

Issues

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Category |
|------|----------------|---------|-------------|----------|---|----------------|------------------|--------------------------|
| 7667 | CN Index | Task | Closed | Normal | Indexing of URL-like identifiers fails | Chris Jones | 2016-03-14 15:39 | d1_cn_index_processor |
| 7545 | CN REST | Task | Closed | Normal | Secure test service passwords in LDAP configuration | Ben Leinfelder | 2015-12-23 18:08 | |
| 6798 | CN REST | Task | Closed | Normal | CN Synchronization calls v2 endpoints against v1 Member Nodes | Ben Leinfelder | 2015-05-21 19:09 | d1_synchronization |
| 8776 | CN REST | Task | New | Normal | Set valid replica status to completed | Chris Jones | 2019-03-12 15:57 | d1_replication_auditor |
| 8859 | CN REST | Task | Closed | Normal | Modify portal component to reload cached certificates when renewed on disk | Chris Jones | 2020-03-26 14:36 | d1_portal |
| 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 |
| 8617 | CN REST | Task | Closed | Normal | Fix CN to CN replication in Stage | Chris Jones | 2018-06-17 16:33 | |
| 8778 | CN REST | Task | New | Normal | Ensure SystemMetadata replica auditing updates are saved and broadcast | Chris Jones | 2019-03-12 16:54 | d1_replication_auditor |
| 8756 | CN REST | Story | New | Normal | Ensure replica auditor is effective | Chris Jones | 2019-01-15 21:00 | d1_replication_auditor |
| 8777 | CN REST | Task | New | Normal | Configure CN to audit objects greater than 1GB | Chris Jones | 2019-03-13 20:50 | d1_replication_auditor |
| 8749 | CN REST | Story | New | Normal | Fix log aggregation events from the CN without associated CN IPs | Dave Vieglaiss | 2019-05-01 22:25 | |
| 8864 | CN REST | Story | New | Normal | Synchronization does not register authoritative replica entry correctly | Jing Tao | 2020-06-19 21:59 | d1_synchronization |
| 8582 | CN REST | Story | New | Normal | Replica Auditing service is throwing errors | Jing Tao | 2019-01-14 16:40 | d1_replication_auditor |
| 8733 | CN REST | Bug | New | Normal | Exception handling in ForesiteResourceMap needs improvement | Jing Tao | 2018-10-12 20:09 | d1_cn_index_processor |
| 7857 | CN REST | Bug | Closed | Normal | CnIdentityLDAPImpl.createGroup() allows non-existent uniqueMember, disabling the service entirely | Jing Tao | 2017-03-28 23:12 | d1_identity_manager |
| 7391 | CN REST | Bug | Closed | High | Synchronization and replica updates fail after MN.updateSystemMetadata() | Rob Nahf | 2016-01-05 18:48 | d1_synchronization |
| 7604 | CN REST | Bug | Closed | Normal | Investigate stack overflow exception in SessionAuthorizationFilterStrategy | Robert Waltz | 2016-01-29 20:24 | d1_identity_manager |
| 7911 | CN REST | Task | New | Normal | Synchronization allows invalid checksums, preventing corrected sync | | 2016-10-17 15:58 | d1_synchronization |
| 8364 | CN REST | Story | In Progress | Normal | Ensure portal uses correct X509 certificates | | 2019-05-21 12:57 | d1_portal_servlet |
| 7573 | DataONE API | Task | Closed | Normal | Fix incorrect description of MNStorage.create() object parameter | Dave Vieglaiss | 2016-03-25 02:22 | api_documentation |
| 1644 | DataONE API | Story | New | Normal | Develop an object format creation policy | | 2018-01-17 20:46 | |
| 2592 | Infrastructure | Task | Closed | Normal | Prepare d1_client_cli for distribution for the workshop | Andrew Pippin | 2012-04-13 00:50 | d1_client_cli |
| 7333 | Infrastructure | Task | Closed | Normal | Upgrade DEV2 Metacat MNs to V2 | Ben Leinfelder | 2015-09-11 00:28 | Environment.Development2 |
| 3829 | Infrastructure | Task | Closed | Normal | Update the cn_rest_service branch (v1.1) for a CN 1.2 release | Ben Leinfelder | 2013-06-26 18:25 | d1_cn_service |
| 2834 | Infrastructure | Task | Closed | Normal | Switch to SHA-1 for checksum generation | Ben Leinfelder | 2012-06-01 04:05 | Metacat |

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|------|----------------|---------|-------------|----------|--|----------------|------------------|------------------------|
| 3885 | Infrastructure | Task | Closed | Normal | Stub out the client-side code for the dashboard application | Ben Leinfelder | 2014-03-31 17:41 | d1_dashboard |
| 2626 | Infrastructure | Task | Closed | Normal | Secure CILogon postgresql communication | Ben Leinfelder | 2012-04-25 18:55 | d1_portal_servlet |
| 3117 | Infrastructure | Task | Closed | Normal | Reduce Hazelcast.init() startup time for populating hzSystemMetadata | Ben Leinfelder | 2012-08-07 15:05 | Metacat |
| 3888 | Infrastructure | Task | Closed | Normal | Pull CN data into the dashboard in the D1NodeList collection | Ben Leinfelder | 2014-03-31 17:41 | d1_dashboard |
| 3352 | Infrastructure | Story | Closed | Normal | Production CNs are out of sync in object count | Ben Leinfelder | 2013-03-01 18:32 | Environment.Production |
| 2623 | Infrastructure | Task | Closed | Normal | Modify Metacat's MNodeService.replicate() to queue requests | Ben Leinfelder | 2012-04-24 18:00 | Metacat |
| 2417 | Infrastructure | Task | Closed | Normal | Modify dataone-cn-portal debian scripts to be aware of the deployed environment and install status | Ben Leinfelder | 2012-03-01 22:10 | d1_cn_buildout |
| 1999 | Infrastructure | Task | Closed | Normal | Metacat needs to handle system metadata change notifications | Ben Leinfelder | 2011-11-23 19:59 | Metacat |
| 3116 | Infrastructure | Task | Closed | High | Metacat CN startup and initialization time needs to be reduced an order of magnitude | Ben Leinfelder | 2012-08-14 23:53 | Metacat |
| 3030 | Infrastructure | Task | Closed | Normal | Fix Metacat's DataONE configuration to set the correct base URL | Ben Leinfelder | 2012-07-02 23:53 | Metacat |
| 7332 | Infrastructure | Task | Closed | Normal | Fix dataone-cn-os-core postinst to really remove Bouncy Castle jars | Ben Leinfelder | 2015-09-09 22:53 | d1_cn_buildout |
| 3827 | Infrastructure | Task | Closed | Normal | Deploy the CN 1.2 components to the stage environment | Ben Leinfelder | 2013-07-02 23:44 | |
| 3828 | Infrastructure | Task | Closed | Normal | Deploy the CN 1.2 components to the production environment | Ben Leinfelder | 2013-07-06 04:15 | |
| 3823 | Infrastructure | Task | Closed | Normal | Create d1_cn_portal tag for 1.2 release | Ben Leinfelder | 2013-07-01 22:28 | d1_portal_servlet |
| 3826 | Infrastructure | Task | Closed | Normal | Create a d1_cn_portal branch for a CN 1.2 release | Ben Leinfelder | 2013-06-24 22:54 | d1_portal_servlet |
| 3830 | Infrastructure | Task | Closed | Normal | Create a cn_rest_service tag for a CN 1.2 release | Ben Leinfelder | 2013-07-01 22:30 | d1_cn_service |
| 1785 | Infrastructure | Task | Rejected | Normal | CN SystemMetadata synchronization when an offline CN comes online | Ben Leinfelder | 2012-01-03 16:55 | Metacat |
| 3612 | Infrastructure | Task | New | Normal | CN SystemMetadata has incomplete obsoletedBy information | Ben Leinfelder | 2013-03-08 17:43 | Environment.Production |
| 2928 | Infrastructure | Task | Closed | Normal | Change dataone-cn-portal postinst to open 5432 to each CN | Ben Leinfelder | 2012-06-15 16:09 | d1_cn_buildout |
| 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 |
| 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 |
| 3580 | Infrastructure | Task | Closed | High | LDAP replication fails from cn-stage-unm-2 to cn-stage-orc-2 | Chris Brumgard | 2013-02-25 17:21 | Support Operations |
| 3483 | Infrastructure | Task | Closed | High | Increase available physical volumes on cn-stage-orc-1.test.dataone.org | Chris Brumgard | 2013-01-16 07:21 | Support Operations |
| 3486 | Infrastructure | Task | Closed | High | Increase available physical volumes on cn-orc-1.dataone.org | Chris Brumgard | 2013-01-16 07:19 | Support Operations |
| 3479 | Infrastructure | Task | Closed | Normal | Improve ONEDrive usability by installing via a Python egg | Chris Brumgard | 2013-10-01 19:51 | d1_client_ONEDrive |
