

Issues

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Category |
|------|---------|---------|-------------|----------|--|---------------|------------------|------------------------|
| 8810 | CN REST | Task | New | Normal | Verify configuration of portal certificates | | 2019-05-21 13:00 | |
| 7096 | CN REST | Task | New | Normal | Unexpectedly closed streams / disconnects on UNM network | Dave Viegla | 2015-05-12 17:49 | |
| 8860 | CN REST | Bug | New | Normal | /token endpoint doesn't set a content-type and character encoding | | 2020-02-29 01:00 | d1_portal |
| 7161 | CN REST | Bug | New | Normal | TERN object fails to be indexed by Solr, but successfully synchronized | | 2015-06-05 18:04 | d1_synchronization |
| 7687 | CN REST | Bug | New | Normal | Synchronization unable to change BaseURLs upon updateNodeCapabilities notification | Rob Nahf | 2016-07-22 19:22 | d1_synchronization |
| 7911 | CN REST | Task | New | Normal | Synchronization allows invalid checksums, preventing corrected sync | | 2016-10-17 15:58 | d1_synchronization |
| 8864 | CN REST | Story | New | Normal | Synchronization does not register authoritative replica entry correctly | Jing Tao | 2020-06-19 21:59 | d1_synchronization |
| 8776 | CN REST | Task | New | Normal | Set valid replica status to completed | Chris Jones | 2019-03-12 15:57 | d1_replication_auditor |
| 7918 | CN REST | Bug | New | Normal | SEAD object only partially synchronized - missing autogen.2016092916012224122 document from /var/metacat/documents | Dave Viegla | 2016-10-21 18:00 | cn_metacat |
| 8582 | CN REST | Story | New | Normal | Replica Auditing service is throwing errors | Jing Tao | 2019-01-14 16:40 | d1_replication_auditor |
| 7489 | CN REST | Bug | New | Normal | processing daemon common-logging misconfigured | Robert Waltz | 2016-01-21 17:18 | d1_cn_process_daemon |
| 7440 | CN REST | Bug | New | Normal | Non-discernable error during synchronization affecting (mostly) urn:node:mnTestAEKOS - "Client is shutdown." | | 2015-10-20 14:46 | |
| 7746 | CN REST | Bug | In Progress | Normal | Node registration update fails when <contactSubject> spans multiple lines | Rob Nahf | 2016-04-26 17:30 | d1_cn_noderegistry |
| 7903 | CN REST | Task | New | Normal | Need to implement/support the default http methods - HEAD and GET on all DataONE API (both cn and mn) | Jing Tao | 2016-10-10 16:53 | d1_cn_rest |
| 1412 | CN REST | Task | New | Normal | MN health check performed by CN | Robert Waltz | 2015-01-19 23:06 | |
| 5739 | CN REST | Bug | New | Normal | LDAP upgrades fail with purge of dataone-cn-os-core | Robert Waltz | 2015-01-19 23:05 | |
| 8771 | CN REST | Story | New | Normal | Issue with LDAP when updating `nodeReplicationPolicy` | Dave Viegla | 2019-03-05 19:43 | d1_cn_rest |
| 8770 | CN REST | Story | New | Normal | Issue with CN handling of encoded identifiers in object/ meta/ node/, others? | Jing Tao | 2019-03-05 19:37 | d1_cn_rest |
| 7849 | CN REST | Task | New | Normal | Improve exception messages when cascading SSL derived exceptions | Rob Nahf | 2016-07-19 17:23 | |
| 2414 | CN REST | Task | New | Normal | Implement exceptions for search/solr endpoint | Skye Roseboom | 2015-01-19 22:49 | |
| 2415 | CN REST | Task | New | Normal | Implement exceptions for log endpoint | Robert Waltz | 2015-01-19 22:49 | |
| 2487 | CN REST | Task | New | Normal | How does a CN handle the failure of MN replica to receive MNStorage.sytemMetadataChanged() | Robert Waltz | 2016-08-10 20:51 | |
| 8749 | CN REST | Story | New | Normal | Fix log aggregation events from the CN without associated CN IPs | Dave Viegla | 2019-05-01 22:25 | |
| 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 |
| 8733 | CN REST | Bug | New | Normal | Exception handling in ForesiteResourceMap needs improvement | Jing Tao | 2018-10-12 20:09 | d1_cn_index_processor |

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| 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 |
| 8630 | CN REST | Bug | New | Normal | equivalentIdentity values use uppercase letters when the same person subject values are lowercase | | 2018-06-26 14:15 | d1_identity_manager |
| 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 |
| 8364 | CN REST | Story | In Progress | Normal | Ensure portal uses correct X509 certificates | | 2019-05-21 12:57 | d1_portal_servlet |
| 1479 | CN REST | Task | In Progress | Normal | Design web UI for validating newly created identities | Ben Leinfelder | 2015-01-19 22:59 | |
| 2168 | CN REST | Task | New | Normal | Design UI for identity validation | Ben Leinfelder | 2015-01-19 22:59 | |
| 7571 | CN REST | Task | New | Normal | Description for error code 401, detail code 4957 is misleading in some cases | | 2016-01-05 16:25 | |
| 8777 | CN REST | Task | New | Normal | Configure CN to audit objects greater than 1GB | Chris Jones | 2019-03-13 20:50 | d1_replication_auditor |
| 7301 | CN REST | Bug | New | Normal | CN-stage allows connections to a MN that is operating a self-signed SSL server certificate | | 2015-08-19 03:46 | |
| 8740 | CN REST | Bug | New | Normal | CN resolve service returning 404 for some pids | | 2019-01-22 18:41 | cn_metacat |
| 8698 | CN REST | Bug | New | Normal | CN Performance degradation | | 2018-09-13 21:05 | d1_cn_rest |
| 8867 | CN REST | Bug | New | High | CNCore.listChecksumAlgorithms() returns incorrect list | Jing Tao | 2020-08-06 00:06 | d1_cn_rest |
| 8010 | CN REST | Bug | New | Normal | CN.archive fails with 401 Unauthorized when using either MN or CN client certificate for PID with authoritative MN as urn:node:LTER | Jing Tao | 2017-03-21 17:10 | |
| 7750 | CN REST | Task | New | Normal | apply business rules on the CN that Subject strings will be stripped of leading and trailing whitespace | | 2016-04-26 17:30 | |
| 8809 | CN REST | Task | New | Normal | Adjust portal.properties for certificate configuration | | 2019-05-21 12:57 | |
| 8583 | DataONE API | Feature | New | Normal | Provide some mechanism for diagnosing correctness of MN certificates | Dave Viegla | 2018-05-02 03:18 | |
| 7839 | DataONE API | Task | New | Normal | Online documentation places synchronize in CNRead api | Dave Viegla | 2016-12-21 09:04 | api_documentation |
| 6759 | DataONE API | Story | New | Normal | ObjectFormat Management | Dave Viegla | 2015-01-19 23:17 | |
| 7838 | DataONE API | Task | New | Normal | Modify the obsolescence chain process to accommodate the use case where both old and new PIDs are present on the CN for v1 MNs | Dave Viegla | 2016-06-29 02:20 | |
| 6945 | DataONE API | Feature | New | Normal | MNRead.get uses the pid for the download filename, which provides a less than optimal user experience when the pid is an opaque identifier such as DOIs, uuids, etc. | | 2015-03-23 23:37 | |
| 7528 | DataONE API | Bug | New | Normal | Incorrect argument name documented for CNCore.reserveldentier | | 2015-12-08 19:51 | api_documentation |
| 1443 | DataONE API | Task | New | Normal | Identify operational requirements for monitoring and logging | Dave Viegla | 2015-01-19 23:06 | |

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| 1442 | DataONE API | Task | New | Normal | Identify monitoring and logging use cases and requirements | Dave Viegla | 2015-01-19 23:06 | |
| 7578 | DataONE API | Bug | New | Normal | Fix 404 link to d1_instance_generator folder in documentation | | 2016-01-08 22:01 | api_documentation |
| 7127 | DataONE API | Task | New | Normal | Finalize CNAAuthentication interface | Dave Viegla | 2015-05-21 19:31 | api_documentation |
| 1644 | DataONE API | Story | New | Normal | Develop an object format creation policy | | 2018-01-17 20:46 | |
| 3658 | DataONE API | Bug | New | Normal | Deleting objects breaks obsoletes chain traversal | Chris Jones | 2015-01-19 22:29 | |
| 7684 | DataONE API | Bug | New | Low | Call to MNStorage.update() via REST API returns java.lang.StackOverflowError | | 2016-03-21 23:07 | |
| 8528 | DataONE API | Task | New | Normal | Add MNRead.getVersions, CNRead.getVersions | | 2018-04-03 19:26 | |
| 8529 | DataONE API | Task | New | Normal | Add field to Solr index that includes the obsolescence chain | | 2018-04-10 05:21 | |
| 7475 | DUG | Task | New | Normal | Work with Erin/ESIP to distribute the brochure widely to students/faculty from UNC | | 2015-11-09 22:38 | |
| 7908 | DUG | Task | New | Normal | Start a lesson learned document | | 2016-10-11 20:35 | |
| 7532 | DUG | Task | New | Normal | Registration Form for 2016. | | 2015-12-08 21:30 | |
| 7531 | DUG | Task | New | Normal | Quote request for EAB meeting | | 2015-12-08 20:13 | |
| 7863 | DUG | Task | New | Normal | Link to the recordings | | 2016-08-09 20:40 | |
| 7524 | DUG | Task | New | Normal | Explore crowd sourcing for future DUG marketing effort | | 2015-12-07 22:25 | |
| 7484 | DUG | Task | New | Normal | DUG Agenda | | 2015-11-10 21:39 | |
| 7474 | DUG | Task | New | Normal | Draft generic letter of invitation that DUG SC can carry and distribute widely. | | 2015-11-09 22:38 | |
