                  | Story   | New    | Normal   | Replica Auditing service is throwing errors   | Jing Tao      | 2019-01-14 16:40 | d1_replication_auditor  |

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| #    | Project                  | Tracker | Status | Priority | Subject   | Assignee      | Updated          | Category               |
|------|--------------------------|---------|--------|----------|---|---------------|------------------|------------------------|
| 8634 | Member Nodes             | Story   | New    | Normal   | DAAC: Testing & Development   | Dave Vieglais | 2018-07-02 14:55 |                        |
| 8806 | Infrastructure           | Story   | New    | Normal   | Cleanup from OS upgrades  |               | 2019-05-21 12:45 |                        |
| 8602 | Infrastructure           | Story   | New    | Normal   | Log aggregation and augmentation process mid 2018 updates                                 | Dave Vieglais | 2018-06-07 20:49 | d1_log_aggregation     |
| 8849 | Infrastructure           | Story   | New    | Normal   | During sync, the CN does not detect error returned from getChecksum()                     | Jing Tao      | 2019-11-06 22:07 |                        |
| 8347 | Testing MN<br>Management | Story   | New    | Normal   | Testing & Development   |               | 2018-02-08 15:28 |                        |
| 8515 | Testing MN<br>Management | Story   | New    | Normal   | meow: Move to Production  |               | 2018-03-22 20:45 |                        |
| 8842 | Infrastructure           | Story   | New    | Normal   | Some exceptions in Metacat  |               | 2019-09-19 17:53 |                        |
| 8736 | Infrastructure           | Story   | New    | Normal   | Decouple the index generator to the hazelcast system metadata map                         |               | 2019-01-22 19:27 | d1_indexer             |
| 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             |
| 8796 | Infrastructure           | Story   | New    | Normal   | Various issues with service access after upgrade to 18.04                                 | Jing Tao      | 2019-05-21 12:38 |                        |
| 8848 | Infrastructure           | Story   | New    | Normal   | A minor difference of annotation index between CN and MN                                  |               | 2019-11-01 21:37 |                        |
| 8756 | CN REST                  | Story   | New    | Normal   | Ensure replica auditor is effective   | Chris Jones   | 2019-01-15 21:00 | d1_replication_auditor |
| 5867 | Member Nodes             | Story   | New    | Normal   | GBIF: Registration in Production environment  |               | 2019-01-24 17:08 |                        |
| 5838 | Member Nodes             | Story   | New    | Normal   | GBIF: Testing   |               | 2019-01-28 14:39 |                        |
| 8758 | Infrastructure           | Story   | New    | Normal   | Index replicationStatus field   | Jing Tao      | 2019-01-14 18:00 | d1_indexer             |
| 8244 | Member Nodes             | Story   | New    | Normal   | Upgrade Member Node to current version of Metacat (IOE)                                   | Amy Forrester | 2018-01-25 15:36 |                        |
| 5895 | Member Nodes             | Story   | New    | Normal   | GBIF: Transition to production  |               | 2018-01-22 18:41 |                        |
| 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 |
| 8521 | Member Nodes             | Story   | New    | Normal   | CAFF: Testing & Development   |               | 2018-04-06 15:17 |                        |
| 4091 | Infrastructure           | Story   | New    | Normal   | ESRI GeoPortal MN stack   |               | 2013-10-15 13:36 |                        |
| 8869 | Infrastructure           | Story   | New    | Normal   | Equivalent identities show owning different amount of packages.                           | Jing Tao      | 2020-09-24 22:34 | d1_indexer             |
| 3720 | Infrastructure           | Story   | New    | Normal   | resource maps should be validated   | Dave Vieglais | 2018-01-17 20:17 | Documentation          |
| 2488 | Infrastructure           | Story   | New    | Normal   | Changing the authoritativeMembernode will require all replica's systemMetadata be updated | Dave Vieglais | 2018-01-17 20:39 | d1_synchronization     |
| 7224 | Infrastructure           | Story   | New    | Normal   | push synchronization request status indicator: synchronizeStatus method option            |               | 2018-01-17 19:38 | Architecture Design    |