| 4146 | Infrastructure | Task | Closed | Normal | Fix the Distribution map title popover | Chris Brumgard | 2014-03-31 17:41 | d1_dashboard |
| 4138 | Infrastructure | Task | Closed | Normal | Fix the distribution map refresh center | Chris Brumgard | 2014-03-31 17:41 | d1_dashboard |
| 4145 | Infrastructure | Task | Closed | Normal | Fix map clustered counts on map refresh | Chris Brumgard | 2014-03-31 17:41 | d1_dashboard |

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| 3825 | Infrastructure | Task | Rejected | Normal | Create a d1_ansible tag for the CN 1.2.1 release | Chris Brumgard | 2013-09-12 20:04 | d1_cn_buildout |
| 4106 | Infrastructure | Task | Closed | Normal | Configure PostgreSQL memory on the CNs to accommodate large getLogRecords() calls | Chris Brumgard | 2013-11-05 21:02 | d1_cn_buildout |
| 3806 | Infrastructure | Task | Closed | Normal | Add xmlstarlet to base CN Ansible install | Chris Brumgard | 2013-06-17 16:12 | d1_cn_buildout |
| 3909 | Infrastructure | Task | Closed | Normal | Add ansible.dataone.org localadmin password to ProductionPW.txt.gpg | Chris Brumgard | 2013-10-01 19:51 | Support Operations |
| 1464 | Infrastructure | Task | Closed | Normal | Write unit tests for listFormats() and getFormat() | Chris Jones | 2011-06-15 14:52 | d1_libclient_java |
| 2179 | Infrastructure | Task | Closed | Normal | Use REST API calls from d1_replication for storage cluster writes | Chris Jones | 2012-01-10 15:51 | d1_replication |
| 2178 | Infrastructure | Task | Rejected | Normal | Use Lock.tryLock() (not Lock.lock()) in Metacat | Chris Jones | 2012-01-17 18:04 | Metacat |
| 2177 | Infrastructure | Task | Closed | Normal | Use Lock.tryLock() (not Lock.lock()) in d1_replication | Chris Jones | 2012-01-20 14:05 | d1_replication |
| 1786 | Infrastructure | Task | Rejected | Normal | Use Hazelcast ExecutorService to update remote CN Metacat Science Metadata | Chris Jones | 2012-01-03 16:54 | |
| 3379 | Infrastructure | Task | Closed | Normal | Upgrade metacat to Hazelcast 2.x | Chris Jones | 2013-01-08 00:04 | Metacat |
| 7596 | Infrastructure | Task | Closed | Normal | Update the ProvONE namespace used in the RdfXmlSubprocessor | Chris Jones | 2016-02-01 22:42 | d1_indexer |
| 6843 | Infrastructure | Task | In Progress | Normal | Update the prov instance of the RdfXmlSubprocessor to index renamed and inverse provenance properties | Chris Jones | 2017-03-28 16:16 | d1_indexer |
| 1661 | Infrastructure | Task | Closed | Normal | Update Metacat MNodeService.synchronizationFailed() with CN URL | Chris Jones | 2011-07-29 15:20 | Metacat |
| 2404 | Infrastructure | Task | Rejected | Normal | Update metacat MN crontab entry syntax to not use "0/3" in the minutes field | Chris Jones | 2012-02-24 19:43 | Metacat |
| 1993 | Infrastructure | Task | Closed | Normal | Update Metacat implementation to support serialVersion additions | Chris Jones | 2011-11-03 14:22 | Metacat |
| 1995 | Infrastructure | Task | Closed | Normal | Update Metacat auth implementation to support serialVersion additions | Chris Jones | 2011-11-03 14:37 | Metacat |
| 3403 | Infrastructure | Task | Closed | Normal | Update dataone-cn-metacat to increase postgresql connections limit | Chris Jones | 2012-11-21 04:58 | |
| 1994 | Infrastructure | Task | Closed | Normal | Update CNReplication proxy classes to support serialVersion additions | Chris Jones | 2011-11-03 20:09 | d1_cn_service |
| 1991 | Infrastructure | Task | Closed | Normal | Update CNReplication and CNAuthorization interfaces with serialVersion change | Chris Jones | 2011-11-02 22:54 | |
| 2311 | Infrastructure | Task | Closed | Normal | Update cn-buildout with new urn-style node ids | Chris Jones | 2012-02-08 23:34 | |
| 1996 | Infrastructure | Task | Closed | Normal | Update CNAuthorization proxy classes to support serialVersion additions | Chris Jones | 2011-11-03 20:10 | d1_cn_service |
| 2490 | Infrastructure | Task | Closed | Normal | ReplicationManagers on 3 CNs should only create one task per replica node | Chris Jones | 2012-03-19 15:04 | d1_replication |
| 1454 | Infrastructure | Task | Closed | Normal | Replicate state changes in the object format list across CNs | Chris Jones | 2011-06-03 14:49 | d1_cn_service |

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| 1452 | Infrastructure | Task | Closed | Normal | Replace ObjectFormat calls with ObjectFormatService calls in Metacat | Chris Jones | 2011-05-27 15:48 | Metacat |
| 3822 | Infrastructure | Story | Closed | Normal | Release CN 1.2 Features | Chris Jones | 2013-07-12 15:46 | Environment.Production |
| 4193 | Infrastructure | Story | Closed | Normal | Release CCI 1.2.4 Features | Chris Jones | 2014-01-06 18:46 | |
| 4025 | Infrastructure | Story | Closed | Normal | Release CCI 1.2.3 Features | Chris Jones | 2014-01-06 18:21 | Environment.Development |
| 3864 | Infrastructure | Task | In Progress | Normal | Release CCI 1.2.1 Features | Chris Jones | 2013-09-12 20:04 | Environment.Production |
| 1652 | Infrastructure | Story | Closed | Normal | Refactor Metacat MN and CN classes to reflect 0.6.2 API | Chris Jones | 2011-09-01 15:33 | |
| 4234 | Infrastructure | Task | Closed | Normal | Refactor Metacat DAO to use bulk data transfer calls | Chris Jones | 2014-07-30 20:26 | d1_replication_auditor |
| 2208 | Infrastructure | Task | Closed | Normal | Reconcile the difference between count returned by CN.listObjects() and hzSystemMetadata.size() | Chris Jones | 2012-01-12 17:25 | Metacat |
| 3952 | Infrastructure | Task | Closed | Normal | Query Redmine for MN locations | Chris Jones | 2014-03-31 17:41 | |
| 2859 | Infrastructure | Story | Closed | Normal | Production environment passwords and configuration need to be secured | Chris Jones | 2012-09-04 21:45 | Support Operations |
| 3659 | Infrastructure | Task | Closed | Normal | Production CNs aren't replicating the updated object format list | Chris Jones | 2013-03-15 23:33 | Support Operations |
| 2590 | Infrastructure | Task | Closed | Normal | Prepare a Metacat MN distribution for the workshop | Chris Jones | 2012-04-20 15:19 | Metacat |
| 2588 | Infrastructure | Story | Closed | Normal | Preparations for USGS workshop 04/2012 | Chris Jones | 2012-05-17 17:10 | |
| 7321 | Infrastructure | Task | Closed | Normal | Populate DEV2 MNs with real-world test data | Chris Jones | 2015-08-27 21:48 | Environment.Development2 |
| 4233 | Infrastructure | Task | Closed | Normal | Persist the Merged System Metadata | Chris Jones | 2014-07-30 20:25 | d1_replication_auditor |
| 2923 | Infrastructure | Story | Closed | Normal | Per environment firewall configurations need to be fixed | Chris Jones | 2012-06-19 05:31 | d1_cn_buildout |
| 3417 | Infrastructure | Story | Closed | Normal | Orphaned MN content needs to be migrated to a new MN when possible | Chris Jones | 2013-01-14 16:36 | |
| 3262 | Infrastructure | Story | Closed | Normal | Object provenance needs to be supported across components | Chris Jones | 2018-01-17 20:27 | |
| 3087 | Infrastructure | Task | Closed | Normal | Non-productions servers need to migrate to new commercial certificates | Chris Jones | 2012-08-08 15:20 | Support Operations |
| 3508 | Infrastructure | Story | Rejected | Normal | Non-production nodes should all use client certificates signed by the DataONE Test intermediate CA | Chris Jones | 2018-01-17 20:24 | Support Operations |
| 2896 | Infrastructure | Task | New | Normal | Modify the admin DN in createObjectformat script per environment | Chris Jones | 2012-10-05 14:23 | d1_cn_buildout |
| 2624 | Infrastructure | Task | Closed | Normal | Modify ReplicationManager.createAndQueueTasks() to limit replication tasks based on current MN load | Chris Jones | 2012-05-21 16:21 | d1_replication |
| 2126 | Infrastructure | Task | Closed | Normal | Modify Metacat's MNodeService.replicate() to check for the replica existence | Chris Jones | 2012-01-03 16:57 | Metacat |