| 7473 | DUG | Task | New | Normal | Draft 2016 DUG annual meeting brochure | | 2015-11-09 22:38 | |
| 7476 | DUG | Task | New | Normal | Do we need an event management system to better organize the DUG? | | 2015-11-09 22:43 | |
| 7907 | DUG | Task | New | Normal | Doodle poll on the time/date for monthly meeting | | 2016-10-11 20:35 | |
| 7864 | DUG | Task | New | Normal | DOI Services for Members | | 2016-08-09 20:40 | |
| 7909 | DUG | Task | New | Normal | DataONE update audio/visual equipment for remote link | | 2016-10-11 20:49 | |
| 7862 | DUG | Task | New | Normal | DataONE DUG page may need updating (https://www.dataone.org/dataone-users-group) | | 2016-08-08 15:00 | |
| 7925 | DUG | Task | New | Normal | Data Center certification | | 2016-11-08 21:33 | |
| 7533 | DUG | Task | New | Normal | Create DUG 2016 Meeting page | | 2015-12-08 21:44 | |
| 7926 | DUG | Task | New | Normal | Certification and standards for data repositories (e.g. ISO 17421:2012, Data Seal of Approval) | | 2016-11-08 22:00 | |
| 7525 | DUG | Task | New | Normal | assessment effort update | | 2015-12-07 22:25 | |
| 7800 | DUG | Task | New | Normal | abstract reviews (https://docs.google.com/document/d/1iZXCN4AWqYi5Z7wqMKb2o33QnQ_JAcV0KVO4TeahHVA/edit) | | 2016-05-10 15:18 | |
| 5582 | Infrastructure | Bug | New | Normal | xinetd not supported via debian install | Robert Waltz | 2014-10-02 19:27 | d1_cn_buildout |
| 3869 | Infrastructure | Bug | New | Normal | wrong key set in portal/WEB-INF/client.xml | Robert Waltz | 2016-08-10 20:58 | d1_cn_buildout |

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| 1048 | Infrastructure | Task | In Progress | Normal | Write authorization system specification | Matthew Jones | 2014-10-01 20:47 | |
| 1047 | Infrastructure | Task | In Progress | Normal | Write Authentication system specification | Matthew Jones | 2014-10-01 20:47 | |
| 2685 | Infrastructure | Task | New | Normal | Where's the WIFFM on the DataONE web site for the researcher user? | | 2012-05-01 15:31 | Support Operations |
| 6705 | Infrastructure | Decision | New | Normal | What behavior should be when a user request a sid when all the pids matching the sid were obsoleted | | 2014-12-10 20:08 | |
| 3763 | Infrastructure | Task | New | Low | Visualize PyPI download statistics for Python components | Roger Dahl | 2014-10-01 21:32 | d1_dashboard |
| 1226 | Infrastructure | Task | New | Normal | Verify that cn buildout is using the hudson generated Metacat war | | 2011-01-13 14:57 | d1_cn_buildout |
| 8369 | Infrastructure | Task | New | Normal | Verify operation and transfer DNS | Dave Vieglais | 2018-02-15 17:40 | |
| 2791 | Infrastructure | Task | New | Normal | verify on dev machines | Dave Vieglais | 2012-05-21 17:41 | d1_cn_buildout |
| 3757 | Infrastructure | Task | New | Normal | Verify Log reporting in MN Tester | Rob Nahf | 2013-05-10 17:42 | d1_integration |
| 8066 | Infrastructure | Task | New | Normal | Verify completeness of unit test MetacatRdfXmlSubprocessorTest | Dave Vieglais | 2017-04-11 23:47 | d1_indexer |
| 1411 | Infrastructure | Task | New | Normal | Vendor Specific Extensions | | 2011-03-08 16:59 | |
| 8796 | Infrastructure | Story | New | Normal | Various issues with service access after upgrade to 18.04 | Jing Tao | 2019-05-21 12:38 | |
| 4067 | Infrastructure | Bug | New | Normal | Validate Node stream in MultipartHttpServletRequest in register and updateNodeCapabilities. | Robert Waltz | 2016-08-10 21:01 | d1_cn_service |
| 8850 | Infrastructure | Bug | New | Normal | v2.3.11 RdfXmlSubprocessor / HttpService.getDocumentBySeriesId can be wrong | Jing Tao | 2019-11-06 18:32 | d1_indexer |
| 7097 | Infrastructure | Bug | New | Normal | v1 call to CN.search() yields a NoClassDef exception for boucncycastle | Rob Nahf | 2015-05-12 18:46 | |
| 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 |
| 2051 | Infrastructure | Task | New | Normal | Use subject instead of NodeRef | | 2011-11-23 18:11 | Documentation |
| 7935 | Infrastructure | Task | New | Normal | Use a dedicated hazelcast queue as the listener to generate index task | Jing Tao | 2017-02-27 18:07 | d1_indexer |
| 8103 | Infrastructure | Task | New | Normal | Upgrade the postgresql jdbc jar file on the cn context | Jing Tao | 2017-06-02 20:56 | d1_cn_service |
| 8086 | Infrastructure | Task | In Progress | Normal | upgrade Spring dependencies | Rob Nahf | 2019-07-25 20:32 | d1_indexer |
| 8102 | Infrastructure | Task | New | Normal | Upgrade postgresql jdbc jar file on Portal | Jing Tao | 2017-06-02 20:53 | d1_portal |
| 8104 | Infrastructure | Task | New | Normal | Upgrade postgresql jdbc jar file on Metacat | Jing Tao | 2017-06-02 20:58 | Metacat |
| 8782 | Infrastructure | Story | New | Normal | Upgrade OS to Ubuntu 18.04 on CNs | Jing Tao | 2019-03-22 18:12 | |
| 3380 | Infrastructure | Task | New | Normal | Upgrade d1_client_hzpeek to Hazelcast 2.x | Dave Vieglais | 2012-12-12 16:50 | |
| 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 |

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| 2585 | Infrastructure | Task | In Progress | Normal | Update Use Case 09 | Skye Roseboom | 2014-09-11 15:47 | d1_replication |
| 1986 | Infrastructure | Task | New | Normal | Update UC04 to use correct CN method for determining if a PID exists | Dave Viegla | 2014-10-02 17:21 | Documentation |
| 8604 | Infrastructure | Task | New | Normal | Update the static IP lists for robots etc | Dave Viegla | 2018-06-07 20:56 | d1_log_aggregation |
| 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 |
| 4200 | Infrastructure | Task | New | Normal | Update replication.properties with metacat database password after upgrade before starting process daemon | Chris Jones | 2013-12-11 20:34 | Environment.Production |
| 6398 | Infrastructure | Task | New | Normal | update MNWebTest operations docs | Rob Nahf | 2014-10-01 20:34 | MNWebChecker |
| 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 | |
| 3625 | Infrastructure | Task | New | Normal | Update existing SANParks doctype="metadata" objects to new ESRI/FGDC objectFormatId | Ben Leinfelder | 2013-02-27 23:44 | Environment.Production |
| 6367 | Infrastructure | Task | New | Normal | Update drive firmware on P2-1 UCSB SAN Array | Nick Outin | 2014-09-08 20:19 | Hardware |
| 4189 | Infrastructure | Task | In Progress | Normal | Update dataoneErrors.xsd to match the documentation | Dave Viegla | 2017-01-14 00:24 | d1_schemas |
| 1650 | Infrastructure | Task | New | Normal | Update d1_cn_service ProxyCNCOREService and CNCOREController to include addFormat() | | 2016-06-22 16:51 | |
| 3624 | Infrastructure | Task | Testing | Normal | Update CN index processing to support ESRI FGDC metadata format | Skye Roseboom | 2013-03-05 23:27 | d1_indexer |
| 8858 | Infrastructure | Task | New | Normal | Update CN Apache configs in version control with directives to support sitemaps | Bryce Mecum | 2020-02-24 19:26 | |
| 8368 | Infrastructure | Story | New | Normal | Update backup strategy for jenkins job configurations to subversion | Dave Viegla | 2019-01-22 19:25 | Support Operations |
| 4190 | Infrastructure | Task | New | Normal | Update architecture docs to import dataoneErrors.xsd | Dave Viegla | 2014-09-24 18:28 | Documentation |
| 3728 | Infrastructure | Task | New | Normal | Update and augment architecture use cases to describe processes for property changes on system metadata | Dave Viegla | 2014-09-24 18:27 | Documentation |
| 6761 | Infrastructure | Task | New | Normal | unregister extraneous nodes in STAGE-2 | | 2015-01-14 00:49 | Environment.Stage2 |
| 3371 | Infrastructure | Task | New | Normal | unmarshalTypeFromFile method is using FileReader | | 2012-10-29 19:15 | |
| 7919 | Infrastructure | Bug | New | High | unloadable system metadata in CNs by Hazelcast | | 2016-11-01 19:30 | Metacat |
| 907 | Infrastructure | Task | In Progress | Normal | unify d1_integration for multiple environments and test languages | Rob Nahf | 2012-10-16 21:34 | d1_integration |
| 6542 | Infrastructure | Bug | New | Normal | Unable to add metadata document on mndemo8 | | 2014-10-30 16:30 | Environment.Development |
| 1983 | Infrastructure | Task | New | Normal | UC04 describes MNCORE.ping() with discovery capability | Dave Viegla | 2014-10-02 17:21 | Documentation |

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| 1961 | Infrastructure | Task | New | Normal | Types.ErrorMessage - does not exist | Dave Viegla | 2014-10-02 17:21 | Documentation |
| 2172 | Infrastructure | Task | New | Normal | Types.DateTime: Example serialization without TZ designator | Dave Viegla | 2014-10-02 17:21 | Documentation |
| 7370 | Infrastructure | Bug | New | Normal | TypeFactory.convertTypeFromType does not use xmlValue comparisons for Enum conversions | Rob Nahf | 2015-09-21 16:07 | d1_common_java |
| 7882 | Infrastructure | Story | In Progress | Normal | Tune CN logfile management | Dave Viegla | 2018-01-17 19:03 | |
