

## Infrastructure - Issues

#	Tracker	Status	Priority	Subject	Assignee	Updated	Category
8770	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
8757	Story	New	Normal	Fix getChecksum() in MNAuditTask to use dynamic checksum algorithms	Chris Jones	2019-01-14 19:48	d1_replication_auditor
8749	Story	New	Normal	Fix log aggregation events from the CN without associated CN IPs	Dave Vieglaiss	2019-05-01 22:25	
8864	Story	New	Normal	Synchronization does not register authoritative replica entry correctly	Jing Tao	2020-06-19 21:59	d1_synchronization
8574	Story	New	Normal	PANGAEA Temporary Fix: SID only in Data Citation	Bryce Mecum	2018-05-01 01:45	
8756	Story	New	Normal	Ensure replica auditor is effective	Chris Jones	2019-01-15 21:00	d1_replication_auditor
8771	Story	New	Normal	Issue with LDAP when updating `nodeReplicationPolicy`	Dave Vieglaiss	2019-03-05 19:43	d1_cn_rest
8582	Story	New	Normal	Replica Auditing service is throwing errors	Jing Tao	2019-01-14 16:40	d1_replication_auditor
8849	Story	New	Normal	During sync, the CN does not detect error returned from getChecksum()	Jing Tao	2019-11-06 22:07	
8364	Story	In Progress	Normal	Ensure portal uses correct X509 certificates		2019-05-21 12:57	d1_portal_servlet
8162	Story	New	Normal	Replication tasks can contain stale potential target nodes	Rob Nahf	2018-03-02 21:47	d1_replication
8227	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
7920	Story	In Progress	Normal	migrate apache2 authorization rules from 2.2 conforming to 2.4	Dave Vieglaiss	2018-01-17 18:59	d1_cn_buildout
7859	Story	New	Normal	Add formatID for the STL 3d model file format	Dave Vieglaiss	2018-01-17 19:04	
8208	Story	New	Normal	Review and adjust memory allocated to d1-index-task-generator and d1-index-task-processor		2018-01-09 19:10	
7832	Story	In Progress	Normal	migrate from JibX to JAXB for XML binding / codegen	Rob Nahf	2018-01-17 19:06	d1_common_java
8207	Story	New	Normal	review and adjust memory allocated to d1-processing		2018-01-09 19:10	
6883	Story	New	Normal	support for ESRI Shapefile object format		2018-01-17 19:40	Format ID
8204	Story	New	Normal	Adjust memory allocation for services running under JVM on CNs		2018-01-09 19:10	
6377	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
5141	Story	In Progress	Normal	Describe the mn.updateSystemMetadata behavior in use case document	Dave Vieglaiss	2018-01-17 19:58	Documentation
4650	Story	New	Normal	Allow MN to bias resolve to the authoritative MN	Rob Nahf	2018-01-17 20:00	d1_cn_common
8167	Story	New	Normal	Enable postgres replication between Coordinating Nodes	Monica Ihli	2018-01-09 19:10	dataone-cn-os-core
4188	Story	In Progress	Normal	dataone Exception definition and implementation requires clarification	Dave Vieglaiss	2018-01-17 20:05	d1_schemas
8097	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
8082	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
8049	Story	In Progress	Normal	Support synchronization of system metadata for unhosted METADATA and RES_MAP objects		2018-01-17 18:50	Architecture Design
8044	Story	New	Normal	certificate manager should check expiration of CAs it loads into the trust manager.	Rob Nahf	2018-01-09 19:10	d1_libclient_java

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8022	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
7940	Story	New	Normal	Retrieval of system metadata is too slow	Robert Waltz	2018-01-09 19:10	d1_cn_service
8234	Story	New	Normal	Use University of Kansas ORCID membership to support authentication in production environment	Dave Vieglais	2018-01-09 19:10	Authentication, Authorization
8173	Story	New	High	add checks for retrograde systemMetadata changes	Jing Tao	2018-01-17 18:38	d1_indexer
8172	Story	In Progress	Normal	investigate atomic updates for some solr updates	Rob Nahf	2018-01-17 18:39	d1_indexer
8109	Story	New	Normal	Does authentication token need to include group information?	Dave Vieglais	2018-01-17 18:45	Authentication, Authorization
8084	Story	New	Normal	determine the backup strategy for rabbitMQ	Rob Nahf	2018-01-17 18:46	d1_indexer
8081	Story	In Progress	Normal	develop federated broker configuration for indexing	Rob Nahf	2018-01-17 18:46	d1_indexer
8074	Story	New	Normal	Eliminate unnecessary setuid/setgid programs	Roger Dahl	2018-01-17 18:48	
8073	Story	New	Normal	Make sure unnecessary services are disabled	Roger Dahl	2018-01-17 18:48	
8061	Story	New	Normal	develop queue-based processing system for the CN	Rob Nahf	2018-01-17 19:00	Architecture Design
8038	Story	In Progress	Normal	connect logging output to a log analysis tool	Dave Vieglais	2018-01-17 18:52	d1_synchronization
8036	Story	New	Normal	synchronization should respond to various MN down conditions to avoid syncFailures	Rob Nahf	2018-01-17 18:55	d1_synchronization
7889	Story	New	Normal	Synchronization not happening when authoritativeMN is not set correctly.	Rob Nahf	2018-01-17 19:01	d1_synchronization
7882	Story	In Progress	Normal	Tune CN logfile management	Dave Vieglais	2018-01-17 19:03	