| 2944 | Infrastructure           | Story   | New    | Normal   | Design and implement a MN kill switch mechanism   | Dave Vieglais | 2018-01-17 20:30 | Support Operations     |

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| #    | Project                  | Tracker | Status | Priority | Subject   | Assignee      | Updated          | Category                      |
|------|--------------------------|---------|--------|----------|---|---------------|------------------|-------------------------------|
| 1644 | DataONE API              | Story   | New    | Normal   | Develop an object format creation policy  |               | 2018-01-17 20:46 |                               |
| 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                    |
| 7605 | Infrastructure           | Story   | New    | Normal   | MemberNodes not authorizing CN to harvest log records   | Dave Vieglais | 2018-01-17 19:33 | Environment.Production        |
| 4278 | Infrastructure           | Story   | New    | Normal   | EML indexing - handle multiple temporalCoverage and spatialCoverage elements  | Jing Tao      | 2018-01-17 20:04 | d1_indexer                    |
| 6513 | Infrastructure           | Story   | New    | Normal   | Create a Local Cache of all Membernode log records on the single master CN  | Dave Vieglais | 2018-01-17 19:49 | d1_log_aggregation            |
| 7859 | Infrastructure           | Story   | New    | Normal   | Add formatID for the STL 3d model file format   | Dave Vieglais | 2018-01-17 19:04 |                               |
| 7559 | Infrastructure           | Story   | New    | Normal   | Develop plan for securing application passwords in the CN stack   | Dave Vieglais | 2018-01-17 19:34 | Architecture Design           |
| 8162 | Infrastructure           | Story   | New    | Normal   | Replication tasks can contain stale potential target nodes  | Rob Nahf      | 2018-03-02 21:47 | d1_replication                |
| 8073 | Python GMN               | Story   | New    | Normal   | Make sure unecessary services are disabled  | Roger Dahl    | 2018-01-17 18:48 |                               |
| 6883 | Infrastructure           | Story   | New    | Normal   | support for ESRI Shapefile object format  |               | 2018-01-17 19:40 | Format ID                     |
| 6850 | Java Client              | Story   | New    | Normal   | automate Java Client releases   | Rob Nahf      | 2018-01-17 19:42 | d1_libclient_java             |
| 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            |
| 2548 | Infrastructure           | Story   | New    | Normal   | recasting untrusted certs to public poses accessibility inconsistency to users  |               | 2018-01-17 20:36 | Authentication, Authorization |
| 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                    |
| 8381 | Testing MN<br>Management | Story   | New    | Normal   | Discovery   |               | 2018-02-27 17:32 |                               |
| 8343 | Testing MN<br>Management | Story   | New    | Normal   | Planning  |               | 2018-02-08 15:28 |                               |
| 3656 | Infrastructure           | Story   | New    | Normal   | integration testing: what are acceptable pids for update?   | Roger Dahl    | 2018-01-17 20:22 |                               |
| 8061 | Infrastructure           | Story   | New    | Normal   | develop queue-based processing system for the CN  | Rob Nahf      | 2018-01-17 19:00 | Architecture Design           |
| 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           |
| 6056 | Infrastructure           | Story   | New    | Normal   | remove log aggregation processing from d1-processing Linux service  | Dave Vieglais | 2018-01-17 19:55 | d1_log_aggregation            |
| 7940 | Infrastructure           | Story   | New    | Normal   | Retrieval of system metadata is too slow  | Robert Waltz  | 2018-01-09 19:10 | d1_cn_service                 |
| 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            |

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| #    | Project        | Tracker | Status | Priority | Subject   | Assignee      | Updated          | Category                      |
|------|----------------|---------|--------|----------|---|---------------|------------------|-------------------------------|
| 8097 | Infrastructure | Story   | New    | Normal   | Metacat (storage) and d1-synchronize both have the code to compute the checksum   | Jing Tao      | 2018-01-09 19:10 | d1_synchronization            |