| 2346 | Infrastructure | Task | Closed | Normal | Modify dataone-cn-metacat debian scripts to be aware of the deployed environment and install status | Chris Jones | 2012-03-26 16:50 | Metacat |
| 4125 | Infrastructure | Task | New | Normal | Mock up an informational section of the Member Node detail view | Chris Jones | 2014-03-31 17:41 | d1_dashboard |
| 1843 | Infrastructure | Story | Closed | Normal | MN to MN replication needs to be tested | Chris Jones | 2011-11-22 17:43 | d1_integration |

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| 2499 | Infrastructure | Task | Closed | Normal | MN.synchronizationFailed() should only be called by a CN | Chris Jones | 2012-03-16 18:42 | Metacat |
| 3420 | Infrastructure | Task | Closed | Normal | Migrate mnStageLTER content from the CN to a new MN | Chris Jones | 2013-01-14 16:36 | |
| 2759 | Infrastructure | Story | Rejected | Normal | Metacat should only parse XML documents against local schema files | Chris Jones | 2012-10-05 15:15 | Metacat |
| 2476 | Infrastructure | Task | Closed | Normal | Metacat should handle "empty" failure strings correctly for CNReplication.setReplicationStatus() | Chris Jones | 2012-03-19 15:14 | Metacat |
| 2255 | Infrastructure | Story | Closed | Normal | Metacat fails to register a node via the D1Admin class | Chris Jones | 2012-01-23 23:12 | Metacat |
| 4210 | Infrastructure | Task | Testing | Immediate | Metacat does not set serialVersion correctly in CNodeService archive() or delete() | Chris Jones | 2013-12-20 16:12 | Metacat |
| 1845 | Infrastructure | Task | Closed | Normal | Manually test MN to MN replication | Chris Jones | 2011-11-22 17:42 | d1_integration |
| 4136 | Infrastructure | Task | In Progress | Normal | Make cosmetic changes to the distribution map | Chris Jones | 2014-03-31 17:41 | d1_dashboard |
| 3474 | Infrastructure | Story | Rejected | Normal | Maintain consistency across CN hazelcast backing datastores | Chris Jones | 2014-04-04 04:20 | performance-scalability |
| 3887 | Infrastructure | Task | Closed | Normal | Layout the D1NodeView template | Chris Jones | 2014-03-31 17:41 | d1_dashboard |
| 3511 | Infrastructure | Task | New | Normal | Issue certificates from D1TestIntCA for stage environment nodes, and revoke certificates signed by D1TestCA | Chris Jones | 2014-09-24 18:25 | Support Operations |
| 3510 | Infrastructure | Task | New | Normal | Issue certificates from D1TestIntCA for sandbox environment nodes, and revoke certificates signed by D1TestCA | Chris Jones | 2014-09-24 18:25 | Support Operations |
| 3509 | Infrastructure | Task | New | Normal | Issue certificates from D1TestIntCA for dev environment nodes, and revoke certificates signed by D1TestCA | Chris Jones | 2014-09-24 18:25 | Support Operations |
| 7290 | Infrastructure | Task | Closed | Normal | Install MN software on DEV2 environment VMs | Chris Jones | 2015-08-27 21:42 | Environment.Development2 |
| 7263 | Infrastructure | Task | Closed | Normal | Install CCI 1.5.x on cn-dev-ucsb-2 and cn-dev-unm-2 | Chris Jones | 2015-07-26 22:33 | Environment.Development2 |
| 3175 | Infrastructure | Task | New | Normal | Include dataoneTypes.xsd in Metacat registered schemas | Chris Jones | 2012-10-05 14:23 | Metacat |
| 1841 | Infrastructure | Task | Closed | Normal | Implement the ProxyCNReplicationService interface for Metacat | Chris Jones | 2011-10-12 00:00 | d1_cn_service |
| 4223 | Infrastructure | Task | Closed | Normal | Implement the Metacat DAO layer for accessing/updating systemmetadata | Chris Jones | 2014-07-30 03:24 | d1_replication_auditor |
| 3946 | Infrastructure | Task | Closed | Normal | Implement the Maps View, Model, and Collections in the Dashboard | Chris Jones | 2014-03-31 17:41 | d1_dashboard |
| 1720 | Infrastructure | Task | Closed | Normal | Implement the Hazelcast Map[Store Loader] interface for the replication task queue | Chris Jones | 2011-09-07 20:21 | |
| 1778 | Infrastructure | Task | Closed | Normal | Implement setReplicationPolicy() in CN service | Chris Jones | 2011-10-10 16:37 | |
| 3037 | Infrastructure | Task | Closed | Normal | Implement full expunge in Metacat | Chris Jones | 2012-07-16 18:16 | Metacat |
| 1784 | Infrastructure | Task | Rejected | Normal | Implement CNReplication in Metacat's CNodeService using Hazelcast | Chris Jones | 2012-01-03 16:46 | d1_replication |
| 3375 | Infrastructure | Story | Closed | Normal | Hazelcast should be upgraded to version 2.X for stability | Chris Jones | 2013-01-08 18:29 | performance-scalability |
| 2166 | Infrastructure | Story | Closed | Normal | Hazelcast cluster errors need to be isolated | Chris Jones | 2012-01-20 14:10 | d1_cn_service |
| 2992 | Infrastructure | Story | Closed | Normal | Generation of slapd configuration may cause LDAP replication trouble | Chris Jones | 2012-07-26 18:40 | d1_cn_buildout |

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| 3407 | Infrastructure | Task | Closed | Normal | Fix indexing conflicts on CNs that cause Metacat systemmetadata tables get out of sync | Chris Jones | 2013-01-08 00:06 | Metacat |
| 5137 | Infrastructure | Task | New | Normal | Fix DataONE CA chain file location in cn-buildout | Chris Jones | 2014-04-25 15:06 | d1_cn_buildout |
| 2494 | Infrastructure | Task | Closed | Normal | Fix CNReplication.setReplicationStatus() admin authorization | Chris Jones | 2012-03-19 14:46 | Metacat |
| 2491 | Infrastructure | Task | Closed | Normal | Evaluate ReplicationManager.createAndQueueTasks() for locking problems | Chris Jones | 2012-03-19 15:03 | d1_replication |
| 4213 | Infrastructure | Task | Closed | Normal | Evaluate deleted identifiers on each CN | Chris Jones | 2014-03-14 17:43 | Metacat |
| 4184 | Infrastructure | Task | Closed | Urgent | Evaluate CN to CN access policy inconsistencies | Chris Jones | 2014-03-14 17:43 | Environment.Production |
| 2176 | Infrastructure | Task | Closed | Normal | Ensure Metacat doesn't insert null SystemMetadata into Hazelcast | Chris Jones | 2012-01-10 18:05 | Metacat |
| 2434 | Infrastructure | Task | Closed | Low | Ensure log rotation is reasonable for tomcat on MNs | Chris Jones | 2012-04-20 15:30 | Metacat |
| 3616 | Infrastructure | Task | New | Normal | Enable ServiceMethodRestriction support in Metacat | Chris Jones | 2013-02-27 16:28 | Metacat |
| 4079 | Infrastructure | Task | Closed | Normal | Enable CORS support for the production CNs | Chris Jones | 2014-03-31 17:41 | d1_cn_buildout |
| 1836 | Infrastructure | Story | Closed | Normal | Enable CN Replication REST web service handling | Chris Jones | 2011-10-25 23:13 | d1_cn_service |
| 4235 | Infrastructure | Task | Closed | Normal | Enable bulk read of system metadata from all 3 CNs | Chris Jones | 2014-07-30 20:26 | d1_replication_auditor |
| 3328 | Infrastructure | Task | New | Normal | Enable a data preview from the search results page | Chris Jones | 2012-10-23 19:34 | d1_mercury |
| 7288 | Infrastructure | Task | Closed | Normal | Disable insecure SSL communication on VMs | Chris Jones | 2015-08-20 15:56 | Support Operations |
| 2338 | Infrastructure | Task | Closed | Normal | Deploy the CN stack on cn-sandbox-unm-1.dataone.org | Chris Jones | 2012-02-29 16:14 | |
| 2337 | Infrastructure | Task | Closed | Normal | Deploy the CN stack on cn-sandbox-ucsb-1.dataone.org | Chris Jones | 2012-02-29 16:12 | |
| 2336 | Infrastructure | Task | Closed | Normal | Deploy the CN stack on cn-sandbox-orc-1.dataone.org | Chris Jones | 2012-02-29 16:12 | |
| 6038 | Infrastructure | Story | Closed | Normal | DataONE API version 2 needs to be supported | Chris Jones | 2015-06-01 14:27 | |
| 2622 | Infrastructure | Story | Closed | Normal | d1_replication should prioritize MN replication tasks based on load, failures, and bandwidth factors | Chris Jones | 2012-05-21 16:22 | d1_replication |
| 1783 | Infrastructure | Task | Closed | Normal | Create the ReplicationManager class to manage MN ReplicationTasks | Chris Jones | 2012-01-03 16:48 | d1_replication |