7810	Story	New	Normal	Need to avoid buffer overflow condition during HTTP client TLS renegotiation	Rob Nahf	2018-01-17 19:09	
7807	Story	New	Low	cn.synchronize should support synchronization failure corrections.		2018-01-17 19:15	Architecture Design
7754	Story	In Progress	Normal	Support for XSL transform of various metadata formats	Bryce Mecum	2018-05-17 14:18	MetacatUI
7716	Story	In Progress	Normal	How to facilitate resubmission of sync Failures?	Dave Vieglais	2018-01-17 19:22	d1_synchronization
7713	Story	New	Normal	d1DebConfig.xml should be versioned in dataone-cn-os-core	Rob Nahf	2018-01-17 19:24	d1_cn_buildout
7668	Story	New	Normal	Determine how indexing of data packages should work	Jing Tao	2018-01-17 19:28	d1_indexer
7650	Story	New	Normal	DAO for SystemMetadata changes the SystemMetadata.replicationPolicy	Rob Nahf	2018-01-17 19:31	d1_cn_common
7605	Story	New	Normal	MemberNodes not authorizing CN to harvest log records	Dave Vieglais	2018-01-17 19:33	Environment.Production
7559	Story	New	Normal	Develop plan for securing application passwords in the CN stack	Dave Vieglais	2018-01-17 19:34	Architecture Design
7224	Story	New	Normal	push synchronization request status indicator: synchronizeStatus method option		2018-01-17 19:38	Architecture Design
6850	Story	New	Normal	automate Java Client releases	Rob Nahf	2018-01-17 19:42	d1_libclient_java
6796	Story	New	Normal	Migrate to Python v3	Roger Dahl	2018-01-17 19:43	
6543	Story	New	Normal	Support RIF-CS metadata standard	Dave Vieglais	2018-01-17 19:46	Format ID
6513	Story	New	Normal	Create a Local Cache of all Membernode log records on the single master CN	Dave Vieglais	2018-01-17 19:49	d1_log_aggregation
6395	Story	In Progress	Normal	Member Node testers are stuck when the MNWebTester hangs / crashes	Rob Nahf	2018-01-17 19:51	MNWebChecker
6071	Story	In Progress	Normal	Release Notes and documentation	Dave Vieglais	2018-01-17 19:53	Documentation

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6056	Story	New	Normal	remove log aggregation processing from d1-processing Linux service	Dave Vieglais	2018-01-17 19:55	d1_log_aggregation
5468	Story	New	Low	Remove dead code from D1 Python stack	Roger Dahl	2018-01-17 19:57	
4463	Story	In Progress	Normal	Incorporate Node Replication Policy into replication processing	Rob Nahf	2018-01-17 20:03	d1_replication
4278	Story	New	Normal	EML indexing - handle multiple temporalCoverage and spatialCoverage elements	Jing Tao	2018-01-17 20:04	d1_indexer
3720	Story	New	Normal	resource maps should be validated	Dave Vieglais	2018-01-17 20:17	Documentation
3666	Story	In Progress	Low	D1Client.listUpdateHistory() needs to handle changing access policies	Rob Nahf	2018-01-17 20:19	d1_libclient_java
3656	Story	New	Normal	integration testing: what are acceptable pids for update?	Roger Dahl	2018-01-17 20:22	
3591	Story	In Progress	Normal	Content consistency checks for new member nodes	Rob Nahf	2018-01-17 20:23	MNWebChecker
2944	Story	New	Normal	Design and implement a MN kill switch mechanism	Dave Vieglais	2018-01-17 20:30	Support Operations
2548	Story	New	Normal	recasting untrusted certs to public poses accessibility inconsistency to users		2018-01-17 20:36	Authentication, Authorization
2488	Story	New	Normal	Changing the authoritativeMembernode will require all replica's systemMetadata be updated	Dave Vieglais	2018-01-17 20:39	d1_synchronization
1644	Story	New	Normal	Develop an object format creation policy		2018-01-17 20:46	
725	Story	In Progress	Normal	Create Authentication and Access control design specifications	Dave Vieglais	2018-01-17 20:52	Documentation
8307	Story	New	Normal	Check node subject on node registration and subsequent calls	Jing Tao	2018-02-06 20:06	d1_cn_node_registry
8363	Story	New	Normal	indexer shutdown generates index tasks	Rob Nahf	2018-09-24 15:25	d1_indexer
8366	Story	New	Normal	Migrate jenkins continuous integration from UNM to UCSB	Dave Vieglais	2019-01-22 19:26	Support Operations
8367	Story	New	Normal	Duplicate jenkins jobs from UNM to UCSB	Dave Vieglais	2019-01-22 19:25	Support Operations
8368	Story	New	Normal	Update backup strategy for jenkins job configurations to subversion	Dave Vieglais	2019-01-22 19:25	Support Operations
8470	Story	New	Normal	Make the spring context of the d1_index_processor daemon more configurable	Jing Tao	2018-03-22 16:53	d1_indexer
8504	Story	New	Normal	Support creation of data citation record from solr record	Monica Ihli	2018-07-17 23:06	d1_indexer
8525	Story	In Progress	High	timeout exceptions thrown from Hazelcast disable synchronization	Rob Nahf	2018-11-16 17:32	d1_synchronization
8537	Story	New	Normal	indexer doesn't populate SID-defined relationships unless new resourceMap is submitted	Rob Nahf	2018-04-09 22:51	d1_indexer
8540	Story	New	Normal	interesting 15 minute Hazelcast timeout in IndexProcessor	Rob Nahf	2018-04-12 04:32	d1_indexer
8602	Story	New	Normal	Log aggregation and augmentation process mid 2018 updates	Dave Vieglais	2018-06-07 20:49	d1_log_aggregation
8639	Story	New	Normal	Replication performance is too slow to service demand	Chris Jones	2018-07-04 11:18	d1_replication