| 2642 | Infrastructure | Task | In Progress | Normal | Try installing GMN according to the setup instructions | Andrew Pippin | 2012-07-06 16:25 | d1_mn_GMN |
| 1333 | Infrastructure | Task | New | Normal | traceInformation -> trace | | 2011-02-09 22:46 | |
| 8195 | Infrastructure | Bug | In Progress | High | Tomcat out of memory error | Dave Viegla | 2017-12-26 20:01 | |
| 8525 | Infrastructure | Story | In Progress | High | timeout exceptions thrown from Hazelcast disable synchronization | Rob Nahf | 2018-11-16 17:32 | d1_synchronization |
| 3894 | Infrastructure | Task | New | Normal | This task contains all the bugs related to the story | | 2014-09-24 18:27 | |
| 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 | |
| 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 |
| 8043 | Infrastructure | Bug | New | Normal | The origin field for EML documents isn't properly extracted when references are used | Jing Tao | 2019-02-12 18:45 | d1_indexer |
| 3501 | Infrastructure | Task | New | Normal | The list of MN objects doesn't show an object, but the direct access shows it | | 2013-01-18 19:13 | |
| 7967 | Infrastructure | Bug | In Progress | Normal | The CN is not following the xml schema definition when creating dataone exceptions | Dave Viegla | 2018-05-23 18:13 | Architecture Design |
| 4176 | Infrastructure | Bug | New | Normal | The archive method in CN doesn't call back to the authoritative and replica MNs. | | 2014-10-01 21:25 | |
| 6376 | Infrastructure | Task | New | Normal | test the new strategy against working ReplicationManager test | Rob Nahf | 2016-06-22 16:53 | d1_replication |
| 8703 | Infrastructure | Task | New | Normal | test the cleaned up indexer in DEV | Rob Nahf | 2018-09-24 18:05 | d1_indexer |
| 6397 | Infrastructure | Task | New | Normal | test that it works from standalone .war | Rob Nahf | 2014-10-01 20:34 | MNWebChecker |
| 925 | Infrastructure | Task | New | Normal | Test for correct response to invalid input: CCI.ITK.FUSE-client | | 2011-10-31 20:32 | d1_client_ONEDrive |
| 8076 | Infrastructure | Bug | New | High | sysmeta can not be retrieved for some objects | Dave Viegla | 2017-04-22 01:54 | dataone-cn-rest-service |
| 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 |
| 4098 | Infrastructure | Task | New | Normal | Synchronization should allow valid replicas held by MNs to set obsoletedBy and archive flags | Dave Viegla | 2014-07-31 22:23 | d1_synchronization |
| 8783 | Infrastructure | Bug | New | Normal | synchronization re-created 26k map entries in SyncQueueFacade.nodeldRoundRobin | Rob Nahf | 2019-04-02 20:10 | 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 |
| 6011 | Infrastructure | Bug | New | Normal | Synchronization fails from max_syncobjectqueue_size | Robert Waltz | 2016-01-05 17:52 | d1_synchronization |

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| 8827 | Infrastructure | Bug | New | Normal | synchronization doesn't update dateSystemMetadataModified if that's the only field that changed | Rob Nahf | 2019-07-11 21:26 | d1_synchronization |
| 8655 | Infrastructure | Bug | New | High | Synchronization died with OOM | | 2018-07-13 11:24 | |
| 7954 | Infrastructure | Bug | New | Normal | SyncFailedTask:submitSynchronizationFailed does not provide cert when connecting to MN | Roger Dahl | 2017-04-19 18:55 | d1_synchronization |
| 8049 | Infrastructure | Story | In Progress | Normal | Support synchronization of system metadata for unhosted METADATA and RES_MAP objects | | 2018-01-17 18:50 | Architecture Design |
| 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 |
| 6543 | Infrastructure | Story | New | Normal | Support RIF-CS metadata standard | Dave Viegla | 2018-01-17 19:46 | Format ID |
| 8693 | Infrastructure | Decision | In Progress | Low | Support Google Dataset Search on search.dataone.org via partial server side rendering | | 2019-06-06 23:53 | |
| 8507 | Infrastructure | Task | New | Normal | Support generation of citation metadata records from dublin core | | 2018-03-19 22:37 | |
| 6876 | Infrastructure | Task | New | Normal | Support for ISO 19139 metadata standard | | 2015-03-10 17:27 | Format ID |
| 6877 | Infrastructure | Task | New | Normal | Support for ISO 19115 metadata standard | | 2015-03-10 18:08 | Format ID |
| 6883 | Infrastructure | Story | New | Normal | support for ESRI Shapefile object format | | 2018-01-17 19:40 | Format ID |
| 8504 | Infrastructure | Story | New | Normal | Support creation of data citation record from solr record | Monica Ihli | 2018-07-17 23:06 | d1_indexer |
| 8737 | Infrastructure | Story | New | Normal | Submitters and rights-holders with group permissions can't be granted authorization when the sync process validates sid | Jing Tao | 2018-11-28 17:12 | d1_synchronization |
| 1520 | Infrastructure | Task | New | Normal | Stream Output | | 2011-05-04 14:35 | |
| 8078 | Infrastructure | Task | New | Normal | standardize task serialization for language independence | Rob Nahf | 2017-04-25 22:39 | d1_indexer |
| 2083 | Infrastructure | Task | New | Normal | Split the CN API into public and private sections | Dave Viegla | 2014-10-02 17:21 | Documentation |
| 2227 | Infrastructure | Task | New | Normal | Specify valid mimetypes for responses | Dave Viegla | 2014-10-02 17:21 | Documentation |
| 3905 | Infrastructure | Task | In Progress | Normal | Sort out shell logins for splunk system | Bruce Wilson | 2013-08-23 13:27 | Support Operations |
| 7466 | Infrastructure | Task | In Progress | Normal | Some objects not accessible on the CN via REST API | Chris Jones | 2015-11-05 16:11 | Metacat |
| 8842 | Infrastructure | Story | New | Normal | Some exceptions in Metacat | | 2019-09-19 17:53 | |
| 8841 | Infrastructure | Story | New | Normal | Solr Index processor don't parse the attributes on the otherEntity on an EML object | Jing Tao | 2019-09-10 22:41 | d1_indexer |
| 1762 | Infrastructure | Task | New | Normal | Sketch CN components and associations | Dave Viegla | 2014-10-02 17:40 | |
| 6067 | Infrastructure | Decision | New | Normal | Should we configure Dependency Analyzer Plugin in Jenkins? | Robert Waltz | 2014-08-22 03:58 | Environment.Development |
| 7822 | Infrastructure | Task | New | Normal | Should we configure clients to use Expect 100-Continue header in 1.1 requests | Rob Nahf | 2016-06-03 19:46 | d1_libclient_java |
| 7047 | Infrastructure | Task | New | Normal | Set user-agent in http request header for CN requests to member nodes | Robert Waltz | 2015-04-15 22:41 | d1_cn_service |

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|------|----------------|---------|-------------|----------|---|--------------|------------------|-------------------------------|
| 6399 | Infrastructure | Task | New | Normal | set up release practice for the MNWebTester .war | Rob Nahf | 2014-10-01 20:34 | MNWebChecker |
| 2810 | Infrastructure | Task | New | Normal | setReplicationStatus() example rwt state transition is incorrect | Dave Viegla | 2014-10-02 17:21 | Documentation |
| 7570 | Infrastructure | Bug | In Progress | Normal | Search UI requests cause Out of Memory Error | Jing Tao | 2017-04-26 21:01 | d1_indexer |
| 7910 | Infrastructure | Task | New | Normal | schema validation behavior | Rob Nahf | 2018-01-18 02:41 | d1_common_java |
| 7712 | Infrastructure | Story | New | Normal | Sanparks fails during LogAggregation | Laura Moyers | 2016-04-06 16:43 | Environment.Production |
| 7936 | Infrastructure | Bug | New | Normal | Same pid with different status exists in the index_task table | Jing Tao | 2017-02-27 18:07 | d1_indexer |
| 3332 | Infrastructure | Task | In Progress | Normal | Revise use cases and add sample code | Dave Viegla | 2014-09-24 18:27 | Documentation |
| 3891 | Infrastructure | Task | New | Normal | review vulnerability to BREACH attacks | Dave Viegla | 2013-08-07 15:01 | Authentication, Authorization |
| 8308 | Infrastructure | Task | New | Normal | Review use of /node/subject in the node documents | | 2018-02-06 20:05 | |
| 8505 | Infrastructure | Task | New | Normal | Review solr terms for coverage of data citation elements | Monica Ihli | 2018-03-19 21:57 | |
| 3901 | Infrastructure | Task | New | Normal | Review Mozilla Persona as an alternative for identity management | Dave Viegla | 2013-08-09 11:57 | Documentation |
| 6377 | Infrastructure | Story | In Progress | Normal | Review CNode initialization in ReplicationManager - it doesn't use local CN reference | Rob Nahf | 2018-01-17 19:52 | d1_replication |
| 8230 | Infrastructure | Task | New | Normal | review bouncy castle version | Rob Nahf | 2018-03-02 21:48 | d1_libclient_java |
| 8206 | Infrastructure | Task | New | Normal | Review and adjust memory allocation to Solr and zookeeper | | 2017-10-24 16:03 | |
| 8207 | Infrastructure | Story | New | Normal | review and adjust memory allocated to d1-processing | | 2018-01-09 19:10 | |