| 1653 | Infrastructure | Task | Closed | Normal | Create Metacat MN impl classes | Chris Jones | 2011-09-01 15:33 | |
| 1654 | Infrastructure | Task | Closed | Normal | Create Metacat CN impl classes | Chris Jones | 2011-07-11 18:20 | |
| 1718 | Infrastructure | Task | Closed | Normal | Create Hazelcast replication configuration that uses TCP vs multicast | Chris Jones | 2011-09-07 20:17 | |
| 3522 | Infrastructure | Task | Closed | Normal | Create DNS entries for replica nodes | Chris Jones | 2013-02-21 18:43 | Environment.Production |
| 7261 | Infrastructure | Task | Closed | Normal | Create DEV2 VMs at UNM | Chris Jones | 2015-07-17 02:34 | Support Operations |
| 1840 | Infrastructure | Task | Closed | Normal | Create a proxy interface for CNReplication implementations | Chris Jones | 2011-10-10 20:51 | d1_cn_service |
| 3418 | Infrastructure | Task | Closed | Normal | Create a content migration tool to copy content from the CN to an MN | Chris Jones | 2013-01-14 16:34 | |
| 1788 | Infrastructure | Task | Closed | Normal | Create a CNReplication tier 4 integration test | Chris Jones | 2012-01-03 16:49 | d1_integration |

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| 1839 | Infrastructure | Task | Closed | Normal | Create a CNreplication servlet configuration file in CN Rest Service | Chris Jones | 2011-10-11 05:31 | d1_cn_service |
| 1844 | Infrastructure | Task | Closed | Normal | Create a CNReplication integration test | Chris Jones | 2011-10-10 21:11 | d1_integration |
| 1842 | Infrastructure | Task | Closed | Normal | Create a CNReplicationController for proxying replication requests | Chris Jones | 2011-10-11 05:21 | d1_cn_service |
| 1787 | Infrastructure | Task | Rejected | Normal | Create a callable CNReplicationTask class for remote execution | Chris Jones | 2012-01-03 16:52 | Metacat |
| 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 |
| 2180 | Infrastructure | Task | Closed | Normal | Coordinate d1_replication locks in the process cluster | Chris Jones | 2012-01-10 15:54 | d1_replication |
| 7335 | Infrastructure | Task | Closed | Normal | Confirm that unlimited strength Java encryption policies are installed via Ubuntu | Chris Jones | 2015-09-08 23:12 | Environment.Development2 |
| 2347 | Infrastructure | Task | Closed | Normal | Configure the CN Sandbox portal correctly | Chris Jones | 2012-02-27 14:43 | d1_identity_manager |
| 4230 | Infrastructure | Story | Closed | High | CN System Metadata needs tidying | Chris Jones | 2014-07-30 20:26 | d1_replication_auditor |
| 2507 | Infrastructure | Task | Closed | High | CN synchronization should handle system metadata with existing obsoletes/obsoletedBy fields | Chris Jones | 2012-03-20 01:15 | Metacat |
| 2335 | Infrastructure | Story | Closed | Normal | cn-sandbox environment needs deployment and testing for RC2 | Chris Jones | 2012-02-29 16:20 | |
| 1846 | Infrastructure | Story | Rejected | Normal | CNReplication proxy classes need tests | Chris Jones | 2014-10-02 17:44 | d1_cn_service |
| 1978 | Infrastructure | Story | Closed | Normal | CNReplication interface is missing updateReplicationMetadata() | Chris Jones | 2011-11-02 22:05 | d1_common_java |
| 1782 | Infrastructure | Task | Closed | Normal | CN Replication components should be separated for scalability | Chris Jones | 2012-01-03 16:55 | d1_replication |
| 2862 | Infrastructure | Task | Closed | Normal | Change the Metacat postinst script to use a per-env admin DN | Chris Jones | 2012-08-31 04:01 | Metacat |
| 3743 | Infrastructure | Task | Closed | Normal | Change system metadata design documents to reflect MN authority | Chris Jones | 2015-05-28 18:06 | Documentation |
| 3094 | Infrastructure | Task | Closed | Normal | Change hostnames for stage and sandbox hosts | Chris Jones | 2012-07-23 15:00 | Support Operations |
| 3095 | Infrastructure | Task | Closed | Normal | Change hostnames for development hosts | Chris Jones | 2012-08-08 15:14 | Support Operations |
| 5136 | Infrastructure | Task | New | Normal | Change DNS settings on all DataONE VMs | Chris Jones | 2014-05-08 03:16 | Environment.Production |
| 3089 | Infrastructure | Task | Closed | Normal | Change dataone-cn-os-core configuration scripts to reflect DNS changes | Chris Jones | 2012-07-19 21:19 | Support Operations |
| 4465 | Infrastructure | Story | Closed | Normal | CCI 1.2.5 Feature Release | Chris Jones | 2014-03-31 18:19 | |
| 4466 | Infrastructure | Story | Closed | Normal | Base VM operating systems and software need to be upgraded | Chris Jones | 2014-07-18 03:28 | Environment.Production |
| 7561 | Infrastructure | Task | Closed | Normal | Apply the search.dataone.org redirect in dataone-cn-os-core | Chris Jones | 2015-12-18 22:41 | d1_cn_buildout |
| 2607 | Infrastructure | Task | Closed | High | Allow replica MNs access to system metadata of replica objects | Chris Jones | 2012-04-20 15:18 | Metacat |
| 3036 | Infrastructure | Story | Closed | Normal | Administrative expunge of an object and its replicas needs to be enabled | Chris Jones | 2012-07-30 21:39 | Metacat |
| 7259 | Infrastructure | Story | Closed | Normal | A DEV2 development environment is needed for upgrade testing | Chris Jones | 2015-09-22 17:54 | Environment.Development2 |
| 7262 | Infrastructure | Task | Closed | Normal | Add the DEV2 VMs to the Debian environment configuration | Chris Jones | 2015-07-22 15:26 | Environment.Development2 |
| 7317 | Infrastructure | Task | Closed | Normal | Add the BagIt file Packaging format to the object format list | Chris Jones | 2015-08-28 22:07 | d1_cn_buildout |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Category |
|------|----------------|---------|-------------|----------|--|-------------|------------------|--------------------------|
| 6350 | Infrastructure | Task | Closed | Normal | Add support for Qualified Dublin Core metadata to the Metacat schema catalog in each environment | Chris Jones | 2014-09-11 16:00 | Environment.Production |
| 3745 | Infrastructure | Task | Rejected | Normal | Add Replica version attribute | Chris Jones | 2015-06-12 16:11 | |
| 3744 | Infrastructure | Task | Closed | Normal | Add MN API calls to update system metadata | Chris Jones | 2015-05-28 18:03 | Architecture Design |
| 1643 | Infrastructure | Task | Closed | Normal | Add 'isScienceMetadata' field to the ObjectFormat type | Chris Jones | 2011-06-13 23:39 | |
| 3899 | Infrastructure | Task | Closed | Normal | Add DataONE totals in the Summary View | Chris Jones | 2014-03-31 17:41 | d1_dashboard |
| 1838 | Infrastructure | Task | Closed | Normal | Add CNreplication filter properties to CN Rest Service | Chris Jones | 2011-10-11 01:32 | d1_cn_service |
| 7269 | Infrastructure | Task | Closed | Normal | Add CN node LDAP entries for the DEV2 environment CNs | Chris Jones | 2015-07-24 17:41 | Environment.Development2 |
| 3746 | Infrastructure | Task | Rejected | Normal | Add CNCORE.systemMetadataChanged() call | Chris Jones | 2016-03-25 01:00 | |
| 7272 | Infrastructure | Task | Closed | Normal | Add apparmor-utils to the dataone-cn-os-core dependency list for version 1.x | Chris Jones | 2015-07-23 23:19 | d1_cn_buildout |
| 7271 | Infrastructure | Task | Closed | Normal | Add apparmor-utils to the dataone-cn-os-core dependency list | Chris Jones | 2015-07-23 22:35 | d1_cn_buildout |
| 2140 | Infrastructure | Task | Closed | Normal | Add a NodeReplicationPolicy type | Chris Jones | 2011-12-13 08:16 | Documentation |
| 1451 | Infrastructure | Task | Closed | Normal | Add an object format service to Metacat | Chris Jones | 2011-06-03 14:47 | d1_cn_service |
| 1593 | Infrastructure | Task | Closed | Normal | Add an ObjectFormatDisk Cache to d1_common_java | Chris Jones | 2011-05-25 19:36 | d1_common_java |
| 1594 | Infrastructure | Task | Closed | Normal | Add an ObjectFormatCache to d1_libclient_java | Chris Jones | 2011-05-27 15:31 | d1_libclient_java |
| 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 |