8702	Story	New	Normal	Indexing Refactor Strategy	Rob Nahf	2018-09-24 18:05	d1_indexer
8734	Story	New	Normal	Hazelcast shutdown tied to out of memory exception!	Rob Nahf	2018-10-18 16:55	Metacat
8736	Story	New	Normal	Decouple the index generator to the hazelcast system metadata map		2019-01-22 19:27	d1_indexer
8737	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
8738	Story	In Progress	Normal	HZEventFilter performance decline with increased task queue	Rob Nahf	2018-10-30 04:10	d1_indexer

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8758	Story	New	Normal	Index replicationStatus field	Jing Tao	2019-01-14 18:00	d1_indexer
8762	Story	New	Normal	Add new formats to CN		2019-02-07 20:03	
8779	Story	New	Normal	ForesiteResourceMap performance issue	Rob Nahf	2019-03-25 18:48	d1_indexer
8782	Story	New	Normal	Upgrade OS to Ubuntu 18.04 on CNs	Jing Tao	2019-03-22 18:12	
8791	Story	New	Normal	Complete deprecation of ONEMercury interface	Rob Nahf	2019-05-01 14:00	d1_mercury
8796	Story	New	Normal	Various issues with service access after upgrade to 18.04	Jing Tao	2019-05-21 12:38	
8806	Story	New	Normal	Cleanup from OS upgrades		2019-05-21 12:45	
8823	Story	New	High	Recent Apache and OpenSSL combinations break connectivity on Ubuntu 18.04	Dave Vieglais	2019-06-19 02:43	
8837	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
8841	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
8842	Story	New	Normal	Some exceptions in Metacat		2019-09-19 17:53	
8848	Story	New	Normal	A minor difference of annotation index between CN and MN		2019-11-01 21:37	
8851	Story	New	Normal	CN sends error doc with "pid" to v2 endpoint	Jing Tao	2019-11-06 22:31	d1_synchronization
8853	Story	New	Normal	Make cn.resolve smarter		2019-11-15 16:50	
8854	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	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	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
8857	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
8862	Story	New	Normal	Deploy a new dataone-cn-rest release	Jing Tao	2020-04-23 16:24	
8869	Story	New	Normal	Equivalent identities show owning different amount of packages.	Jing Tao	2020-09-24 22:34	d1_indexer
7407	Story	In Progress	Normal	object formats in the d1_common_java bootstrap list are inconsistent with production	Dave Vieglais	2016-03-15 16:49	d1_indexer
8032	Story	In Progress	Normal	GMN v2	Roger Dahl	2018-01-17 18:55	
7166	Story	New	Normal	Create ORE document for an NODC data package	Dave Vieglais	2015-06-08 18:50	
6069	Story	New	Normal	open ask.dataone.org sign-in to community	Dave Vieglais	2014-10-01 20:39	Documentation
6759	Story	New	Normal	ObjectFormat Management	Dave Vieglais	2015-01-19 23:17	
4052	Story	In Progress	Normal	OPeNDAP MN Story		2013-10-06 20:07	mn.OPeNDAP
7151	Story	In Progress	Normal	Generate system metadata for content	Dave Vieglais	2015-06-08 18:58	
7149	Story	Testing	Normal	Implement mechanism to retrieve a list of objects available from repository	Dave Vieglais	2015-06-05 13:37	
7219	Story	In Progress	Normal	Upgrade Django version used by GMN, add better support for PUT operations	Dave Vieglais	2016-03-25 01:24	
7170	Story	New	Normal	Evaluate the feasibility of extracting provenance information from the journal.txt document	Dave Vieglais	2015-06-08 21:28	

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7611	Story	New	Normal	ORNLDAAC fails during log aggregation	Laura Moyers	2016-01-26 16:39	Environment.Production
4091	Story	New	Normal	ESRI GeoPortal MN stack		2013-10-15 13:36	
7712	Story	New	Normal	Sanparks fails during LogAggregation	Laura Moyers	2016-04-06 16:43	Environment.Production
7640	Story	New	Normal	ONEShare failing with ServiceFailure	Laura Moyers	2016-02-12 16:39	Environment.Production
7095	Story	New	Low	Support HTTP redirect capability for GMN within the Vendor Specific Extension model	Dave Vieglais	2016-03-25 02:30	
7183	Story	New	Normal	Update wild card server certificate on all test.dataone.org systems	Dave Vieglais	2015-06-15 15:10	Support Operations
7358	Story	In Progress	Normal	ContactSubject on NodeList must be valid D1 ldap entry	Dave Vieglais	2016-12-21 09:05	Authentication, Authorization
7146	Story	In Progress	Normal	Determine formatId for content retrievable from NODC services	Dave Vieglais	2015-06-05 13:37	
8155	Story	In Progress	Normal	Ensure GMN fully supports the Package API	Roger Dahl	2018-01-17 18:43	d1_mn_GMN
8469	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
8235	Task	New	Normal	Arrange with KU library to make use of ORCID membership to support DataONE authentication	Dave Vieglais	2018-01-09 02:01	
8809	Task	New	Normal	Adjust portal.properties for certificate configuration		2019-05-21 12:57	
8369	Task	New	Normal	Verify operation and transfer DNS	Dave Vieglais	2018-02-15 17:40	
8776	Task	New	Normal	Set valid replica status to completed	Chris Jones	2019-03-12 15:57	d1_replication_auditor
8777	Task	New	Normal	Configure CN to audit objects greater than 1GB	Chris Jones	2019-03-13 20:50	d1_replication_auditor