| 8167 | Infrastructure | Story   | New    | Normal   | Enable postgres replication between Coordinating Nodes  | Monica Ihli   | 2018-01-09 19:10 | dataone-cn-os-core            |
| 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             |
| 8207 | Infrastructure | Story   | New    | Normal   | review and adjust memory allocated to d1-processing   |               | 2018-01-09 19:10 |                               |
| 8819 | Member Nodes   | Story   | New    | Normal   | IEDA documents not in DataONE   |               | 2019-06-13 19:20 |                               |
| 8204 | Infrastructure | Story   | New    | Normal   | Adjust memory allocation for services running under JVM on CNs  |               | 2018-01-09 19:10 |                               |
| 8213 | Member Nodes   | Story   | New    | Normal   | KUBI node is not responding as a MN   | Dave Vieglais | 2017-11-06 22:18 |                               |
| 8208 | Infrastructure | Story   | New    | Normal   | Review and adjust memory allocated to d1-index-task-generator and d1-index-task-processor                               |               | 2018-01-09 19:10 |                               |
| 4650 | Infrastructure | Story   | New    | Normal   | Allow MN to bias resolve to the authoritative MN  | Rob Nahf      | 2018-01-17 20:00 | d1_cn_common                  |
| 8540 | Infrastructure | Story   | New    | Normal   | interesting 15 minute Hazelcast timeout in IndexProcessor   | Rob Nahf      | 2018-04-12 04:32 | d1_indexer                    |
| 8084 | Infrastructure | Story   | New    | Normal   | determine the backup strategy for rabbitMQ  | Rob Nahf      | 2018-01-17 18:46 | d1_indexer                    |
| 8791 | Infrastructure | Story   | New    | Normal   | Complete deprecation of ONEMercury interface  | Rob Nahf      | 2019-05-01 14:00 | d1_mercury                    |
| 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                    |
| 8109 | Infrastructure | Story   | New    | Normal   | Does authentication token need to include group information?  | Dave Vieglais | 2018-01-17 18:45 | Authentication, Authorization |
| 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                    |
| 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 |                               |
| 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            |
| 7889 | Infrastructure | Story   | New    | Normal   | Synchronization not happening when authoritativeMN is not set correctly.  | Rob Nahf      | 2018-01-17 19:01 | 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 |                               |
| 7640 | Infrastructure | Story   | New    | Normal   | ONEShare failing with ServiceFailure  | Laura Moyers  | 2016-02-12 16:39 | Environment.Production        |
| 7611 | Infrastructure | Story   | New    | Normal   | ORNLDAAC fails during log aggregation   | Laura Moyers  | 2016-01-26 16:39 | Environment.Production        |
| 8234 | Infrastructure | Story   | New    | Normal   | Use University of Kansas ORCID membership to support authentication in production environment                           | Dave Vieglais | 2018-01-09 19:10 | Authentication, Authorization |
| 7712 | Infrastructure | Story   | New    | Normal   | Sanparks fails during LogAggregation  | Laura Moyers  | 2016-04-06 16:43 | Environment.Production        |

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| #    | Project          | Tracker | Status | Priority | Subject   | Assignee       | Updated          | Category           |
|------|------------------|---------|--------|----------|---|----------------|------------------|--------------------|
| 7170 | OGC-Slender Node | Story   | New    | Normal   | Evaluate the feasibility of extracting provenance information from the journal.txt document         | Dave Vieglais  | 2015-06-08 21:28 |                    |
| 7183 | Infrastructure   | Story   | New    | Normal   | Update wild card server certificate on all test.dataone.org systems                                 | Dave Vieglais  | 2015-06-15 15:10 | Support Operations |
| 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     |
| 8074 | Python GMN       | Story   | New    | Normal   | Eliminate unnecessary setuid/setgid programs  | Roger Dahl     | 2018-01-17 18:48 |                    |
| 8564 | Member Nodes     | Story   | New    | Normal   | (CyVerse) Testing & Development   | Rob Nahf       | 2018-07-02 19:56 |                    |
| 3468 | Infrastructure   | Task    | New    | Normal   | Explore how CN.listObject can effectively use auto-incremented key                                  | Ben Leinfelder | 2013-01-08 18:35 | Documentation      |