| 8208 | Infrastructure | Story | New | Normal | Review and adjust memory allocated to d1-index-task-generator and d1-index-task-processor | | 2018-01-09 19:10 | |
| 7940 | Infrastructure | Story | New | Normal | Retrieval of system metadata is too slow | Robert Waltz | 2018-01-09 19:10 | d1_cn_service |
| 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 |
| 3720 | Infrastructure | Story | New | Normal | resource maps should be validated | Dave Viegla | 2018-01-17 20:17 | Documentation |
| 8093 | Infrastructure | Bug | New | Normal | resource map index processing is inefficient (2sec / referenced object) | Rob Nahf | 2017-05-10 20:00 | d1_indexer |
| 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 |
| 8746 | Infrastructure | Task | New | Normal | Require email address from user when logging in via ORCID | | 2018-11-16 05:57 | |
| 8162 | Infrastructure | Story | New | Normal | Replication tasks can contain stale potential target nodes | Rob Nahf | 2018-03-02 21:47 | d1_replication |
| 8642 | Infrastructure | Bug | New | Normal | Replication tasks apparently not deleted from backing store in a timely fashion | Dave Viegla | 2018-07-05 12:11 | d1_replication |
| 8639 | Infrastructure | Story | New | Normal | Replication performance is too slow to service demand | Chris Jones | 2018-07-04 11:18 | d1_replication |
| 8640 | Infrastructure | Bug | New | Normal | Replication includes "down" nodes as replication targets | Chris Jones | 2018-07-04 11:29 | d1_replication |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Category |
|------|----------------|---------|-------------|----------|--|---------------|------------------|------------------------|
| 4711 | Infrastructure | Task | New | Normal | replace SSL Certs for cn-unm-1.dataone.org | | 2014-09-24 18:14 | |
| 4712 | Infrastructure | Task | New | Normal | replace SSL cert for cn-ucsb-1.dataone.org | | 2014-09-24 18:14 | |
| 4713 | Infrastructure | Task | New | Normal | replace SSL cert fo cn-orc-1.dataone.org | | 2014-09-24 18:14 | |
| 8793 | Infrastructure | Task | New | Normal | Replace ONEMercury installation | | 2019-05-01 14:04 | |
| 4719 | Infrastructure | Task | In Progress | Normal | Replace CN client certificate | Chris Jones | 2014-09-24 18:14 | Environment.Production |
| 6760 | Infrastructure | Task | New | Normal | rename mnDemo9 node | | 2015-01-14 00:44 | |
| 8379 | Infrastructure | Bug | New | Normal | remove or improve AuthLdap.getGroups logging statement | Jing Tao | 2018-02-27 16:51 | Metacat |
| 8808 | Infrastructure | Task | New | Normal | Remove old versions of Tomcat | | 2019-05-21 12:49 | |
| 8807 | Infrastructure | Task | New | Normal | remove old versions of postgres | | 2019-05-21 12:47 | |
| 6056 | Infrastructure | Story | New | Normal | remove log aggregation processing from d1-processing Linux service | Dave Viegla | 2018-01-17 19:55 | d1_log_aggregation |
| 8105 | Infrastructure | Task | New | Normal | Remove dataone-mercury from production CNs | Jing Tao | 2018-03-02 22:17 | d1_mercury |
| 6071 | Infrastructure | Story | In Progress | Normal | Release Notes and documentation | Dave Viegla | 2018-01-17 19:53 | Documentation |
| 3114 | Infrastructure | Task | In Progress | Normal | Release D1_CLIENT_CLI and prepare for version 2 | Andrew Pippin | 2012-08-02 17:27 | |
| 3864 | Infrastructure | Task | In Progress | Normal | Release CCI 1.2.1 Features | Chris Jones | 2013-09-12 20:04 | Environment.Production |
| 8182 | Infrastructure | Bug | New | Normal | relationships defined using SIDs in resource maps don't stay current | Rob Nahf | 2017-09-12 00:13 | d1_indexer |
| 8222 | Infrastructure | Task | New | Normal | reindex all isotc211 content in production to reflect final decisions from origin field mapping | Dave Viegla | 2018-03-22 16:56 | d1_indexer |
| 6514 | Infrastructure | Task | New | Normal | Reharvest all Records to build initial cache | Robert Waltz | 2015-01-13 15:56 | d1_log_aggregation |
| 6372 | Infrastructure | Task | In Progress | Normal | rehabilitate ReplicationManager "unit" tests | Rob Nahf | 2016-06-22 16:53 | d1_replication |
| 4716 | Infrastructure | Task | In Progress | Normal | refresh client certificate for urn:node:DRYAD | Chris Jones | 2014-09-24 18:14 | Environment.Production |
| 4715 | Infrastructure | Task | In Progress | Normal | Refresh client certificate for urn:node:CLOAKN | Chris Jones | 2014-09-24 18:14 | |
| 4714 | Infrastructure | Task | In Progress | Normal | Refresh client certificate for MN urn:node:TFRI | Chris Jones | 2014-09-24 18:14 | Environment.Production |
| 4717 | Infrastructure | Task | New | Normal | refresh client certificate for mn-unm-2.dataone.org | | 2014-09-24 18:14 | |
| 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 | |
| 6375 | Infrastructure | Task | In Progress | Normal | Refactor out dependency on a working CN | Rob Nahf | 2016-06-22 16:53 | d1_replication |
| 1234 | Infrastructure | Task | New | Normal | Record performance metrics for member nodes | | 2011-01-15 02:52 | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Category |
|------|----------------|----------|-------------|----------|---|-----------------|------------------|-------------------------------|
| 8823 | Infrastructure | Story | New | High | Recent Apache and OpenSSL combinations break connectivity on Ubuntu 18.04 | Dave Viegla | 2019-06-19 02:43 | |
| 2548 | Infrastructure | Story | New | Normal | recasting untrusted certs to public poses accessibility inconsistency to users | | 2018-01-17 20:36 | Authentication, Authorization |
| 7744 | Infrastructure | Task | New | Normal | put together initial design | | 2016-06-22 17:19 | |
| 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 |
| 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 |
| 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 |
| 7224 | Infrastructure | Story | New | Normal | push synchronization request status indicator: synchronizeStatus method option | | 2018-01-17 19:38 | Architecture Design |
| 5531 | Infrastructure | Task | Testing | Normal | Provide overview of replication process for MN implementors | Matthew Jones | 2014-10-02 17:21 | Documentation |
| 8079 | Infrastructure | Task | In Progress | Normal | prototype durable task processing for d1_index_processor | Rob Nahf | 2017-04-26 05:45 | d1_indexer |
| 8189 | Infrastructure | Decision | New | Normal | Proposal to change the roles mapped to the origin Solr field for ISO docs | Bryce Mecum | 2017-12-20 01:28 | |
| 2593 | Infrastructure | Task | New | Normal | Prepare science data and metadata content for the workshop | Dave Viegla | 2012-04-09 22:52 | |
| 2594 | Infrastructure | Task | New | Normal | Prepare a Mercury MN overview for the workshop | Giri Palanisamy | 2012-04-09 22:59 | mn.Mercury |
| 4211 | Infrastructure | Bug | New | Normal | Potential race condition between archive and replication | Chris Jones | 2014-09-25 17:19 | d1_cn_service |
| 7868 | Infrastructure | Bug | New | Normal | potential gaps between log harvests | Rob Nahf | 2017-03-23 15:40 | d1_log_aggregation |
| 1873 | Infrastructure | Feature | New | Normal | Postprocessing tool for log reporting | | 2014-10-02 17:06 | d1_log_aggregation |
| 2281 | Infrastructure | Task | New | Low | Possibly update the Identity Management and Authenticated Session Management doc | Matthew Jones | 2014-10-01 20:47 | Authentication, Authorization |
| 1332 | Infrastructure | Task | New | Normal | Possibly remove MN_crud.update() | | 2011-02-09 22:50 | |
| 1331 | Infrastructure | Task | New | Normal | Possibly combine MN_crud.create() and MN_crud.update() | | 2011-02-09 22:44 | |
| 8026 | Infrastructure | Task | Testing | High | Portal reaches the maximum capacity in a pool | Jing Tao | 2017-03-14 00:36 | d1_portal_servlet |
| 8123 | Infrastructure | Bug | Testing | Normal | portal hazelcast client should load config directly from xml | Rob Nahf | 2017-12-26 18:20 | d1_portal_servlet |
| 3109 | Infrastructure | Task | In Progress | Normal | PISCO/LTER revision history with SBC documents | Ben Leinfelder | 2012-07-31 01:34 | |
| 3924 | Infrastructure | Task | New | Normal | Pids in ObjectList should be the same as pids in the systemMetadata Map | Rob Nahf | 2014-10-01 22:04 | MNWebChecker |
| 3635 | Infrastructure | Task | New | Normal | Phase two Morpho implementation | Ben Leinfelder | 2013-03-25 22:49 | |
| 7850 | Infrastructure | Task | New | Normal | Passing SID to MNRead.systemMetadataChanged() | Dave Viegla | 2016-07-20 20:00 | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Category |
|------|----------------|----------|-------------|----------|--|----------------|------------------|------------------------|
| 3675 | Infrastructure | Bug | New | High | package relationships not available for archived objects | Rob Nahf | 2018-09-21 21:01 | d1_indexer |
| 7611 | Infrastructure | Story | New | Normal | ORNLDAAC fails during log aggregation | Laura Moyers | 2016-01-26 16:39 | Environment.Production |