| 1837 | Infrastructure | Task | Closed | Normal | Add a CNreplication servlet to the CN Rest Service web.xml | Chris Jones | 2011-10-11 05:32 | d1_cn_service |
| 3381 | Infrastructure | Task | Closed | Normal | Upgrade replicationstatusmonitor to Hazelcast 2.x | Dave Viegla | 2013-01-08 18:29 | |
| 3380 | Infrastructure | Task | New | Normal | Upgrade d1_client_hzpeek to Hazelcast 2.x | Dave Viegla | 2012-12-12 16:50 | |
| 2593 | Infrastructure | Task | New | Normal | Prepare science data and metadata content for the workshop | Dave Viegla | 2012-04-09 22:52 | |
| 3271 | Infrastructure | Task | Closed | Normal | Modify architecture docs to include MN Query API methods | Dave Viegla | 2012-10-25 15:10 | Documentation |
| 3270 | Infrastructure | Task | Closed | Normal | Modify architecture docs to include CN Query API methods | Dave Viegla | 2012-10-25 15:10 | Documentation |
| 6040 | Infrastructure | Task | Rejected | Normal | Migrate content on dev-testing to jenkins | Dave Viegla | 2014-10-01 15:37 | Support Operations |
| 3729 | Infrastructure | Story | Closed | High | Member Nodes should be the authoritative source of System Metadata | Dave Viegla | 2016-03-25 01:14 | Documentation |
| 3512 | Infrastructure | Task | New | Normal | Issue production client certificates for mn-{ucsb orc unm}-2.dataone.org replica target nodes | Dave Viegla | 2013-01-23 16:34 | Environment.Production |
| 3487 | Infrastructure | Task | Closed | Normal | Increase available physical volumes on cn-unm-1.dataone.org | Dave Viegla | 2014-10-02 17:56 | Support Operations |
| 3484 | Infrastructure | Task | Closed | Normal | Increase available physical volumes on cn-stage-unm-1.test.dataone.org | Dave Viegla | 2014-10-02 17:56 | Support Operations |
| 3092 | Infrastructure | Task | Closed | Normal | Generate new DataONE client certificates for the non-production servers | Dave Viegla | 2012-07-30 21:29 | Support Operations |
| 4704 | Infrastructure | Task | New | Normal | Create a view of MN holdings from a CN perspective | Dave Viegla | 2014-04-09 15:33 | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Category |
|------|----------------|---------|-------------|----------|--|-------------------|------------------|------------------------|
| 2860 | Infrastructure | Task | Closed | Normal | Create a productionPW.txt file in subversion | Dave Vieglaiss | 2012-06-06 18:57 | Support Operations |
| 3504 | Infrastructure | Task | Closed | Normal | Create a production Member Node VM at UNM for a GMN-based replica target node | Dave Vieglaiss | 2013-03-11 15:40 | Environment.Production |
| 1954 | Infrastructure | Task | Closed | Normal | CNReplication documentation needs clarification | Dave Vieglaiss | 2014-10-02 17:21 | |
| 1953 | Infrastructure | Task | Closed | Normal | CNCore.updateSystemMetadata() - add to cross reference spreadsheet | Dave Vieglaiss | 2014-10-02 17:21 | |
| 1969 | Infrastructure | Task | Closed | Normal | Add MNStorage.updateSystemMetadata() method to documentation | Dave Vieglaiss | 2011-11-03 20:45 | Documentation |
| 4471 | Infrastructure | Task | Rejected | Normal | Test Ansible CN installation on Ubuntu 12.04 with Java 7, tomcat 7, PostgreSQL 9 | David Doyle | 2014-06-30 22:08 | Environment.Production |
| 2594 | Infrastructure | Task | New | Normal | Prepare a Mercury MN overview for the workshop | Giri Palanisamy | 2012-04-09 22:59 | mn.Mercury |
| 8098 | Infrastructure | Task | Closed | High | Token-based authentication fails with LE CN certs | Jing Tao | 2020-03-26 14:39 | dataone-cn-portal |
| 7570 | Infrastructure | Bug | In Progress | Normal | Search UI requests cause Out of Memory Error | Jing Tao | 2017-04-26 21:01 | d1_indexer |
| 6039 | Infrastructure | Task | Closed | Normal | Migrate all CN component POMs to Java 1.7 for support of the DataONE API v2 | Jing Tao | 2014-08-20 22:26 | |
| 6065 | Infrastructure | Task | Closed | Normal | Fix dataone-cn-metacat installation to modify spatial and indexPaths properties | Jing Tao | 2014-08-26 00:50 | d1_cn_buildout |
| 6787 | Infrastructure | Task | Closed | Normal | Ensure Java 7 Client code can communicate over SSL | Jing Tao | 2016-03-25 21:23 | Environment.Production |
| 4467 | Infrastructure | Task | Closed | Normal | Deploy and Test Metacat on Ubuntu 12.04 with Java 7, Tomcat 7, PostgreSQL 9 | Jing Tao | 2014-07-18 03:23 | Metacat |
| 3596 | Infrastructure | Task | New | Normal | Fix Merritt Repository resource map typing of triple objects | John Kunze | 2013-02-19 02:27 | mn.Merritt |
| 3617 | Infrastructure | Task | Closed | Normal | Address LTERN Authentication Service's incorrect DN creation issue | Mark Servilla | 2013-03-06 20:57 | Support Operations |
| 2591 | Infrastructure | Task | Closed | Normal | Prepare d1_client_r for distribution for the workshop | Matthew Jones | 2012-05-17 17:09 | d1_client_r |
| 2602 | Infrastructure | Task | Closed | Normal | Modify CA scripts to not include descriptive text in PEM output files | Matthew Jones | 2012-04-23 16:56 | Support Operations |
| 2589 | Infrastructure | Task | Closed | Normal | Install USGS Member Node VMs for the workshop | Matthew Jones | 2012-05-17 17:10 | |
| 2595 | Infrastructure | Task | Closed | Normal | Create DNS entries for the USGS demo VMs | Matthew Jones | 2012-05-17 17:10 | Metacat |
| 4684 | Infrastructure | Task | Closed | Normal | Add proposed MNRead view service to the Architecture Docs | Matthew Jones | 2014-09-24 18:27 | Documentation |
| 4686 | Infrastructure | Task | Closed | Normal | Add proposed MNRead packaging service to the Architecture Docs | Matthew Jones | 2014-09-24 18:27 | Documentation |
| 4685 | Infrastructure | Task | Closed | Normal | Add proposed CNRead view service to the Architecture Docs | Matthew Jones | 2014-09-24 18:27 | Documentation |
| 4246 | Infrastructure | Task | In Progress | Normal | Determine why cn-stage-ucsb-1 LDAP syncrepl is failing | Michael Campfield | 2014-10-31 17:42 | Environment.Stage1 |
| 5498 | Infrastructure | Task | New | Normal | Determine the cause of the Jun2014 cn-orc-1 out of memory issue | Michael Campfield | 2014-10-31 19:11 | Environment.Production |
| 1719 | Infrastructure | Task | Closed | Normal | Update the 09 Use Case replication sequence diagram and text | Nicholas Dexter | 2011-09-07 18:00 | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Category |
|------|----------------|---------|----------|----------|---|-----------------|------------------|------------------------|
| 1992 | Infrastructure | Task | Closed | Normal | Update CNode implementation with serialVersion Additions | Nicholas Dexter | 2011-11-03 13:44 | d1_libclient_java |
| 1776 | Infrastructure | Task | Closed | Normal | Strengthen ReplicationService.entry*() methods to create ReplicationTasks only when appropriate | Nicholas Dexter | 2011-09-13 14:32 | |
| 1774 | Infrastructure | Task | Closed | Normal | Move isReplicationAuthorized() to isNodeAuthorized() to the CNReplication API | Nicholas Dexter | 2011-09-08 15:43 | |
| 1790 | Infrastructure | Task | Closed | Normal | Create ReplicationManagerTest class to test ReplicationManager | Nicholas Dexter | 2011-10-07 20:24 | d1_replication |
| 1775 | Infrastructure | Task | Closed | Normal | Change setReplicationStatus signature to include targetNode | Nicholas Dexter | 2011-09-08 15:42 | |
| 1712 | Infrastructure | Task | Closed | Normal | Add MNRReplication.getReplica() method | Nicholas Dexter | 2011-09-07 20:19 | |
| 1717 | Infrastructure | Task | Closed | Normal | Add CNReplication.isReplicationAuthorized() to the API | Nicholas Dexter | 2011-09-02 18:00 | |
| 3890 | Infrastructure | Task | Closed | High | ns2.afraid.org is not serving dataone.org properly | Nick Outin | 2013-08-08 17:56 | Support Operations |
| 3485 | Infrastructure | Task | Closed | Normal | Increase available physical volumes on cn-ucsb-1.dataone.org | Nick Outin | 2013-02-05 18:33 | Support Operations |