| 3467 | Infrastructure   | Task    | New    | Normal   | MN.listObject should use auto-incremented key   | Ben Leinfelder | 2013-01-08 18:31 | Metacat            |
| 2033 | Infrastructure   | Task    | New    | Normal   | Document hardware / CN administrators and their contact info  | Dave Vieglais  | 2014-09-24 18:29 | Management         |
| 3466 | Infrastructure   | Task    | New    | Normal   | Add synthetic key to systemMetadata table   | Ben Leinfelder | 2013-01-08 18:30 |                    |
| 3465 | Infrastructure   | Task    | New    | Normal   | Improve Metacat listObject slicing  | Ben Leinfelder | 2013-01-08 18:54 | Metacat            |
| 2031 | Infrastructure   | Task    | New    | Normal   | Document the structure and interconnections of VM host hardware at UCSB                             | Nick Outin     | 2014-09-24 18:29 | Hardware           |
| 3438 | Infrastructure   | Task    | New    | Normal   | Evaluate utility of schema.org  |                | 2012-12-21 16:15 | Documentation      |
| 8830 | Member Nodes     | Task    | New    | Normal   | Requirements Analysis   | John Evans     | 2019-08-06 14:44 |                    |
| 7155 | OGC-Slender Node | Task    | New    | Normal   | Design the connector, including sources of key information  | Dave Vieglais  | 2015-06-05 11:42 |                    |
| 3411 | Member Nodes     | Task    | New    | Normal   | Collate documents of relevance to MN deployment and operation                                       | Dave Vieglais  | 2012-12-01 18:33 |                    |
| 6514 | Infrastructure   | Task    | New    | Normal   | Reharvest all Records to build initial cache  | Robert Waltz   | 2015-01-13 15:56 | d1_log_aggregation |
| 3410 | Member Nodes     | Task    | New    | Normal   | Develop a Redmine Cheatsheet to help with a wider REDMine user community interacting with MN issues | John Cobb      | 2012-11-30 19:36 |                    |
| 2029 | Infrastructure   | Task    | New    | Normal   | Document VM specifications for replication MNs  | Dave Vieglais  | 2014-09-24 18:29 | Management         |
| 2018 | Infrastructure   | Task    | New    | Normal   | document DataONE CA operations procedures   | Matthew Jones  | 2012-04-23 17:53 | Support Operations |
| 2028 | Infrastructure   | Task    | New    | Normal   | Document VM specifications for CNs  | Dave Vieglais  | 2014-09-24 18:29 | Management         |
| 6761 | Infrastructure   | Task    | New    | Normal   | unregister extraneous nodes in STAGE-2  |                | 2015-01-14 00:49 | Environment.Stage2 |
| 3374 | Member Nodes     | Task    | New    | Normal   | Move kepler-library.org Metacat to new server   | Ben Leinfelder | 2012-11-08 00:31 |                    |
| 6399 | Infrastructure   | Task    | New    | Normal   | set up release practice for the MNWebTester .war  | Rob Nahf       | 2014-10-01 20:34 | MNWebChecker       |
| 6398 | Infrastructure   | Task    | New    | Normal   | update MNWebTest operations docs  | Rob Nahf       | 2014-10-01 20:34 | MNWebChecker       |
| 3373 | Infrastructure   | Task    | New    | Normal   | If id contains "/", the MNode.getSysteMetadata method fails.  |                | 2012-11-06 02:05 |                    |
| 3371 | Infrastructure   | Task    | New    | Normal   | unmarshalTypeFromFile method is using FileReader  |                | 2012-10-29 19:15 |                    |

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| #    | Project        | Tracker | Status | Priority | Subject   | Assignee       | Updated          | Category           |
|------|----------------|---------|--------|----------|---|----------------|------------------|--------------------|
| 3357 | Infrastructure | Task    | New    | Normal   | Address ISet iterator bug that only iterates over a subset of the ISet  | Ben Leinfelder | 2012-12-12 16:54 | Metacat            |
| 1983 | Infrastructure | Task    | New    | Normal   | UC04 describes MNCore.ping() with discovery capability  | Dave Vieglais  | 2014-10-02 17:21 | Documentation      |
| 6389 | Infrastructure | Task    | New    | Normal   | The version of com.googlecode.foresite-toolkit is 1.0-SNAPSHOT on the d1_libclient_java releases                |                | 2014-09-18 00:42 |                    |
| 6380 | Member Nodes   | Task    | New    | Normal   | ICMBIO: Initial Preparation   |                | 2015-11-19 17:21 |                    |
| 1986 | Infrastructure | Task    | New    | Normal   | Update UC04 to use correct CN method for determining if a PID exists  | Dave Vieglais  | 2014-10-02 17:21 | Documentation      |