| 4052 | Infrastructure | Story | In Progress | Normal | OPeNDAP MN Story | | 2013-10-06 20:07 | mn.OPeNDAP |
| 6069 | Infrastructure | Story | New | Normal | open ask.dataone.org sign-in to community | Dave Vieglaiss | 2014-10-01 20:39 | Documentation |
| 4129 | Infrastructure | Bug | New | Normal | Only configure ufw ports for machines in xml configuration file | Robert Waltz | 2016-08-10 20:47 | d1_cn_buildout |
| 7640 | Infrastructure | Story | New | Normal | ONEShare failing with ServiceFailure | Laura Moyers | 2016-02-12 16:39 | Environment.Production |
| 3099 | Infrastructure | Decision | New | Normal | ONE-Mercury display of data set citation | Dave Vieglaiss | 2012-07-23 21:24 | d1_mercury |
| 3067 | Infrastructure | Task | New | Normal | Old DAAC PIDs to archive | Dave Vieglaiss | 2013-01-02 14:14 | mn.Mercury |
| 7858 | Infrastructure | Bug | New | Normal | Obsoleting a resource map clears the resourceMap field for the obsoleted package | | 2017-03-28 16:20 | d1_indexer |
| 6041 | Infrastructure | Bug | New | Normal | obsoletedBy field serialized with newline after pid | Robert Waltz | 2014-09-25 17:36 | |
| 8722 | Infrastructure | Bug | New | High | Object in search index but systemmetadata is not available. | Jing Tao | 2018-10-03 17:48 | |
| 7407 | Infrastructure | Story | In Progress | Normal | object formats in the d1_common_java bootstrap list are inconsistent with production | Dave Vieglaiss | 2016-03-15 16:49 | d1_indexer |
| 8821 | Infrastructure | Bug | New | Normal | Object doi:10.18739/A2610VR7Z fails to index on CN | Jing Tao | 2019-06-19 00:06 | |
| 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 |
| 8735 | Infrastructure | Bug | In Progress | Normal | NPE in IndexTask causes indexing job to fail | Rob Nahf | 2018-10-18 18:33 | d1_indexer |
| 4192 | Infrastructure | Task | In Progress | Normal | Notify MN implementations of the discrepancy in exception definition | Dave Vieglaiss | 2014-09-24 18:28 | Management |
| 3598 | Infrastructure | Task | New | Normal | Node document subject description is a bit unclear | Dave Vieglaiss | 2014-10-02 17:21 | Documentation |
| 2827 | Infrastructure | Task | In Progress | Normal | nesting groups requires schema change* | Dave Vieglaiss | 2015-06-25 22:00 | d1_schemas |
| 7810 | Infrastructure | Story | New | Normal | Need to avoid buffer overflow condition during HTTP client TLS renegotiation | Rob Nahf | 2018-01-17 19:09 | |
| 1671 | Infrastructure | Task | New | Normal | Need folder for DUG, accessible by DUG members | Matthew Jones | 2011-07-12 12:09 | Support Operations |
| 3142 | Infrastructure | Task | New | Normal | Need a new local search mechanism | | 2013-03-02 05:15 | |
| 3925 | Infrastructure | Task | New | Normal | navigate through the ResourceMap confirm existence of identifiers on the MN | Rob Nahf | 2014-10-01 22:04 | MNWebChecker |
| 8069 | Infrastructure | Bug | New | Normal | Name from ORCID incorrectly parsed | Ben Leinfelder | 2017-04-12 20:28 | d1_portal_servlet |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Category |
|------|----------------|---------|-------------|----------|--|----------------|------------------|------------------------|
| 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 |
| 8046 | Infrastructure | Bug | New | Normal | Mutable Member Nodes orphan unhosted objects | | 2017-03-15 17:40 | Architecture Design |
| 8108 | Infrastructure | Support | New | Normal | Must determine the state of replication auditing for when replicas on non-functioning MNs are still reported as complete | Dave Viegla | 2017-06-06 17:56 | d1_replication_auditor |
| 5321 | Infrastructure | Bug | New | Normal | Multiple Hazelcast Client connections to same storage instance | Robert Waltz | 2016-08-10 20:58 | d1_process_daemon |
| 6478 | Infrastructure | Task | New | Normal | move mncheck VM to a different VMhost | Dave Viegla | 2014-10-01 20:34 | MNWebChecker |
| 3082 | Infrastructure | Task | New | Normal | Morpho should not rely on CN for any critical features | | 2013-03-02 05:26 | Morpho |
| 2896 | Infrastructure | Task | New | Normal | Modify the admin DN in createObjectformat script per environment | Chris Jones | 2012-10-05 14:23 | d1_cn_buildout |
| 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 |
| 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 |
| 8380 | Infrastructure | Bug | New | Normal | MN.update method doesn't check if the authoritativeMN is null on the system metadata of the new object | Jing Tao | 2018-03-02 21:53 | Metacat |
| 7666 | Infrastructure | Bug | New | Normal | mnTestMPC repeating attempts to set replica status to FAILED | Laura Moyers | 2016-02-25 21:44 | Environment.Stage1 |
| 2809 | Infrastructure | Task | New | Normal | MNStorage.update() - Make behavior explicit | Dave Viegla | 2014-10-02 17:21 | Documentation |
| 2508 | Infrastructure | Task | New | Normal | MNStorage.delete(), MNStorage.update() - Action must be denied for replicas. | Dave Viegla | 2014-10-02 17:21 | Documentation |
| 2826 | Infrastructure | Task | New | Normal | MNStorage.archive() - Permissions | Dave Viegla | 2014-10-02 17:21 | Documentation |
| 4051 | Infrastructure | Feature | New | Normal | MN Stack supporting Fedora Commons | | 2014-10-02 21:39 | mn.Fedora |
| 2142 | Infrastructure | Task | New | Normal | MNReplication.getReplica() - include PID in signature | Dave Viegla | 2014-10-02 17:21 | Documentation |
| 2646 | Infrastructure | Task | New | Normal | MNReplication.getReplica() - Add information about CNReplication.isNodeAuthorized() | Dave Viegla | 2014-10-02 17:21 | Documentation |
| 4723 | Infrastructure | Task | New | Normal | MN recognition of CN | Dave Viegla | 2014-10-02 17:21 | |
| 2793 | Infrastructure | Task | New | Normal | MNRead.describe() - Document special requirement of returning D1 exceptions in header | Dave Viegla | 2014-10-02 17:21 | Documentation |
| 3700 | Infrastructure | Bug | New | Normal | MNodeService.replicate will not request new object if existing on MN | Chris Jones | 2015-01-06 19:43 | Metacat |
| 3467 | Infrastructure | Task | New | Normal | MN.listObject should use auto-incremented key | Ben Leinfelder | 2013-01-08 18:31 | Metacat |
| 3907 | Infrastructure | Task | New | Normal | MN Integration Test - verify system metadata returned matches expected | Rob Nahf | 2013-08-09 18:48 | d1_integration |
| 7279 | Infrastructure | Task | New | Normal | MN implementation documentation - need document management solution | Dave Viegla | 2015-07-28 22:24 | Documentation |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Category |
|------|----------------|---------|-------------|-----------|--|----------------|------------------|------------------------|
| 1808 | Infrastructure | Task | New | Normal | MNAuthorization.isAuthorized() -> assertAuthorized() | | 2011-10-04 16:08 | |
| 8366 | Infrastructure | Story | New | Normal | Migrate jenkins continuous integration from UNM to UCSB | Dave Viegla | 2019-01-22 19:26 | Support Operations |
| 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 |
| 7920 | Infrastructure | Story | In Progress | Normal | migrate apache2 authorization rules from 2.2 conforming to 2.4 | Dave Viegla | 2018-01-17 18:59 | d1_cn_buildout |
| 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 |
| 3626 | Infrastructure | Task | New | Normal | Metacat should use correct object format for ESRI profile metadata | Ben Leinfelder | 2013-02-27 23:56 | Metacat |
| 3246 | Infrastructure | Bug | New | Low | Metacat returns 500 instead of 404 in some cases | Ben Leinfelder | 2014-10-02 18:03 | Metacat |
| 8224 | Infrastructure | Task | New | Normal | metacat not promoting node token privs for solr | Jing Tao | 2017-12-04 19:33 | 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 |
| 3047 | Infrastructure | Bug | In Progress | Normal | Metacat allows whitespace in Identifiers | Ben Leinfelder | 2018-11-13 21:44 | |
| 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 |
| 8811 | Infrastructure | Task | New | Normal | Merge 2.3.9 changes to trunk | Jing Tao | 2019-05-21 13:06 | |
| 6395 | Infrastructure | Story | In Progress | Normal | Member Node testers are stuck when the MNWebTester hangs / crashes | Rob Nahf | 2018-01-17 19:51 | MNWebChecker |
| 7605 | Infrastructure | Story | New | Normal | MemberNodes not authorizing CN to harvest log records | Dave Viegla | 2018-01-17 19:33 | Environment.Production |
| 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 |
| 8376 | Infrastructure | Feature | New | Normal | Make the script file - insertOrUpdateObjectFormatList.sh (in metacat cn buildout) change the user name automatically | Jing Tao | 2018-02-21 22:48 | d1_cn_buildout |
| 8775 | Infrastructure | Task | In Progress | Normal | Make taxonomic rank fields in Solr index non-case-sensitive | Bryce Mecum | 2019-03-11 23:35 | |
| 1473 | Infrastructure | Task | New | Normal | Make default access policy explicit in Authz docs. | Matthew Jones | 2014-10-01 20:47 | |