8576	Task	New	Normal	Remove Code Changes Specific to Appearance of Data Citation for PANGAEA formatID	Monica Ihli	2018-04-30 13:29	
8778	Task	New	Normal	Ensure SystemMetadata replica auditing updates are saved and broadcast	Chris Jones	2019-03-12 16:54	d1_replication_auditor
8528	Task	New	Normal	Add MNRead.getVersions, CNRead.getVersions		2018-04-03 19:26	
8529	Task	New	Normal	Add field to Solr index that includes the obsolescence chain		2018-04-10 05:21	
8362	Task	New	Normal	Add the indication that the cn account list is sliced		2018-02-12 17:48	
8810	Task	New	Normal	Verify configuration of portal certificates		2019-05-21 13:00	
8499	Task	New	Normal	Improve rendering of http://www.isotc211.org/2005/gmd-pangaea in search UI		2018-05-01 01:07	
8514	Task	New	Normal	deploy new Metacat / synchronization slows down because of increased cn.create times	Rob Nahf	2018-03-22 17:07	d1_synchronization
8817	Task	New	Normal	Configure sitemaps on the CN	Jing Tao	2020-03-12 18:30	
8505	Task	New	Normal	Review solr terms for coverage of data citation elements	Monica Ihli	2018-03-19 21:57	
8506	Task	New	Normal	Identify ISO metadata terms appropriate for population of data citation elements of the solr search index		2018-10-04 18:17	
8507	Task	New	Normal	Support generation of citation metadata records from dublin core		2018-03-19 22:37	
8308	Task	New	Normal	Review use of /node/subject in the node documents		2018-02-06 20:05	
8858	Task	New	Normal	Update CN Apache configs in version control with directives to support sitemaps	Bryce Mecum	2020-02-24 19:26	

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8604	Task	New	Normal	Update the static IP lists for robots etc	Dave Vieglais	2018-06-07 20:56	d1_log_aggregation
8236	Task	New	Normal	Acquire ORCID API key under KU membership	Dave Vieglais	2018-01-09 02:21	
8237	Task	New	Normal	Configure production environment to use new API key under KU ORCID membership	Dave Vieglais	2018-01-09 02:21	Authentication, Authorization
8238	Task	New	Normal	Document contacts and procedure for using KU ORCID membership API key	Dave Vieglais	2018-01-09 02:22	Authentication, Authorization
8703	Task	New	Normal	test the cleaned up indexer in DEV	Rob Nahf	2018-09-24 18:05	d1_indexer
8739	Task	In Progress	Normal	Attempting to set ulimit results in error on UCSB systems	Jing Tao	2018-11-08 15:10	d1_process_daemon
8746	Task	New	Normal	Require email address from user when logging in via ORCID		2018-11-16 05:57	
8747	Task	New	Normal	Adjust package configuration to persist changes between updates	Dave Vieglais	2018-11-16 17:32	
8753	Task	New	Normal	Add support for EML 2.2 (indexing, view)	Bryce Mecum	2018-12-19 00:54	
8754	Task	New	Normal	Add EML 2.2 to CN formats list	Bryce Mecum	2018-12-19 00:54	
8755	Task	New	Normal	Expand EML indexing support for EML 2.2	Bryce Mecum	2019-08-15 01:50	
8775	Task	In Progress	Normal	Make taxonomic rank fields in Solr index non-case-sensitive	Bryce Mecum	2019-03-11 23:35	
8792	Task	New	Normal	Create landing page for redirection from ONEMercury		2019-05-01 14:03	
8793	Task	New	Normal	Replace ONEMercury installation		2019-05-01 14:04	
8804	Task	New	Normal	Add ldap backup config to cn os-core	Dave Vieglais	2019-05-21 12:32	dataone-cn-os-core
8807	Task	New	Normal	remove old versions of postgres		2019-05-21 12:47	
8808	Task	New	Normal	Remove old versions of Tomcat		2019-05-21 12:49	
8811	Task	New	Normal	Merge 2.3.9 changes to trunk	Jing Tao	2019-05-21 13:06	
8824	Task	In Progress	High	Install Apache 2.4.39 and disable TLSv1.3 on CNs	Dave Vieglais	2019-06-19 12:11	
3625	Task	New	Normal	Update existing SANParks doctype="metadata" objects to new ESRI/FGDC objectFormatId	Ben Leinfelder	2013-02-27 23:44	Environment.Production
3626	Task	New	Normal	Metacat should use correct object format for ESRI profile metadata	Ben Leinfelder	2013-02-27 23:56	Metacat
3635	Task	New	Normal	Phase two Morpho implementation	Ben Leinfelder	2013-03-25 22:49	
3643	Task	New	Normal	Decide on future of stage-2 environment	Robert Waltz	2015-01-14 00:41	
3721	Task	In Progress	Normal	add resource map validation routine to libclient_java	Rob Nahf	2015-02-11 20:42	d1_libclient_java
3728	Task	New	Normal	Update and augment architecture use cases to describe processes for property changes on system metadata	Dave Vieglais	2014-09-24 18:27	Documentation
3757	Task	New	Normal	Verify Log reporting in MN Tester	Rob Nahf	2013-05-10 17:42	d1_integration
3763	Task	New	Low	Visualize PyPI download statistics for Python components	Roger Dahl	2014-10-01 21:32	d1_dashboard
3768	Task	New	Normal	Add canonical DataONE description paper to citing DataONE web-page	Amber Budden	2013-05-16 22:20	Community Engagement
3807	Task	New	Normal	Add documentation for Types.QueryEngineDescription	Dave Vieglais	2014-10-02 17:21	Documentation
3810	Task	New	Normal	Identify and setup location for user oriented operational docs	Dave Vieglais	2014-09-24 18:27	Support Operations

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3811	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