| 6698 | Member Nodes   | Task    | New    | Normal   | FTGEN: Check Authentication and Authorization in Production   |                | 2014-12-04 20:07 |                    |
| 8742 | Member Nodes   | Task    | New    | Normal   | GMN upgrade from 2.4.1 to 3.2.0   | Roger Dahl     | 2018-11-13 19:14 |                    |
| 6376 | Infrastructure | Task    | New    | Normal   | test the new strategy against working<br>ReplicationManager test  | Rob Nahf       | 2016-06-22 16:53 | d1_replication     |
| 3328 | Infrastructure | Task    | New    | Normal   | Enable a data preview from the search results page  | Chris Jones    | 2012-10-23 19:34 | d1_mercury         |
| 1961 | Infrastructure | Task    | New    | Normal   | Types.ErrorMessage - does not exist   | Dave Vieglais  | 2014-10-02 17:21 | Documentation      |
| 6367 | Infrastructure | Task    | New    | Normal   | Update drive firmware on P2-1 UCSB SAN Array  | Nick Outin     | 2014-09-08 20:19 | Hardware           |
| 3315 | Infrastructure | Task    | New    | Normal   | CNRead.query() - POST in addition to GET  | Dave Vieglais  | 2014-10-02 17:21 | Documentation      |
| 8614 | Member Nodes   | Task    | New    | Normal   | BCO-DMO: testing the member node  | Matthew Jones  | 2018-06-13 15:48 |                    |
| 1890 | Infrastructure | Task    | New    | Normal   | Comply with Maven Central requirements for publishing artifacts   | Matthew Jones  | 2011-10-27 21:39 |                    |
| 6167 | Infrastructure | Task    | New    | Normal   | Docs for CNRead.search() say "SOLR" in capital but actual API expects "solr" in lower case                      | Dave Vieglais  | 2014-10-02 17:21 | Documentation      |
| 3313 | Infrastructure | Task    | New    | Normal   | Configure indexer to handle inline eml data   | Skye Roseboom  | 2012-10-08 21:01 | d1_indexer         |
| 6760 | Infrastructure | Task    | New    | Normal   | rename mnDemo9 node   |                | 2015-01-14 00:44 |                    |
| 6166 | Infrastructure | Task    | New    | Normal   | CNRead.getChecksum() returns Content-Type of text/csv while it should be an xml type                            | Chris Jones    | 2014-08-29 15:04 | d1_cn_service      |
| 1001 | Infrastructure | Task    | New    | Normal   | Link documentation living with projects into ArchitectureDocs   |                | 2010-10-21 14:55 |                    |
| 3308 | Infrastructure | Task    | New    | Normal   | Document the process for removing content contributed from a specific member node and/or the entire member node | Dave Vieglais  | 2014-03-14 18:29 | Support Operations |
| 995  | Infrastructure | Task    | New    | Normal   | implement JSON formatted OLLs   |                | 2010-10-25 16:45 |                    |
| 6168 | Infrastructure | Task    | New    | Normal   | CNAuthorization.setRightsHolder() returns 500<br>ServiceFailure   | Chris Jones    | 2014-08-29 16:01 | d1_cn_service      |
| 6250 | Infrastructure | Task    | New    | Normal   | CN methods return 500 ServiceFailure when called with bogus test data and without certificates                  | Chris Jones    | 2014-08-29 18:59 | d1_cn_service      |
| 3314 | Infrastructure | Task    | New    | Normal   | CNRead.getQueryEngineDescription() - REST URL   | Dave Vieglais  | 2014-10-02 17:21 | Documentation      |
| 3260 | Member Nodes   | Task    | New    | Normal   | Scope out the implementation of a CitSci.org MN   | Bruce Wilson   | 2012-09-20 20:51 |                    |

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| #    | Project                  | Tracker | Status | Priority | Subject  | Assignee             | Updated          | Category            |
|------|--------------------------|---------|--------|----------|--|----------------------|------------------|---------------------|
| 2791 | Infrastructure           | Task    | New    | Normal   | verify on dev machines   | Dave Vieglais        | 2012-05-21 17:41 | d1_cn_buildout      |
| 6048 | Member Nodes             | Task    | New    | Normal   | Fix 404 NotFound erros on the EDORA MN   | Jim Green            | 2014-11-24 14:57 |                     |
| 1808 | Infrastructure           | Task    | New    | Normal   | MNAuthorization.isAuthorized() -> assertAuthorized()   |                      | 2011-10-04 16:08 |                     |
| 5988 | Infrastructure           | Task    | New    | Normal   | Determine cause of Idap "server not responding" errors between prod CNs                              | Jing Tao             | 2014-07-22 23:18 | Hardware            |