| 3482 | Infrastructure | Task | Closed | High | Increase available physical volumes on cn-stage-ucsb-1.test.dataone.org | Nick Outin | 2013-02-05 18:32 | Support Operations |
| 7260 | Infrastructure | Task | Closed | Normal | Create DEV2 VMs at UCSB | Nick Outin | 2015-07-16 23:05 | Support Operations |
| 3503 | Infrastructure | Task | Rejected | Normal | Create a production Member Node VM at UCSB for a GMN-based replica target node | Nick Outin | 2013-01-28 15:42 | Environment.Production |
| 3088 | Infrastructure | Task | Closed | Normal | Change non-production server names to the *.test.dataone.org domain | Nick Outin | 2012-08-08 15:19 | Support Operations |
| 3889 | Infrastructure | Story | Closed | High | Document the log aggregation component in the operations documents | Peter Slaughter | 2014-05-29 16:23 | d1_log_aggregation |
| 4469 | Infrastructure | Task | Closed | Normal | Test d1_libclient_java on Ubuntu 12.04 with Java 7 | Rob Nahf | 2014-07-18 03:24 | d1_libclient_java |
| 4468 | Infrastructure | Task | Closed | Normal | Test d1_common_java on Ubuntu 12.04 with Java 7 | Rob Nahf | 2014-07-18 03:24 | d1_common_java |
| 7251 | Infrastructure | Story | Closed | Normal | Replication should fulfill policies with no requested number of replicas | Rob Nahf | 2016-03-25 02:32 | d1_replication |
| 7810 | Infrastructure | Story | New | Normal | Need to avoid buffer overflow condition during HTTP client TLS renegotiation | Rob Nahf | 2018-01-17 19:09 | |
| 4215 | Infrastructure | Task | Rejected | Normal | Enable read-only mode for CNCORE and CNRead methods | Rob Nahf | 2014-01-08 16:01 | d1_cn_service |
| 1780 | Infrastructure | Task | Closed | Normal | Create Metacat ObjectPathMap loader class | Rob Nahf | 2011-09-16 17:10 | Metacat |
| 4232 | Infrastructure | Task | Closed | Normal | Create a MergeJob to Merge System Metadata across 3 CNs | Rob Nahf | 2014-07-30 17:54 | d1_replication_auditor |
| 1779 | Infrastructure | Story | Closed | Normal | Create access to Metacat object file paths through Hazelcast | Rob Nahf | 2011-09-16 17:49 | d1_indexer |
| 8183 | Infrastructure | Bug | Closed | Normal | CNDiagnostic.echoIndexedObject() fails on resource maps | Rob Nahf | 2017-12-26 18:20 | d1_indexer |
| 3273 | Infrastructure | Task | Closed | Normal | Add the MN Query API to d1_libclient_java classes | Rob Nahf | 2012-10-25 15:10 | d1_libclient_java |
| 3272 | Infrastructure | Task | Closed | Normal | Add the MN Query API to d1_common_java interfaces | Rob Nahf | 2012-10-25 15:10 | d1_common_java |
| 1781 | Infrastructure | Task | Closed | Normal | Add the Metacat hzObjectPaths map to the hazelcast config file | Rob Nahf | 2011-09-16 17:07 | d1_common_java |
| 3267 | Infrastructure | Task | Closed | Normal | Add the CN Query API to d1_libclient_java classes | Rob Nahf | 2012-10-25 15:10 | d1_libclient_java |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Category |
|------|----------------|---------|----------|----------|--|--------------|------------------|-------------------------|
| 3266 | Infrastructure | Task | Closed | Normal | Add the CN Query API to d1_common_java interfaces | Rob Nahf | 2012-10-25 15:10 | d1_common_java |
| 3376 | Infrastructure | Task | Closed | Normal | Upgrade d1_synchronization to Hazelcast 2.x | Robert Waltz | 2013-01-08 18:16 | performance-scalability |
| 3385 | Infrastructure | Task | Closed | Normal | Upgrade d1_process_daemon to Hazelcast 2.x | Robert Waltz | 2013-01-08 18:16 | performance-scalability |
| 3383 | Infrastructure | Task | Closed | Normal | Upgrade d1_node_registry to Hazelcast 2.x | Robert Waltz | 2013-01-08 18:16 | performance-scalability |
| 3384 | Infrastructure | Task | Closed | Normal | Upgrade d1_log_aggregation to Hazelcast 2.x | Robert Waltz | 2013-01-08 18:16 | performance-scalability |
| 1455 | Infrastructure | Task | Closed | Normal | Update D1 libraries to use CN object format service | Robert Waltz | 2011-08-30 17:12 | d1_cn_service |
| 4472 | Infrastructure | Task | Closed | Normal | Test Hazelcast installation on Ubuntu 12.04 with Java 7, Tomcat 7 | Robert Waltz | 2014-07-18 03:27 | Environment.Production |
| 4470 | Infrastructure | Task | Closed | Normal | Test CN installation on Ubuntu 12.04 with Java 7, tomcat 7, PostgreSQL 9 | Robert Waltz | 2014-07-18 03:25 | Environment.Production |
| 2861 | Infrastructure | Task | Closed | Normal | Set production passwords in the encrypted password file | Robert Waltz | 2012-06-12 16:37 | Support Operations |
| 1453 | Infrastructure | Task | Closed | Normal | Proxy the Metacat ObjectFormatService as a D1 CN service | Robert Waltz | 2011-06-21 15:05 | d1_cn_service |
| 1789 | Infrastructure | Task | Closed | Normal | Integrate replication queues and maps into Hazelcast processing cluster | Robert Waltz | 2011-09-28 19:22 | d1_replication |
| 4231 | Infrastructure | Task | Closed | High | Generate a Master System Metadata Table from all CNs | Robert Waltz | 2014-05-20 16:14 | d1_replication_auditor |
| 3886 | Infrastructure | Task | Closed | High | Filter the d1-cn-log index based on a public role | Robert Waltz | 2014-03-31 17:41 | d1_dashboard |
| 4185 | Infrastructure | Task | Rejected | High | Develop a CN audit algorithm to recover inconsistent CN states | Robert Waltz | 2014-07-30 03:21 | Environment.Production |
| 3824 | Infrastructure | Task | Closed | Normal | Create a cn-buildout tag for a CN 1.2.1 release | Robert Waltz | 2013-07-25 16:36 | d1_cn_buildout |
| 1966 | Infrastructure | Story | Closed | Normal | CNs should keep all replica MNs up to date with SystemMetadata changes | Robert Waltz | 2013-01-02 15:46 | d1_synchronization |
| 2339 | Infrastructure | Task | Closed | Normal | CN Sandbox RC2 CNCORE.listChecksumAlgorithms() fails with 404 NotFound | Robert Waltz | 2012-02-29 07:59 | d1_cn_service |
| 2925 | Infrastructure | Task | Closed | Normal | Change dataone-cn-processdaemon to not open 5702 to anywhere | Robert Waltz | 2012-06-19 05:30 | d1_cn_buildout |
| 2927 | Infrastructure | Task | Closed | Normal | Change dataone-cn-os-core to open 80 to anywhere | Robert Waltz | 2012-06-19 05:30 | d1_cn_buildout |
| 2926 | Infrastructure | Task | Closed | Normal | Change dataone-cn-index to not open 5702 to anywhere | Robert Waltz | 2012-06-19 05:30 | d1_cn_buildout |
| 1378 | Infrastructure | Story | Closed | Normal | Adding new object formats shouldn't require buildout | Robert Waltz | 2011-08-30 17:31 | d1_schemas |
| 3386 | Infrastructure | Task | Closed | Normal | Add a Hazelcast build to Hudson | Robert Waltz | 2012-12-12 16:50 | d1_process_daemon |
| 3476 | Infrastructure | Story | Closed | Normal | ONEDrive needs to be performant and easy to install | Roger Dahl | 2014-01-17 16:56 | d1_client_ONEDrive |
| 3477 | Infrastructure | Task | Closed | Normal | Improve performance in ONEDrive by caching queries | Roger Dahl | 2014-05-09 13:55 | d1_client_ONEDrive |
| 3478 | Infrastructure | Task | Closed | Normal | Improve ONEDrive performance by minimizing queries sent to the server | Roger Dahl | 2013-03-11 15:44 | d1_client_ONEDrive |
| 2553 | Infrastructure | Task | Closed | Low | GMN returns an incorrect Content-Type header for XML content | Roger Dahl | 2014-01-17 16:22 | d1_mn_GMN |
| 4701 | Infrastructure | Task | Closed | Normal | Fix set command whitespace handling | Roger Dahl | 2014-10-02 20:35 | d1_client_cli |
| 3507 | Infrastructure | Task | Closed | Normal | Deploy GMN on mn-unm-2.dataone.org as a target replica node | Roger Dahl | 2013-03-11 15:41 | Environment.Production |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Category |
|------|----------------|---------|----------|----------|---|---------------|------------------|-------------------------|
| 3505 | Infrastructure | Task | Rejected | Normal | Deploy GMN on mn-ucsb-2.dataone.org as a target replica node | Roger Dahl | 2013-01-28 15:47 | Environment.Production |
| 3506 | Infrastructure | Task | Closed | Normal | Deploy GMN on mn-orc-2.dataone.org as a target replica node | Roger Dahl | 2013-03-11 15:42 | Environment.Production |