| 4136 | Infrastructure | Task | In Progress | Normal | Make cosmetic changes to the distribution map | Chris Jones | 2014-03-31 17:41 | d1_dashboard |
| 8853 | Infrastructure | Story | New | Normal | Make cn.resolve smarter | | 2019-11-15 16:50 | |
| 7607 | Infrastructure | Task | New | Normal | LTER_EUROPE refuses the production CN from harvesting log records | Laura Moyers | 2016-06-09 16:34 | Environment.Production |
| 7538 | Infrastructure | Task | New | Normal | look at nodeFactory in how it builds mock CNodes | Rob Nahf | 2015-12-10 17:03 | d1_libclient_java |
| 7688 | Infrastructure | Bug | New | Normal | LogAggregation unable to change BaseURLs upon updateNodeCapabilities notification | Dave Viegla | 2018-01-02 12:02 | d1_log_aggregation |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Category |
|------|----------------|---------|-------------|----------|---|--------------|------------------|-------------------------|
| 8603 | Infrastructure | Bug | New | Normal | log aggregation incorrectly assigning location information | Dave Viegla | 2018-06-07 20:52 | d1_log_aggregation |
| 8602 | Infrastructure | Story | New | Normal | Log aggregation and augmentation process mid 2018 updates | Dave Viegla | 2018-06-07 20:49 | d1_log_aggregation |
| 1335 | Infrastructure | Task | New | Normal | Local caching of the d1 schema. | | 2011-02-09 22:56 | |
| 2133 | Infrastructure | Task | New | Normal | listObjects() datetime slicing | | 2011-12-12 23:15 | |
| 6624 | Infrastructure | Task | New | Normal | link Node Identity arch. spec. to OperationDocs Node Reg page | | 2014-11-21 20:29 | Documentation |
| 1001 | Infrastructure | Task | New | Normal | Link documentation living with projects into ArchitectureDocs | | 2010-10-21 14:55 | |
| 3572 | Infrastructure | Bug | New | Normal | LDAP not updated for Node when synchronized set to true | Robert Waltz | 2014-10-01 22:56 | d1_cn_node_registry |
| 8115 | Infrastructure | Bug | New | Normal | LDAP logging is set to DEBUG on production CNs | Rob Nahf | 2017-12-26 18:29 | dataone-cn-os-core |
| 3108 | Infrastructure | Task | New | Normal | lastHarvested date is always equal to the current time. | Dave Viegla | 2012-07-30 22:11 | |
| 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 |
| 6062 | Infrastructure | Bug | In Progress | Normal | Jenkins not cascading builds in trunk | Robert Waltz | 2016-08-10 20:56 | Environment.Development |
| 8866 | Infrastructure | Bug | New | Normal | Java client tools should set a custom user agent string | | 2020-07-15 22:43 | |
| 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 |
| 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 |
| 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 |
| 8172 | Infrastructure | Story | In Progress | Normal | investigate atomic updates for some solr updates | Rob Nahf | 2018-01-17 18:39 | d1_indexer |
| 8815 | Infrastructure | Bug | New | Normal | Investigate and fix failed sync/harvest of doi:10.18739/A2CH48 | | 2019-06-04 23:26 | |
| 3492 | Infrastructure | Bug | In Progress | Urgent | Invalid PIDs in production (whitespace) | Jing Tao | 2017-04-27 15:31 | Support Operations |
| 1556 | Infrastructure | Task | In Progress | High | Interns mailing list | | 2011-05-12 23:02 | |
| 8540 | Infrastructure | Story | New | Normal | interesting 15 minute Hazelcast timeout in IndexProcessor | Rob Nahf | 2018-04-12 04:32 | d1_indexer |
| 3656 | Infrastructure | Story | New | Normal | integration testing: what are acceptable pids for update? | Roger Dahl | 2018-01-17 20:22 | |
| 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 | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Category |
|------|----------------|---------|-------------|----------|---|----------------|------------------|------------------------|
| 8824 | Infrastructure | Task | In Progress | High | Install Apache 2.4.39 and disable TLSv1.3 on CNs | Dave Viegla | 2019-06-19 12:11 | |
| 8571 | Infrastructure | Bug | In Progress | Normal | IndexTool can't index a data object | Jing Tao | 2018-04-23 20:13 | d1_indexer |
| 8570 | Infrastructure | Bug | New | Normal | index task not generated for a newly synchronized object | Jing Tao | 2018-04-20 20:51 | d1_indexer |
| 8541 | Infrastructure | Bug | New | Normal | index shutdown threw exception | Rob Nahf | 2018-04-12 16:44 | d1_indexer |
| 8758 | Infrastructure | Story | New | Normal | Index replicationStatus field | Jing Tao | 2019-01-14 18:00 | d1_indexer |
| 8361 | Infrastructure | Bug | New | Normal | index processor throws unhandled NPE if task systemMetadata is null | Rob Nahf | 2018-03-22 16:54 | d1_indexer |
| 8724 | Infrastructure | Bug | New | Normal | index out of bounds error in PortalCertificateManager | Rob Nahf | 2018-10-02 19:11 | d1_portal |
| 8731 | Infrastructure | Bug | New | Normal | Indexing solr client method is building query with too many ORs, causing errors | Rob Nahf | 2018-10-04 22:25 | d1_indexer |
| 8702 | Infrastructure | Story | New | Normal | Indexing Refactor Strategy | Rob Nahf | 2018-09-24 18:05 | d1_indexer |
| 8363 | Infrastructure | Story | New | Normal | indexer shutdown generates index tasks | Rob Nahf | 2018-09-24 15:25 | d1_indexer |
| 6044 | Infrastructure | Bug | New | Normal | Indexer needs port 5432 open to localhost during postinst | Robert Waltz | 2015-01-06 18:17 | d1_cn_buildout |
| 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 |
| 7767 | Infrastructure | Task | New | Normal | In DataONE search results, move map display to map extent | Dave Viegla | 2016-05-04 18:31 | |
| 4463 | Infrastructure | Story | In Progress | Normal | Incorporate Node Replication Policy into replication processing | Rob Nahf | 2018-01-17 20:03 | d1_replication |
| 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 |
| 3175 | Infrastructure | Task | New | Normal | Include dataoneTypes.xsd in Metacat registered schemas | Chris Jones | 2012-10-05 14:23 | Metacat |
| 8499 | Infrastructure | Task | New | Normal | Improve rendering of http://www.isotc211.org/2005/gmd-pangaea in search UI | | 2018-05-01 01:07 | |
| 3465 | Infrastructure | Task | New | Normal | Improve Metacat listObject slicing | Ben Leinfelder | 2013-01-08 18:54 | Metacat |
| 8107 | Infrastructure | Feature | New | Normal | Improved Node Synchronization Feedback - Leveraging MNRead.synchronizationFailed() | | 2017-06-27 16:46 | Architecture Design |
| 6025 | Infrastructure | Task | In Progress | Normal | Implement support for CCI v2.0 in Python stack | Roger Dahl | 2014-08-01 15:49 | |
| 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 |
| 995 | Infrastructure | Task | New | Normal | implement JSON formatted OLLs | | 2010-10-25 16:45 | |
| 991 | Infrastructure | Task | New | Low | implement HEAD /resolve/<guid> | | 2010-10-13 22:02 | |
| 3373 | Infrastructure | Task | New | Normal | If id contains "/", the MNode.getSystemMetadata method fails. | | 2012-11-06 02:05 | |
| 8170 | Infrastructure | Task | New | Normal | Identify the components that are currently managed in LDAP on the Coordinating Nodes and how these may be migrated to postgres | Monica Ihli | 2017-09-01 15:20 | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Category |
|------|----------------|---------|-------------|----------|---|-----------------|------------------|--------------------|
| 8506 | Infrastructure | Task | New | Normal | Identify ISO metadata terms appropriate for population of data citation elements of the solr search index | | 2018-10-04 18:17 | |
| 1061 | Infrastructure | Task | In Progress | Normal | Identify approach to IdentityMapping | Matthew Jones | 2014-10-01 20:47 | |
| 3810 | Infrastructure | Task | New | Normal | Identify and setup location for user oriented operational docs | Dave Viegla | 2014-09-24 18:27 | Support Operations |
| 8738 | Infrastructure | Story | In Progress | Normal | HZEventFilter performance decline with increased task queue | Rob Nahf | 2018-10-30 04:10 | d1_indexer |
| 1519 | Infrastructure | Task | New | Normal | HTTP Byte Range Requests | | 2011-05-04 14:34 | |
| 1518 | Infrastructure | Task | New | Normal | How to support caching | | 2011-05-04 14:33 | |
| 1414 | Infrastructure | Task | New | Normal | How to represent additional Node attributes. | | 2011-03-09 06:16 | |
| 7716 | Infrastructure | Story | In Progress | Normal | How to facilitate resubmission of sync Failures? | Dave Viegla | 2018-01-17 19:22 | d1_synchronization |
| 1236 | Infrastructure | Task | New | Normal | Highly variable response times from cn.dataone.org | | 2011-01-17 16:34 | d1_cn_service |
| 8734 | Infrastructure | Story | New | Normal | Hazelcast shutdown tied to out of memory exception! | Rob Nahf | 2018-10-18 16:55 | Metacat |
| 7825 | Infrastructure | Bug | New | Normal | Hazelcast service stops working after a while | Jing Tao | 2016-06-07 18:53 | Metacat |
| 7774 | Infrastructure | Task | New | Normal | GMN: Move to Let's Encrypt | | 2016-05-09 22:16 | |