| 1671 | Infrastructure           | Task    | New    | Normal   | Need folder for DUG, accessible by DUG members   | Matthew Jones        | 2011-07-12 12:09 | Support Operations  |
| 1073 | Infrastructure           | Task    | New    | Normal   | Design client application authentication redirection approach  | Matthew Jones        | 2014-10-01 20:47 | d1_identity_manager |
| 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 |                     |
| 1762 | Infrastructure           | Task    | New    | Normal   | Sketch CN components and associations  | Dave Vieglais        | 2014-10-02 17:40 |                     |
| 5884 | Member Nodes             | Task    | New    | Normal   | GBIF: Verify Science Metadata is returned with the correct HTTP Content-Type                         |                      | 2016-07-02 12:45 |                     |
| 8362 | Infrastructure           | Task    | New    | Normal   | Add the indication that the cn account list is sliced  |                      | 2018-02-12 17:48 |                     |
| 6699 | Member Nodes             | Task    | New    | Normal   | FTGEN: Mutual acceptance   |                      | 2014-12-04 20:07 |                     |
| 8344 | Testing MN<br>Management | Task    | New    | Normal   | MN Communications  |                      | 2018-02-22 19:47 |                     |
| 6394 | Infrastructure           | Task    | New    | Normal   | Resolve SSL certificate connection errors for UNM Epscor Tier 4 MN in development                    | Chris Jones          | 2014-09-18 18:39 | Support Operations  |
| 8341 | Testing MN<br>Management | Task    | New    | Normal   | Initial Communications   |                      | 2018-02-22 19:14 |                     |
| 6397 | Infrastructure           | Task    | New    | Normal   | test that it works from standalone .war  | Rob Nahf             | 2014-10-01 20:34 | MNWebChecker        |
| 1660 | Infrastructure           | Task    | New    | Normal   | Refactor REST calls so that mandatory args are part of the URL and optional args are key/value pairs |                      | 2011-06-28 21:35 |                     |
| 925  | Infrastructure           | Task    | New    | Normal   | Test for correct response to invalid input:<br>CCI.ITK.FUSE-client                                   |                      | 2011-10-31 20:32 | d1_client_ONEDrive  |
| 6478 | Infrastructure           | Task    | New    | Normal   | move mncheck VM to a different VMhost  | Dave Vieglais        | 2014-10-01 20:34 | MNWebChecker        |
| 6483 | Infrastructure           | Task    | New    | Normal   | DataONE xsede VM at ORC  | Michael<br>Campfield | 2014-10-24 10:54 |                     |
| 5865 | Member Nodes             | Task    | New    | Normal   | GBIF: Log record access  |                      | 2016-07-02 12:45 |                     |
| 5841 | Member Nodes             | Task    | New    | Normal   | GBIF: SSL Certificates   |                      | 2019-01-28 14:40 |                     |
| 3380 | Infrastructure           | Task    | New    | Normal   | Upgrade d1_client_hzpeek to Hazelcast 2.x  | Dave Vieglais        | 2012-12-12 16:50 |                     |
| 6511 | Java Client              | Task    | New    | Normal   | remove the deprecated MultipartRequestHandler class from d1_common_java                              | Rob Nahf             | 2015-02-11 20:04 | d1_common_java      |
| 8356 | Testing MN<br>Management | Task    | New    | Normal   | Formal Announcement  |                      | 2018-02-23 19:06 |                     |
| 3216 | Member Nodes             | Task    | New    | Normal   | Contact GEO BON for possible MN  | Matthew Jones        | 2012-09-05 03:29 |                     |

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| #    | Project                  | Tracker | Status | Priority | Subject  | Assignee | Updated          | Category |
|------|--------------------------|---------|--------|----------|--|----------|------------------|----------|
| 1651 | Infrastructure           | Task    | New    | Normal   | Update Metacat ResourceHandler to field the PUT call on /formats/fmtid |          | 2016-06-22 16:51 |          |
| 8464 | Testing MN<br>Management | Task    | New    | Normal   | test: Metadata Validation  |          | 2018-03-01 21:04 |          |
| 8353 | Testing MN<br>Management | Task    | New    | Normal   | Implement in Production  |          | 2018-02-08 15:29 |          |
| 8355 | Testing MN<br>Management | Task    | New    | Normal   | Mutual Acceptance  |          | 2018-02-08 15:28 |          |

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