3864	Task	In Progress	Normal	Release CCI 1.2.1 Features	Chris Jones	2013-09-12 20:04	Environment.Production
3878	Task	New	Normal	4.2.1.1 Missing and Out-of-Date Documentation	Dave Vieglaiss	2014-09-24 18:27	
3879	Task	New	Normal	4.2.1.2 Missing Policies and Expectations		2014-09-24 18:27	Environment.Production
3880	Task	New	Normal	4.2.1.3 CILogon Extension Not Documented		2014-09-24 18:27	Environment.Production
3881	Task	New	Normal	4.2.1.4 Definition of Verified User Lacking	Dave Vieglaiss	2014-09-24 18:27	Documentation
3891	Task	New	Normal	review vulnerability to BREACH attacks	Dave Vieglaiss	2013-08-07 15:01	Authentication, Authorization
3894	Task	New	Normal	This task contains all the bugs related to the story		2014-09-24 18:27	
3895	Task	New	Normal	Can we add bugs to a task in a story?		2014-09-24 18:27	
3901	Task	New	Normal	Review Mozilla Persona as an alternative for identity management	Dave Vieglaiss	2013-08-09 11:57	Documentation
3905	Task	In Progress	Normal	Sort out shell logins for splunk system	Bruce Wilson	2013-08-23 13:27	Support Operations
3907	Task	New	Normal	MN Integration Test - verify system metadata returned matches expected	Rob Nahf	2013-08-09 18:48	d1_integration
3924	Task	New	Normal	Pids in ObjectList should be the same as pids in the systemMetadata Map	Rob Nahf	2014-10-01 22:04	MNWebChecker
3925	Task	New	Normal	navigate through the ResourceMap confirm existence of identifiers on the MN	Rob Nahf	2014-10-01 22:04	MNWebChecker
3974	Task	New	Normal	Complete agenda for meeting	Dave Vieglaiss	2013-09-11 20:59	
3978	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
4053	Task	In Progress	Normal	Architect OPeNDAP MN	Dave Vieglaiss	2013-10-06 20:11	mn.OPeNDAP
4059	Task	New	Normal	Add test to verify node is reporting correct nodeId in log records	Rob Nahf	2013-10-07 19:10	
4098	Task	New	Normal	Synchronization should allow valid replicas held by MNs to set obsoletedBy and archive flags	Dave Vieglaiss	2014-07-31 22:23	d1_synchronization
4102	Task	New	Normal	Add expiration policy for CNCORE.reservedIdentifier()	Dave Vieglaiss	2014-10-02 17:21	Documentation
4120	Task	New	Normal	Display total data downloads in the SummaryView header	Skye Roseboom	2014-03-31 17:41	d1_dashboard
4125	Task	New	Normal	Mock up an informational section of the Member Node detail view	Chris Jones	2014-03-31 17:41	d1_dashboard
4136	Task	In Progress	Normal	Make cosmetic changes to the distribution map	Chris Jones	2014-03-31 17:41	d1_dashboard
4147	Task	In Progress	Normal	Modify d1_spatial_reporter.py to produce custom JSON output	Chris Brumgard	2014-03-31 17:41	d1_cn_tools
4189	Task	In Progress	Normal	Update dataoneErrors.xsd to match the documentation	Dave Vieglaiss	2017-01-14 00:24	d1_schemas
4190	Task	New	Normal	Update architecture docs to import dataoneErrors.xsd	Dave Vieglaiss	2014-09-24 18:28	Documentation
4192	Task	In Progress	Normal	Notify MN implementations of the discrepancy in exception definition	Dave Vieglaiss	2014-09-24 18:28	Management
4200	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
4210	Task	Testing	Immediate	Metacat does not set serialVersion correctly in CNodeService archive() or delete()	Chris Jones	2013-12-20 16:12	Metacat
4246	Task	In Progress	Normal	Determine why cn-stage-ucsb-1 LDAP syncrepl is failing	Michael Campfield	2014-10-31 17:42	Environment.Stage1

#	Tracker	Status	Priority	Subject	Assignee	Updated	Category
8230	Task	New	Normal	review bouncy castle version	Rob Nahf	2018-03-02 21:48	d1_libclient_java
4655	Task	New	Normal	Pom appears to bring in plugins as project dependencies (maven-jar-plugin, maven-clean-plugin)		2015-02-11 20:08	
4657	Task	New	Normal	Pom versions are mixed between properties and inline (e.g. <version>1.8.4</version>)	Rob Nahf	2015-02-11 20:08	
4660	Task	New	Normal	src/main/java has XML files	Robert Waltz	2015-02-11 20:08	d1_common_java
4661	Task	New	Normal	Deprecated methods give no indication of the (Java) version in which they will be removed		2015-02-11 20:08	
4663	Task	New	Normal	src/main/resources appears to have config for log4j through commons-logging but neither logging library is declared as a test scope dependency.		2015-02-11 20:08	
4664	Task	New	Normal	Related to above: Test classes bring in org.apache.log4j.Logger but it is not declared as a test dependency		2015-02-11 20:08	
4665	Task	New	Normal	Tests contain redundant code.		2015-02-11 20:08	
4666	Task	New	Normal	- All types have the same serialVersionUID (10000000)		2015-02-11 20:08	
4667	Task	New	Normal	- (Important!) No types implement equals or hashCode		2015-02-11 20:08	
4668	Task	New	Normal	- No types implement toString		2015-02-11 20:08	
4669	Task	New	Normal	- Regarding the style: A good addition to the types would be some builders, static factories and constructors as applicable		2015-02-11 20:08	
4670	Task	New	Normal	- Regarding the style: The types are fully mutable with no field validations or constraints.		2015-02-11 20:08	
4671	Task	In Progress	Normal	suggest updating the following versions:		2015-02-11 20:08	