| 3115 | Infrastructure | Task | New | Normal | Get R client into working state. | Andrew Pippin | 2012-08-02 17:32 | |
| 8500 | Infrastructure | Bug | New | High | Geohash not calculated properly | Jing Tao | 2018-03-14 17:06 | d1_indexer |
| 8052 | Infrastructure | Bug | New | Normal | Geohashed value is incorrect | Peter Slaughter | 2017-04-07 22:06 | d1_indexer |
| 8210 | Infrastructure | Feature | New | Normal | Generate daily reports by member node of discrepancies between CN vs MN content | | 2017-10-25 18:50 | |
| 3333 | Infrastructure | Task | New | Low | Generalize mk_* scripts for host name | Dave Viegla | 2012-10-11 18:50 | Support Operations |
| 8779 | Infrastructure | Story | New | Normal | ForesiteResourceMap performance issue | Rob Nahf | 2019-03-25 18:48 | d1_indexer |
| 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 |
| 3596 | Infrastructure | Task | New | Normal | Fix Merritt Repository resource map typing of triple objects | John Kunze | 2013-02-19 02:27 | mn.Merritt |
| 1502 | Infrastructure | Task | New | Normal | Fix hierarchy of permission levels. | Matthew Jones | 2014-10-01 20:47 | Documentation |
| 5137 | Infrastructure | Task | New | Normal | Fix DataONE CA chain file location in cn-buildout | Chris Jones | 2014-04-25 15:06 | d1_cn_buildout |
| 3468 | Infrastructure | Task | New | Normal | Explore how CN.listObject can effectively use auto-incremented key | Ben Leinfelder | 2013-01-08 18:35 | Documentation |
| 1472 | Infrastructure | Task | New | Normal | Explain revocation policies via MN curator. | Matthew Jones | 2014-10-01 20:47 | |
| 8755 | Infrastructure | Task | New | Normal | Expand EML indexing support for EML 2.2 | Bryce Mecum | 2019-08-15 01:50 | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Category |
|------|----------------|---------|-------------|----------|---|--------------|------------------|-------------------------------|
| 7698 | Infrastructure | Bug | New | Low | Exclude SLF4J jars in d1_solr_extensions.jar | | 2016-03-28 16:22 | d1_cn_solr_extensions |
| 8228 | Infrastructure | Bug | New | Normal | Excessive replicas requested by integration test | Rob Nahf | 2018-03-02 21:52 | d1_integration |
| 2794 | Infrastructure | Task | New | Normal | Exceptions: Remove unsupported exception serializations and add "header serialization" | Dave Viegla | 2014-10-02 17:21 | Documentation |
| 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 |
| 7104 | Infrastructure | Task | New | Normal | Event index reindexing shouldn't require re-harvest from MNs | | 2015-07-09 15:34 | d1_log_aggregation |
| 3438 | Infrastructure | Task | New | Normal | Evaluate utility of schema.org | | 2012-12-21 16:15 | Documentation |
| 8168 | Infrastructure | Task | New | Normal | Evaluate options for postgres replication configuration | Monica Ihli | 2017-09-01 15:11 | |
| 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 |
| 2151 | Infrastructure | Task | New | Normal | Ensuring that cited objects are not deleted | | 2011-12-23 04:20 | |
| 7949 | Infrastructure | Task | New | Normal | Ensure that there's no race condition where an entry can be added to "IN PROCESS" if it is already present | Jing Tao | 2017-02-27 17:55 | |
| 8155 | Infrastructure | Story | In Progress | Normal | Ensure GMN fully supports the Package API | Roger Dahl | 2018-01-17 18:43 | d1_mn_GMN |
| 3616 | Infrastructure | Task | New | Normal | Enable ServiceMethodRestriction support in Metacat | Chris Jones | 2013-02-27 16:28 | Metacat |
| 8167 | Infrastructure | Story | New | Normal | Enable postgres replication between Coordinating Nodes | Monica Ihli | 2018-01-09 19:10 | dataone-cn-os-core |
| 8150 | Infrastructure | Task | New | Normal | Enable CN certificate to alter authoritativeMN property in SystemMetadata | Jing Tao | 2017-07-19 21:27 | |
| 3328 | Infrastructure | Task | New | Normal | Enable a data preview from the search results page | Chris Jones | 2012-10-23 19:34 | d1_mercury |
| 4278 | Infrastructure | Story | New | Normal | EML indexing - handle multiple temporalCoverage and spatialCoverage elements | Jing Tao | 2018-01-17 20:04 | d1_indexer |
| 6396 | Infrastructure | Task | In Progress | Normal | embed jetty server in d1_integration to run WebTests locally | Rob Nahf | 2014-10-01 20:34 | MNWebChecker |
| 8849 | Infrastructure | Story | New | Normal | During sync, the CN does not detect error returned from getChecksum() | Jing Tao | 2019-11-06 22:07 | |
| 7178 | Infrastructure | Bug | New | Normal | duplicate replica information on mn-demo-5 | Robert Waltz | 2015-07-01 20:14 | d1_replication |
| 8367 | Infrastructure | Story | New | Normal | Duplicate jenkins jobs from UNM to UCSB | Dave Viegla | 2019-01-22 19:25 | Support Operations |
| 8196 | Infrastructure | Bug | New | Normal | Duplicated replicas in the system metadata | Jing Tao | 2017-10-18 17:19 | d1_replication |
| 8696 | Infrastructure | Bug | New | Urgent | double indexing of a resource map and another not processed because of resource contention (lock) on member | Rob Nahf | 2018-09-12 00:22 | d1_indexer |
| 8109 | Infrastructure | Story | New | Normal | Does authentication token need to include group information? | Dave Viegla | 2018-01-17 18:45 | Authentication, Authorization |
| 2029 | Infrastructure | Task | New | Normal | Document VM specifications for replication MNs | Dave Viegla | 2014-09-24 18:29 | Management |
| 2028 | Infrastructure | Task | New | Normal | Document VM specifications for CNs | Dave Viegla | 2014-09-24 18:29 | Management |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Category |
|------|----------------|---------|-------------|----------|---|---------------|------------------|-------------------------------|
| 2030 | Infrastructure | Task | New | Normal | Document the structure and interconnections of VM host hardware at UNM | Dave Viegla | 2014-09-24 18:29 | Hardware |
| 2031 | Infrastructure | Task | New | Normal | Document the structure and interconnections of VM host hardware at UCSB | Nick Outin | 2014-09-24 18:29 | Hardware |
| 3308 | Infrastructure | Task | New | Normal | Document the process for removing content contributed from a specific member node and/or the entire member node | Dave Viegla | 2014-03-14 18:29 | Support Operations |
| 3811 | Infrastructure | Task | New | Normal | Document the "non-standard" certificates being used for accessing content in DataONE and it's member nodes | Rob Nahf | 2014-09-24 18:27 | Support Operations |
| 7883 | Infrastructure | Task | New | Normal | Document the log files of relevance on Coordinating Nodes | | 2016-09-09 20:20 | |
| 2549 | Infrastructure | Task | New | Normal | document the decision | Matthew Jones | 2012-03-27 22:03 | Authentication, Authorization |
| 8169 | Infrastructure | Task | New | Normal | Document process for changing the postgres master | Monica Ihli | 2017-09-01 15:09 | |
| 8171 | Infrastructure | Task | New | Normal | Document hazelcast components to be moved to postgres storage | Monica Ihli | 2017-09-01 15:25 | |
| 2033 | Infrastructure | Task | New | Normal | Document hardware / CN administrators and their contact info | Dave Viegla | 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 |
| 8238 | Infrastructure | Task | New | Normal | Document contacts and procedure for using KU ORCID membership API key | Dave Viegla | 2018-01-09 02:22 | Authentication, Authorization |
| 6167 | Infrastructure | Task | New | Normal | Docs for CNRead.search() say "SOLR" in capital but actual API expects "solr" in lower case | Dave Viegla | 2014-10-02 17:21 | Documentation |
| 4120 | Infrastructure | Task | New | Normal | Display total data downloads in the SummaryView header | Skye Roseboom | 2014-03-31 17:41 | d1_dashboard |
| 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 |
| 7177 | Infrastructure | Task | New | Normal | Develop video documentation for certificate management | Dave Viegla | 2015-06-10 01:33 | Documentation |
| 7176 | Infrastructure | Task | New | Normal | Develop textual documentation for certificate management | Dave Viegla | 2015-06-10 01:33 | Documentation |
| 8780 | Infrastructure | Feature | New | Normal | Develop support for DataCite 4.0 and 4.1 and 4.2 | Dave Viegla | 2019-03-30 20:38 | d1_indexer |
| 1035 | Infrastructure | Task | In Progress | Normal | Develop reference architecture documents | Bruce Wilson | 2011-03-03 19:26 | Documentation |
| 8061 | Infrastructure | Story | New | Normal | develop queue-based processing system for the CN | Rob Nahf | 2018-01-17 19:00 | Architecture Design |
| 7559 | Infrastructure | Story | New | Normal | Develop plan for securing application passwords in the CN stack | Dave Viegla | 2018-01-17 19:34 | Architecture Design |
| 2688 | Infrastructure | Task | New | Normal | Develop guidelines for how Subject entries are handled - creation, normalization, comparison | Dave Viegla | 2014-09-24 18:27 | Documentation |