| 4187 | Infrastructure | Task | Closed | Normal | Confirm GMN handles SSL exceptions from source nodes appropriately | Roger Dahl | 2013-12-17 01:55 | d1_mn_GMN |
| 2044 | Infrastructure | Story | Closed | Normal | Command line client should support all sections of SystemMetadata | Roger Dahl | 2011-11-22 16:10 | d1_client_cli |
| 3274 | Infrastructure | Task | Closed | Normal | Add the MN Query API to d1_libclient_python classes | Roger Dahl | 2012-10-25 15:10 | d1_libclient_python |
| 3268 | Infrastructure | Task | Closed | Normal | Add the CN Query API to d1_libclient_python classes | Roger Dahl | 2012-10-25 15:10 | d1_libclient_python |
| 3378 | Infrastructure | Task | Closed | Normal | Upgrade d1_replication to Hazelcast 2.x | Skye Roseboom | 2013-01-08 17:06 | performance-scalability |
| 3377 | Infrastructure | Task | Closed | Normal | Upgrade d1_index to Hazelcast 2.x | Skye Roseboom | 2013-01-08 17:07 | performance-scalability |
| 3382 | Infrastructure | Task | Closed | Normal | Upgrade d1_cn_common to Hazelcast 2.x | Skye Roseboom | 2013-01-08 17:06 | performance-scalability |
| 3473 | Infrastructure | Task | Closed | Normal | Report membership status to Nagios | Skye Roseboom | 2014-10-01 20:40 | d1_monitor |
| 4183 | Infrastructure | Task | Closed | Urgent | Evaluate CN to CN system metadata attribute inconsistencies | Skye Roseboom | 2014-03-14 17:43 | Environment.Production |
| 4120 | Infrastructure | Task | New | Normal | Display total data downloads in the SummaryView header | Skye Roseboom | 2014-03-31 17:41 | d1_dashboard |
| 3472 | Infrastructure | Task | Closed | Normal | Create a Statsd reporter for cluster membership status | Skye Roseboom | 2014-10-01 20:41 | d1_monitor |
| 4123 | Infrastructure | Task | Closed | Normal | Create a Member Node List view | Skye Roseboom | 2014-03-31 17:41 | d1_dashboard |
| 3471 | Infrastructure | Task | Closed | Normal | Create a d1_cn_monitor project that acts as an extensible framework for adding monitoring agents and reporting agents | Skye Roseboom | 2014-10-01 20:44 | performance-scalability |
| 2182 | Infrastructure | Task | Closed | Normal | Coordinate d1_indexer locks in the process cluster | Skye Roseboom | 2012-01-13 18:43 | d1_indexer |
| 3470 | Infrastructure | Story | Closed | Normal | CN cluster communication needs to be monitored | Skye Roseboom | 2014-10-01 20:44 | performance-scalability |
| 2863 | Infrastructure | Task | Rejected | Normal | Change d1_cn_common's DAO layer to use configurable passwords | Skye Roseboom | 2012-06-06 19:27 | Support Operations |
| 4024 | Infrastructure | Task | Closed | Normal | Add a times series chart of uploads and downloads on the summary page | Skye Roseboom | 2014-03-31 17:41 | d1_dashboard |
| 1649 | Infrastructure | Task | New | Normal | Update Metacat's CNCOREImpl to include addFormat() | | 2016-06-22 16:51 | |
| 1651 | Infrastructure | Task | New | Normal | Update Metacat ResourceHandler to field the PUT call on /formats/fmtid | | 2016-06-22 16:51 | |
| 1650 | Infrastructure | Task | New | Normal | Update d1_cn_service ProxyCNCOREService and CNCOREController to include addFormat() | | 2016-06-22 16:51 | |
| 1656 | Infrastructure | Story | Closed | Normal | SynchronizationFailed exception should explicitly include the calling CN URL | | 2011-07-29 17:37 | d1_common_java |
| 1376 | Infrastructure | Bug | Rejected | Normal | Stylesheets on CNs need to resolve and link to MN data | | 2014-10-02 17:37 | Metacat |
| 7252 | Infrastructure | Task | Rejected | Normal | Re-replicate content with no numReplicas attribute | | 2016-02-16 20:24 | d1_replication |
| 1638 | Infrastructure | Task | Closed | Normal | Migrate ObjectFormatService in Metacat to CNCOREImpl | | 2011-06-15 14:53 | |
| 2340 | Infrastructure | Task | Closed | Normal | CN Sandbox RC2 CNCORE.getLogRecords() fails with 404 NotFound | | 2012-02-29 16:15 | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Category |
|------|----------------|---------|----------|----------|---|----------------|------------------|-------------------|
| 1646 | Infrastructure | Task | New | Normal | Add addFormat() to the CNCORE API | | 2016-06-22 16:51 | |
| 7389 | Java Client | Task | Testing | Normal | V2 D1Object fails to download V1 content | Chris Jones | 2015-09-28 17:50 | d1_libclient_java |
| 7597 | Java Client | Task | Closed | Normal | Update the ProvONE namespace used in the ProvONE_V1 class | Chris Jones | 2016-03-25 02:43 | d1_libclient_java |
| 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 |
| 7241 | Java Client | Task | Rejected | Normal | Ensure results of CNode.listNodes() are cached for a configurable period of time | Chris Jones | 2015-06-30 21:50 | d1_libclient_java |
| 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 |
| 7154 | Java Client | Task | Closed | Normal | Add capability in DataPackage to make statements about anonymous resources in Resource maps | Chris Jones | 2015-06-17 20:41 | d1_libclient_java |
| 1648 | Java Client | Task | New | Normal | Update d1_libclient_java ObjectFormatCache to include addFormat() | | 2016-06-22 16:51 | d1_libclient_java |
| 1647 | Java Client | Task | New | Normal | Update d1_common_java ObjectFormatServiceImpl to include addFormat() | | 2016-06-22 16:51 | d1_common_java |
| 4148 | Member Nodes | Task | Closed | Normal | Troubleshoot getting system metadata and objects on the production USANPN | Ben Leinfelder | 2014-05-15 17:19 | |
| 3583 | Member Nodes | Task | Closed | High | Production KNB node should return intermediate CA certs | Ben Leinfelder | 2013-03-05 23:05 | |
| 3605 | Member Nodes | Task | New | Normal | Install a new Metacat instance for the Avian Knowledge Network (AKN) member node | Ben Leinfelder | 2013-02-21 16:20 | |
| 6047 | Member Nodes | Task | Closed | Normal | Validate EDORA content against the ORNL Mercury schema | Chris Jones | 2014-11-24 14:57 | |
| 3854 | Member Nodes | Task | Closed | Normal | Troubleshoot Dryad science metadata creation on CNs | Chris Jones | 2014-03-14 18:22 | |
| 4041 | Member Nodes | Task | Closed | Normal | Review KUBI synchronization results | Chris Jones | 2014-02-20 21:21 | |
| 5127 | Member Nodes | Task | Closed | Normal | Regenerate a client certificate for ORNLDAAC and revoke the old certificate | Chris Jones | 2018-01-22 22:15 | |
| 3958 | Member Nodes | Task | Closed | Normal | Generate urn:node:mnTestNKN client certificate | Chris Jones | 2016-03-29 13:32 | |
| 3975 | Member Nodes | Task | Closed | Normal | Generate urn:node:mnTestKUBI client certificate | Chris Jones | 2014-02-20 21:21 | |
| 6164 | Member Nodes | Task | Closed | Normal | Generate a production client for EDORA | Chris Jones | 2014-11-24 14:57 | |
| 6165 | Member Nodes | Task | Closed | Normal | Generate a production client certificate for RGD | Chris Jones | 2014-11-24 14:56 | |
| 4788 | Member Nodes | Task | Closed | Normal | Generate a client test certificate for SC | Chris Jones | 2015-01-02 16:46 | |
| 4268 | Member Nodes | Task | Closed | Normal | Generate a client test certificate for RGD | Chris Jones | 2014-11-24 14:55 | |
| 4267 | Member Nodes | Task | Closed | Normal | Generate a client test certificate for EDORA | Chris Jones | 2014-11-24 14:57 | |
| 5121 | Member Nodes | Task | New | Normal | Fix DryadDataFile instance documents with no dcterms:creator element | Chris Jones | 2014-04-30 19:25 | |
| 3855 | Member Nodes | Task | Closed | Normal | Dryad schema instance files fail to validate due to import resolution | Chris Jones | 2014-04-17 03:31 | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Category |
|------|--------------|---------|-------------|----------|--|----------------------|------------------|----------|
| 6331 | Member Nodes | Task | Closed | Normal | Determine why Node Registry prevents MN cert from updating node capabilities | Chris Jones | 2014-09-02 21:02 | |
| 3603 | Member Nodes | Task | Closed | Normal | Create production certificates for CLOEBIRD | Chris Jones | 2014-04-15 23:22 | |