4672	Task	In Progress	Normal	mvn dependencies:analyse shows transitive dependencies:		2015-02-11 20:08	
4673	Task	New	Normal	Pom has warnings:		2015-02-11 20:08	
4675	Task	New	Normal	Administratively delete those pids with the white spaces		2014-09-24 18:09	
4704	Task	New	Normal	Create a view of MN holdings from a CN perspective	Dave Vieglaiss	2014-04-09 15:33	
8105	Task	New	Normal	Remove dataone-mercury from production CNs	Jing Tao	2018-03-02 22:17	d1_mercury
4711	Task	New	Normal	replace SSL Certs for cn-unm-1.dataone.org		2014-09-24 18:14	
4712	Task	New	Normal	replace SSL cert for cn-ucsb-1.dataone.org		2014-09-24 18:14	
4713	Task	New	Normal	replace SSL cert fo cn-orc-1.dataone.org		2014-09-24 18:14	
4714	Task	In Progress	Normal	Refresh client certificate for MN urn:node:TFRI	Chris Jones	2014-09-24 18:14	Environment.Production
4715	Task	In Progress	Normal	Refresh client certificate for urn:node:CLOAKN	Chris Jones	2014-09-24 18:14	
4716	Task	In Progress	Normal	refresh client certificate for urn:node:DRYAD	Chris Jones	2014-09-24 18:14	Environment.Production
4717	Task	New	Normal	refresh client certificate for mn-unm-2.dataone.org		2014-09-24 18:14	
4719	Task	In Progress	Normal	Replace CN client certificate	Chris Jones	2014-09-24 18:14	Environment.Production
4722	Task	New	Normal	Clarify permissions for CN	Dave Vieglaiss	2014-10-02 17:21	



#	Tracker	Status	Priority	Subject	Assignee	Updated	Category
4723	Task	New	Normal	MN recognition of CN	Dave Vieglais	2014-10-02 17:21	
5136	Task	New	Normal	Change DNS settings on all DataONE VMs	Chris Jones	2014-05-08 03:16	Environment.Production
5137	Task	New	Normal	Fix DataONE CA chain file location in cn-buildout	Chris Jones	2014-04-25 15:06	d1_cn_buildout
5313	Task	New	Normal	enable remote deployment of product packages from Hudson / Jenkins	Rob Nahf	2015-02-11 20:34	
5498	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
5531	Task	Testing	Normal	Provide overview of replication process for MN implementors	Matthew Jones	2014-10-02 17:21	Documentation
5988	Task	New	Normal	Determine cause of ldap "server not responding" errors between prod CNs	Jing Tao	2014-07-22 23:18	Hardware
6025	Task	In Progress	Normal	Implement support for CCI v2.0 in Python stack	Roger Dahl	2014-08-01 15:49	
6026	Task	In Progress	Normal	d1_common CCI 2.0 support	Roger Dahl	2014-08-01 15:49	d1_common_python
6033	Task	In Progress	Normal	d1_libclient_python CCI 2.0 support	Roger Dahl	2014-08-11 16:22	d1_libclient_python
6034	Task	In Progress	Normal	d1_client_cli CCI 2.0 support	Roger Dahl	2014-08-11 16:23	d1_client_cli
6166	Task	New	Normal	CNRead.getChecksum() returns Content-Type of text/csv while it should be an xml type	Chris Jones	2014-08-29 15:04	d1_cn_service
6167	Task	New	Normal	Docs for CNRead.search() say "SOLR" in capital but actual API expects "solr" in lower case	Dave Vieglais	2014-10-02 17:21	Documentation
6168	Task	New	Normal	CNAuthorization.setRightsHolder() returns 500 ServiceFailure	Chris Jones	2014-08-29 16:01	d1_cn_service
6250	Task	New	Normal	CN methods return 500 ServiceFailure when called with bogus test data and without certificates	Chris Jones	2014-08-29 18:59	d1_cn_service
6367	Task	New	Normal	Update drive firmware on P2-1 UCSB SAN Array	Nick Outin	2014-09-08 20:19	Hardware
6372	Task	In Progress	Normal	rehabilitate ReplicationManager "unit" tests	Rob Nahf	2016-06-22 16:53	d1_replication
6375	Task	In Progress	Normal	Refactor out dependency on a working CN	Rob Nahf	2016-06-22 16:53	d1_replication
6376	Task	New	Normal	test the new strategy against working ReplicationManager test	Rob Nahf	2016-06-22 16:53	d1_replication
6378	Task	Testing	Normal	code up the new strategy	Rob Nahf	2016-06-22 16:53	d1_replication
6389	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	
6394	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
6396	Task	In Progress	Normal	embed jetty server in d1_integration to run WebTests locally	Rob Nahf	2014-10-01 20:34	MNWebChecker
6397	Task	New	Normal	test that it works from standalone .war	Rob Nahf	2014-10-01 20:34	MNWebChecker
6398	Task	New	Normal	update MNWebTest operations docs	Rob Nahf	2014-10-01 20:34	MNWebChecker
6399	Task	New	Normal	set up release practice for the MNWebTester .war	Rob Nahf	2014-10-01 20:34	MNWebChecker
6478	Task	New	Normal	move mncheck VM to a different VMhost	Dave Vieglais	2014-10-01 20:34	MNWebChecker
6483	Task	New	Normal	DataONE xsede VM at ORC	Michael Campfield	2014-10-24 10:54	
6511	Task	New	Normal	remove the deprecated MultipartRequestHandler class from d1_common_java	Rob Nahf	2015-02-11 20:04	d1_common_java
6514	Task	New	Normal	Reharvest all Records to build initial cache	Robert Waltz	2015-01-13 15:56	d1_log_aggregation

#	Tracker	Status	Priority	Subject	Assignee	Updated	Category
6565	Task	New	Normal	Configure Jenkins jobs for ezid (ezid-client)	Rob Nahf	2014-12-15 18:36	
6569	Task	New	Normal	configure jobs for tag 1.0.1, 1.0.0 and 0.9.0	Rob Nahf	2014-11-14 17:56	
6624	Task	New	Normal	link Node Identity arch. spec. to OperationDocs Node Reg page		2014-11-21 20:29	Documentation