| 8081 | Infrastructure | Story | In Progress | Normal | develop federated broker configuration for indexing | Rob Nahf | 2018-01-17 18:46 | d1_indexer |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Category |
|------|----------------|----------|-------------|----------|--|-------------------|------------------|------------------------|
| 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 |
| 8084 | Infrastructure | Story | New | Normal | determine the backup strategy for rabbitMQ | Rob Nahf | 2018-01-17 18:46 | d1_indexer |
| 7668 | Infrastructure | Story | New | Normal | Determine how indexing of data packages should work | Jing Tao | 2018-01-17 19:28 | d1_indexer |
| 5988 | Infrastructure | Task | New | Normal | Determine cause of ldap "server not responding" errors between prod CNs | Jing Tao | 2014-07-22 23:18 | Hardware |
| 1474 | Infrastructure | Task | New | Normal | Design verification process for new accounts | Matthew Jones | 2014-10-01 20:47 | |
| 3156 | Infrastructure | Task | New | Low | Design Review: resource map indexing strategy | Skye Roseboom | 2012-08-27 18:51 | d1_indexer |
| 2035 | Infrastructure | Task | New | Normal | Design nagios system for monitoring CN locations | Nick Outin | 2014-09-24 18:29 | d1_monitor |
| 1482 | Infrastructure | Task | New | Normal | Design mechanism to collapse two accounts into one | Matthew Jones | 2014-10-01 20:47 | |
| 2169 | Infrastructure | Task | In Progress | Normal | Design content and layout for status page | Dave Vieglais | 2012-03-14 20:40 | d1_monitor |
| 1073 | Infrastructure | Task | New | Normal | Design client application authentication redirection approach | Matthew Jones | 2014-10-01 20:47 | d1_identity_manager |
| 2944 | Infrastructure | Story | New | Normal | Design and implement a MN kill switch mechanism | Dave Vieglais | 2018-01-17 20:30 | Support Operations |
| 2123 | Infrastructure | Task | New | Normal | Description of serialVersion | Dave Vieglais | 2014-10-02 17:21 | Documentation |
| 5141 | Infrastructure | Story | In Progress | Normal | Describe the mn.updateSystemMetadata behavior in use case document | Dave Vieglais | 2018-01-17 19:58 | Documentation |
| 8514 | Infrastructure | Task | New | Normal | deploy new Metacat / synchronization slows down because of increased cn.create times | Rob Nahf | 2018-03-22 17:07 | d1_synchronization |
| 8862 | Infrastructure | Story | New | Normal | Deploy a new dataone-cn-rest release | Jing Tao | 2020-04-23 16:24 | |
| 1471 | Infrastructure | Task | New | Normal | Define implicit curator role at Member Nodes. | Matthew Jones | 2014-10-01 20:47 | |
| 6499 | Infrastructure | Feature | New | Normal | define and implement addFormat() method | Rob Nahf | 2016-06-22 16:51 | Architecture Design |
| 8736 | Infrastructure | Story | New | Normal | Decouple the index generator to the hazelcast system metadata map | | 2019-01-22 19:27 | d1_indexer |
| 2660 | Infrastructure | Task | New | Normal | Deciding on a key size for D1 certs | Dave Vieglais | 2014-10-02 17:21 | Documentation |
| 3643 | Infrastructure | Task | New | Normal | Decide on future of stage-2 environment | Robert Waltz | 2015-01-14 00:41 | |
| 1484 | Infrastructure | Task | New | Normal | Decide on format for Principals | Matthew Jones | 2014-10-01 20:47 | |
| 8601 | Infrastructure | Decision | New | Normal | Decide on a URI space for DataONE resources | | 2018-07-18 21:42 | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Category |
|------|----------------|---------|-------------|----------|--|-------------------|------------------|-------------------------------|
| 6483 | Infrastructure | Task | New | Normal | DataONE xsede VM at ORC | Michael Campfield | 2014-10-24 10:54 | |
| 3762 | Infrastructure | Feature | New | Low | DataONE software download statistics | Roger Dahl | 2014-10-01 21:32 | d1_dashboard |
| 4188 | Infrastructure | Story | In Progress | Normal | dataone Exception definition and implementation requires clarification | Dave Viegla | 2018-01-17 20:05 | d1_schemas |
| 4142 | Infrastructure | Bug | New | Normal | dataone-cn-processdaemon prerm needs to be reconfiguration friendly | Robert Waltz | 2016-08-10 20:58 | d1_cn_buildout |
| 6060 | Infrastructure | Bug | New | Normal | dataone-cn-index install should fail if subtasks fail | Robert Waltz | 2016-08-10 20:58 | d1_cn_buildout |
| 7922 | Infrastructure | Task | New | Normal | DataONE Accessibility | Isis Serna | 2016-10-31 23:05 | |
| 7650 | Infrastructure | Story | New | Normal | DAO for SystemMetadata changes the SystemMetadata.replicationPolicy | Rob Nahf | 2018-01-17 19:31 | d1_cn_common |
| 8161 | Infrastructure | Bug | New | Normal | d1-processing Out of Memory Error | Dave Viegla | 2018-02-20 16:19 | d1_process_daemon |
| 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 |
| 6033 | Infrastructure | Task | In Progress | Normal | d1_libclient_python CCI 2.0 support | Roger Dahl | 2014-08-11 16:22 | d1_libclient_python |
| 7933 | Infrastructure | Bug | New | Normal | d1-index-task-processor stops processing task queue | Jing Tao | 2017-01-11 23:47 | d1_indexer |
| 8686 | Infrastructure | Bug | New | Normal | d1-index-task-processor failed with NPE | Rob Nahf | 2018-08-24 01:35 | d1_indexer |
| 7713 | Infrastructure | Story | New | Normal | d1DebConfig.xml should be versioned in dataone-cn-os-core | Rob Nahf | 2018-01-17 19:24 | d1_cn_buildout |
| 6026 | Infrastructure | Task | In Progress | Normal | d1_common CCI 2.0 support | Roger Dahl | 2014-08-01 15:49 | d1_common_python |
| 8448 | Infrastructure | Bug | New | Normal | d1_cn_index_tool doesn't reindex an pid from a given file | Jing Tao | 2018-03-02 22:06 | d1_indexer |
| 7523 | Infrastructure | Bug | In Progress | Normal | D1Client no longer updates stale NodeList | Rob Nahf | 2016-04-19 22:27 | d1_libclient_java |
| 8857 | Infrastructure | Story | New | Normal | D1Client.getCN() always get the production cn on the CN Tomcat context | Jing Tao | 2019-12-13 00:34 | dataone-cn-rest-service |
| 6034 | Infrastructure | Task | In Progress | Normal | d1_client_cli CCI 2.0 support | Roger Dahl | 2014-08-11 16:23 | d1_client_cli |
| 3046 | Infrastructure | Task | In Progress | Normal | Create utility to update ORE maps with invalid date formats | Ben Leinfelder | 2012-08-14 23:41 | |
| 1494 | Infrastructure | Task | New | Normal | Create sequence diagrams for Authentication services. | Matthew Jones | 2014-10-01 20:47 | |
| 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 |
| 8792 | Infrastructure | Task | New | Normal | Create landing page for redirection from ONEMercury | | 2019-05-01 14:03 | |
| 2664 | Infrastructure | Task | New | Normal | Create documentation for how transitivity is enacted for authorization | Matthew Jones | 2014-10-01 20:47 | Authentication, Authorization |
| 2545 | Infrastructure | Task | New | Normal | create d1_integration tests using for MN.generateIdentifier | Rob Nahf | 2014-10-02 17:54 | d1_integration |
| 3488 | Infrastructure | Task | New | Normal | Create custom merge policy to support managing data/information inconsistency | Chris Jones | 2014-03-14 17:27 | Metacat |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Category |
|------|----------------|---------|-------------|----------|--|----------------|------------------|-------------------------------|
| 4704 | Infrastructure | Task | New | Normal | Create a view of MN holdings from a CN perspective | Dave Vieglaiss | 2014-04-09 15:33 | |
| 725 | Infrastructure | Story | In Progress | Normal | Create Authentication and Access control design specifications | Dave Vieglaiss | 2018-01-17 20:52 | Documentation |
| 7876 | Infrastructure | Feature | New | Normal | Create a new admin page for Metacat admins to register schemas | Jing Tao | 2016-12-21 09:11 | Metacat |
| 7184 | Infrastructure | Task | New | Normal | Create an Ansible script that can replace a server certificate | Nick Outin | 2015-06-15 15:10 | Support Operations |
| 6513 | Infrastructure | Story | New | Normal | Create a Local Cache of all Membernode log records on the single master CN | Dave Vieglaiss | 2018-01-17 19:49 | d1_log_aggregation |
| 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 |
| 2343 | Infrastructure | Task | New | Normal | Convert style sheets to separate product | Ben Leinfelder | 2012-02-15 17:43 | |
| 3591 | Infrastructure | Story | In Progress | Normal | Content consistency checks for new member nodes | Rob Nahf | 2018-01-17 20:23 | MNWebChecker |
| 2956 | Infrastructure | Task | In Progress | Normal | content-checking tests for MNs entering an environment | Rob Nahf | 2014-10-01 22:04 | d1_integration |
| 7358 | Infrastructure | Story | In Progress | Normal | ContactSubject on NodeList must be valid D1 ldap entry | Dave Vieglaiss | 2016-12-21 09:05 | Authentication, Authorization |
| 7612 | Infrastructure | Task | In Progress | Normal | Contact ORNLDAAC | Laura Moyers | 2016-02-11 18:02 | Environment.Production |

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