| 5330 | Member Nodes | Task | Closed | Normal | Correct formatIds for CLOEBIRD gzip'd data objects | Chris Jones | 2014-06-11 00:02 | |
| 6363 | Member Nodes | Task | Closed | Normal | Add the ORNL Mercury schema to the object format list | Chris Jones | 2014-11-24 19:07 | |
| 6353 | Member Nodes | Task | Closed | Normal | Add support for ORNL Mercury metadata schema to the Metacat schema catalog in each environment | Chris Jones | 2014-11-24 19:07 | |
| 4062 | Member Nodes | Task | Closed | Normal | Verify trusted certificates on the KUBI MN | CJ Grady | 2014-02-20 21:21 | |
| 4141 | Member Nodes | Task | Closed | Normal | Verify server SSL server certificate installation | CJ Grady | 2014-02-20 21:21 | |
| 4032 | Member Nodes | Task | Closed | Normal | Set the HTTP Content-Type appropriately for KUBI objects | CJ Grady | 2014-02-20 21:21 | |
| 4035 | Member Nodes | Task | Closed | Normal | Review KUBI EML TemporalCoverage content | CJ Grady | 2014-02-20 21:21 | |
| 4061 | Member Nodes | Task | Closed | Normal | Fix stmml:unit validation errors in KUBI EML | CJ Grady | 2014-02-20 21:21 | |
| 4033 | Member Nodes | Task | Closed | Normal | Evaluate KUBI MN.getLogRecords() authorization policy | CJ Grady | 2014-02-20 21:21 | |
| 4031 | Member Nodes | Task | Closed | Normal | Add a full description in the KUBI MN node document | CJ Grady | 2014-02-20 21:21 | |
| 3602 | Member Nodes | Task | Closed | Normal | Revoke the CLOAKN certificate | Dave Vieglaiss | 2014-04-14 16:59 | |
| 4076 | Member Nodes | Task | Closed | Normal | Generate urn:node:SEAD production client certificate | Dave Vieglaiss | 2013-10-25 00:36 | |
| 3601 | Member Nodes | Task | Rejected | Normal | Generate a production client certificate for the Avian Knowledge Network | Dave Vieglaiss | 2014-04-14 16:58 | |
| 3600 | Member Nodes | Task | Closed | Normal | Generate a production client certificate for Cornell Lab of Ornithology eBird | Dave Vieglaiss | 2014-04-14 16:58 | |
| 3575 | Member Nodes | Task | Closed | High | ORNLDAAC listObjects() fails when filtering formatIds with colons | Giri Palanisamy | 2013-04-19 18:54 | |
| 6048 | Member Nodes | Task | New | Normal | Fix 404 NotFound errors on the EDORA MN | Jim Green | 2014-11-24 14:57 | |
| 4105 | Member Nodes | Task | Closed | Normal | Review SystemMetadata 'size' field content | Kavitha Chandrasekar | 2013-10-31 21:28 | |
| 6053 | Member Nodes | Task | In Progress | Normal | Update science metadata files to include ORNL schema type | Ranjeet Devarakonda | 2014-11-24 14:57 | |
| 4371 | Member Nodes | Task | Closed | Normal | Set dateUploaded date in SystemMetadata to reflect true USGSCSAS upload dates | Ranjeet Devarakonda | 2015-11-18 16:55 | |
| 4330 | Member Nodes | Task | Closed | Normal | Set dateUploaded date in SystemMetadata to reflect true ORNLDAAC upload dates | Ranjeet Devarakonda | 2018-01-25 20:12 | |
| 6049 | Member Nodes | Task | Closed | Normal | Publish the ORNL Mercury schema at a persistent URI | Ranjeet Devarakonda | 2014-11-24 14:57 | |
| 3841 | Member Nodes | Task | Closed | Normal | Fix listObjects() implementation to handle characters with Solr special meaning | Ranjeet Devarakonda | 2015-04-17 17:17 | |
| 3604 | Member Nodes | Task | Closed | Normal | Update the current CLOAKN member node to be EBIRD | Robert Waltz | 2014-04-23 01:31 | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Category |
|------|--------------|---------|----------|-----------|---|----------------|------------------|---------------|
| 3990 | Member Nodes | Task | Closed | Normal | Update system metadata for eBird content from urn:node:CLOAKN to urn:node:CLOEBIRD | Robert Waltz | 2014-04-23 01:32 | |
| 4152 | Member Nodes | Task | Closed | Immediate | Fix SEAD indexing of science metadata | Robert Waltz | 2013-11-01 09:36 | |
| 3815 | Member Nodes | Task | Closed | Normal | Resolve access policy discrepancies between system metadata and science metadata | Roger Dahl | 2018-08-31 15:27 | |
| 3321 | ONE Mercury | Task | Rejected | Normal | Re-enable 'search by place name' on the Mercury UI | Chris Jones | 2018-01-09 02:36 | |
| 3354 | ONE Mercury | Task | Rejected | Normal | Redesign query text on the results page to use refinement boxes | Chris Jones | 2018-01-09 02:34 | |
| 3360 | ONE Mercury | Task | Rejected | Normal | Provide Member Node documentation on node naming best practices | Chris Jones | 2018-01-09 02:34 | |
| 3356 | ONE Mercury | Task | Rejected | Normal | Number the search results for ease of recall | Chris Jones | 2018-01-09 02:34 | |
| 3362 | ONE Mercury | Task | Rejected | Normal | Move the 'Results per page' dropdown to only the Advanced Search and Results views | Chris Jones | 2018-01-09 02:34 | |
| 3345 | ONE Mercury | Task | Rejected | Normal | Modify Results filtering to accomodate addition and removal of search refinements | Chris Jones | 2018-01-09 02:35 | |
| 3318 | ONE Mercury | Feature | Rejected | Normal | Mercury UI improvements from ESIP feedback need to be addressed | Chris Jones | 2018-01-09 02:36 | |
| 3323 | ONE Mercury | Task | Rejected | Normal | Make the display of science metadata more uniform | Chris Jones | 2018-01-09 02:35 | |
| 3347 | ONE Mercury | Task | Rejected | Normal | Improve temporal components of the advanced search | Chris Jones | 2018-01-09 02:35 | |
| 3325 | ONE Mercury | Task | Rejected | Normal | Improve sorting components for returned results | Chris Jones | 2018-01-09 02:35 | |
| 3346 | ONE Mercury | Task | Rejected | Normal | Improve geographic components of the advanced search | Chris Jones | 2018-01-09 02:35 | |
| 3344 | ONE Mercury | Task | Rejected | Normal | Implement Simple vs Advanced search views | Chris Jones | 2018-01-09 02:35 | |
| 7084 | ONE Mercury | Story | Closed | Normal | Fix the display of EML citations when there is no individualName field | Chris Jones | 2015-06-26 21:13 | d1_mercury_ui |
| 3322 | ONE Mercury | Task | Rejected | Normal | Fix confusing 'Data Files(0)' download buttons | Chris Jones | 2018-01-09 02:36 | |
| 3320 | ONE Mercury | Task | Rejected | Normal | Enable tooltip for the Mercury map component tools | Chris Jones | 2018-01-09 02:36 | |
| 3326 | ONE Mercury | Task | Rejected | Normal | Create a printable view of the science metadata record | Chris Jones | 2018-01-09 02:35 | |
| 3327 | ONE Mercury | Task | Rejected | Normal | Clarify the 'Return to Search' vs 'Back' buttons when viewing science metadata | Chris Jones | 2018-01-09 02:35 | |
| 3361 | ONE Mercury | Task | Rejected | Normal | Change the default simple and advanced search views with the 'only data' refinement | Chris Jones | 2018-01-09 02:34 | |
| 3359 | ONE Mercury | Task | Rejected | Normal | Address confusing navigation buttons in science metadata views | Chris Jones | 2015-01-19 23:09 | |
| 3358 | ONE Mercury | Task | Rejected | Normal | Add a printable view of science metadata | Chris Jones | 2015-01-19 23:09 | |
| 6870 | ONE Mercury | Bug | Rejected | High | Fix handling of identifiers with url-escaped characters | Dave Vieglaiss | 2015-04-07 20:12 | d1_mercury_ui |
| 3324 | ONE Mercury | Task | Closed | Normal | Remove relevance ranking stars | Skye Roseboom | 2015-01-19 23:09 | |
| 3355 | ONE Mercury | Task | Closed | Normal | Fix the search form to not need two search buttons | Skye Roseboom | 2015-01-19 23:09 | |
| 3319 | ONE Mercury | Task | Closed | Normal | Add functionality to clear a search | Skye Roseboom | 2015-01-19 23:09 | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Category |
|------|-----------|---------|-------------|----------|---|---------------|------------------|-----------|
| 7498 | Search UI | Task | In Progress | Normal | Search UI deployments need to be automated | Chris Jones | 2015-11-21 00:36 | MetacatUI |
| 7490 | Search UI | Task | Closed | High | Search UI filter list does not render correctly under IE 11 | Lauren Walker | 2015-11-19 15:14 | MetacatUI |