6706	Task	New	Normal	CN-SANDBOX initiated synchronization with mnTestLTER before node was "approved"	Robert Waltz	2015-10-09 17:38	Environment.Sandbox
6748	Task	New	Normal	Create a factory / builder class for converting versioned types.		2015-02-11 19:47	
6754	Task	New	Normal	Architecture API loose ends	Dave Vieglais	2015-01-13 18:54	Architecture Design
6760	Task	New	Normal	rename mnDemo9 node		2015-01-14 00:44	
6761	Task	New	Normal	unregister extraneous nodes in STAGE-2		2015-01-14 00:49	Environment.Stage2
6843	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
6876	Task	New	Normal	Support for ISO 19139 metadata standard		2015-03-10 17:27	Format ID
6877	Task	New	Normal	Support for ISO 19115 metadata standard		2015-03-10 18:08	Format ID
7047	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
7104	Task	New	Normal	Event index reindexing shouldn't require re-harvest from MNs		2015-07-09 15:34	d1_log_aggregation
7096	Task	New	Normal	Unexpectedly closed streams / disconnects on UNM network	Dave Vieglais	2015-05-12 17:49	
7120	Task	Testing	Normal	Fix DataPackage.insertRelationship() to handle any URI for external identifiers	Chris Jones	2015-06-04 21:48	d1_libclient_java
7123	Task	New	Normal	Send Authorization header carrying authentication token	Roger Dahl	2016-04-21 22:37	d1_libclient_python
7125	Task	New	Normal	Handle Authorization header carrying authentication token	Roger Dahl	2016-04-21 22:37	
7127	Task	New	Normal	Finalize CNAAuthentication interface	Dave Vieglais	2015-05-21 19:31	api_documentation
7137	Task	Testing	Normal	Add support for V2 urls	Dave Vieglais	2016-03-25 01:27	
7138	Task	Testing	Normal	Create new view functions	Dave Vieglais	2016-03-25 01:27	
7139	Task	In Review	Normal	modify postgres schema	Dave Vieglais	2016-03-25 01:27	
7140	Task	In Review	Normal	Resolve sids to pids	Dave Vieglais	2016-03-25 01:27	
7148	Task	In Progress	Normal	Determine formatId for science metadata	Dave Vieglais	2015-09-22 16:27	
7155	Task	New	Normal	Design the connector, including sources of key information	Dave Vieglais	2015-06-05 11:42	
7162	Task	New	Low	Member node does not check with coordinating node before replicating		2015-06-05 23:49	
7167	Task	New	Normal	Generate system metadata for science metadata	Dave Vieglais	2015-06-08 18:58	
7168	Task	New	Normal	Generate system metadata for data objects	Dave Vieglais	2015-06-08 18:59	
7169	Task	New	Normal	Enable tracking of obsoletes / obsoleted by for data objects	Dave Vieglais	2015-06-08 19:01	
7176	Task	New	Normal	Develop textual documentation for certificate management	Dave Vieglais	2015-06-10 01:33	Documentation
7177	Task	New	Normal	Develop video documentation for certificate management	Dave Vieglais	2015-06-10 01:33	Documentation
7181	Task	In Progress	Normal	add d1_libclient_python implementation	Dave Vieglais	2016-04-21 22:37	d1_libclient_python
7184	Task	New	Normal	Create an Ansible script that can replace a server certificate	Nick Outin	2015-06-15 15:10	Support Operations

#	Tracker	Status	Priority	Subject	Assignee	Updated	Category
7199	Task	New	Normal	Implement support for token authentication approach	Dave Vieglais	2016-03-25 01:27	
7229	Task	New	Normal	non-standard server certificate locations	Roger Dahl	2016-04-21 22:37	
7256	Task	New	Normal	add cnclient.synchronize method	Roger Dahl	2016-04-21 22:37	
7279	Task	New	Normal	MN implementation documentation - need document management solution	Dave Vieglais	2015-07-28 22:24	Documentation
7427	Task	New	Normal	adjust API signatures in python libraries	Dave Vieglais	2016-03-25 01:11	d1_libclient_python
7389	Task	Testing	Normal	V2 D1Object fails to download V1 content	Chris Jones	2015-09-28 17:50	d1_libclient_java
7425	Task	New	Normal	Replace httplib low level use in RestClient with the requests library	Dave Vieglais	2016-03-25 02:03	d1_common_python
7439	Task	New	Normal	Update the search interface to support rendering and other actions for services	Dave Vieglais	2015-10-16 14:06	
7466	Task	In Progress	Normal	Some objects not accessible on the CN via REST API	Chris Jones	2015-11-05 16:11	Metacat
7498	Task	In Progress	Normal	Search UI deployments need to be automated	Chris Jones	2015-11-21 00:36	MetacatUI
7537	Task	New	Normal	add nodelist refreshes to NodeLocator classes	Rob Nahf	2015-12-10 16:59	d1_libclient_java
7538	Task	New	Normal	look at nodeFactory in how it builds mock CNodes	Rob Nahf	2015-12-10 17:03	d1_libclient_java
7571	Task	New	Normal	Description for error code 401, detail code 4957 is misleading in some cases		2016-01-05 16:25	
7606	Task	In Progress	Normal	NRDC does not trust the CN certificate for log harvesting	Laura Moyers	2016-04-06 16:14	Environment.Production
7607	Task	New	Normal	LTER_EUROPE refuses the production CN from harvesting log records	Laura Moyers	2016-06-09 16:34	Environment.Production
7612	Task	In Progress	Normal	Contact ORNLDAAC	Laura Moyers	2016-02-11 18:02	Environment.Production
7641	Task	New	Normal	contact ONEShare	Laura Moyers	2016-02-12 16:40	Environment.Production
7682	Task	New	Normal	Sluggish Purging Read Event Cache		2016-03-17 15:02	d1_log_aggregation
7702	Task	New	Normal	abnormal strings in ipAddress field of solr	Robert Waltz	2016-06-22 17:18	d1_log_aggregation
7703	Task	New	Normal	GMN populating ipAddress in LogEntry with abnormal strings	Roger Dahl	2016-06-22 17:19	
7744	Task	New	Normal	put together initial design		2016-06-22 17:19	
7750	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	
7765	Task	New	Normal	Add "logrotate" capability as part of the GMN deployment	Roger Dahl	2016-05-04 02:38	
7767	Task	New	Normal	In DataONE search results, move map display to map extent	Dave Vieglais	2016-05-04 18:31	
7774	Task	New	Normal	GMN: Move to Let's Encrypt		2016-05-09 22:16	
7821	Task	New	Low	Verify Expect: 100-Continue header on POST or PUT requests	Roger Dahl	2016-06-03 19:58	d1_libclient_python
7822	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
7838	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 Vieglais	2016-06-29 02:20	
7839	Task	New	Normal	Online documentation places synchronize in CNRead api	Dave Vieglais	2016-12-21 09:04	api_documentation
7849	Task	New	Normal	Improve exception messages when cascading SSL derived exceptions	Rob Nahf	2016-07-19 17:23	
7850	Task	New	Normal	Passing SID to MNRead.systemMetadataChanged()	Dave Vieglais	2016-07-20 20:00	
7883	Task	New	Normal	Document the log files of relevance on Coordinating Nodes		2016-09-09 20:20	

#	Tracker	Status	Priority	Subject	Assignee	Updated	Category
7884	Task	New	Normal	CN portal log is misconfigured	Rob Nahf	2016-09-09 20:18	d1_portal_servlet
7890	Task	In Progress	Normal	configure jenkins-ucsb-1 apache server to host ubuntu repositories	Rob Nahf	2017-04-19 19:12	
7910	Task	New	Normal	schema validation behavior	Rob Nahf	2018-01-18 02:41	d1_common_java
7903	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
7911	Task	New	Normal	Synchronization allows invalid checksums, preventing corrected sync		2016-10-17 15:58	d1_synchronization
7922	Task	New	Normal	DataONE Accessibility	Isis Serna	2016-10-31 23:05	
7935	Task	New	Normal	Use a dedicated hazelcast queue as the listener to generate index task	Jing Tao	2017-02-27 18:07	d1_indexer
7949	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	
7958	Task	In Progress	Normal	CN sometimes sends invalid submitSynchronizationFailed document to MN	Rob Nahf	2017-01-04 17:23	d1_synchronization
8066	Task	New	Normal	Verify completeness of unit test MetacatRdfXmlSubprocessorTest	Dave Vieglais	2017-04-11 23:47	d1_indexer
8026	Task	Testing	High	Portal reaches the maximum capacity in a pool	Jing Tao	2017-03-14 00:36	d1_portal_servlet
8078	Task	New	Normal	standardize task serialization for language independence	Rob Nahf	2017-04-25 22:39	d1_indexer
8070	Task	New	Normal	Consolidate the index application-context files	Jing Tao	2017-04-13 12:51	
8077	Task	New	Normal	Use ORE PID for citation if DOI		2017-04-24 16:32	
8079	Task	In Progress	Normal	prototype durable task processing for d1_index_processor	Rob Nahf	2017-04-26 05:45	d1_indexer
8080	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
3512	Task	New	Normal	Issue production client certificates for mn-{ucsb orc unm}-2.dataone.org replica target nodes	Dave Vieglais	2013-01-23 16:34	Environment.Production
907	Task	In Progress	Normal	unify d1_integration for multiple environments and test languages	Rob Nahf	2012-10-16 21:34	d1_integration
925	Task	New	Normal	Test for correct response to invalid input: CCI.ITK.FUSE-client		2011-10-31 20:32	d1_client_ONEDrive
991	Task	New	Low	implement HEAD /resolve/<guid>		2010-10-13 22:02	
995	Task	New	Normal	implement JSON formatted OLLs		2010-10-25 16:45	
1001	Task	New	Normal	Link documentation living with projects into ArchitectureDocs		2010-10-21 14:55	
1035	Task	In Progress	Normal	Develop reference architecture documents	Bruce Wilson	2011-03-03 19:26	Documentation
1047	Task	In Progress	Normal	Write Authentication system specification	Matthew Jones	2014-10-01 20:47	
1048	Task	In Progress	Normal	Write authorization system specification	Matthew Jones	2014-10-01 20:47	
1061	Task	In Progress	Normal	Identify approach to IdentityMapping	Matthew Jones	2014-10-01 20:47	
1073	Task	New	Normal	Design client application authentication redirection approach	Matthew Jones	2014-10-01 20:47	d1_identity_manager
1159	Task	In Progress	Normal	Add description of Group creation and management to design specs.	Matthew Jones	2014-10-01 20:47	
1225	Task	New	Normal	Configure Hudson Metacat build		2011-01-13 14:41	Metacat
1226	Task	New	Normal	Verify that cn buildout is using the hudson generated Metacat war		2011-01-13 14:57	d1_cn_buildout
1227	Task	New	Normal	configure Hudson to build Mercury for deployment to a CN	Dave Vieglais	2011-01-13 15:16	d1_mercury

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1234	Task	New	Normal	Record performance metrics for member nodes		2011-01-15 02:52	
1236	Task	New	Normal	Highly variable response times from cn.dataone.org		2011-01-17 16:34	d1_cn_service
1331	Task	New	Normal	Possibly combine MN_crud.create() and MN_crud.update()		2011-02-09 22:44	
1332	Task	New	Normal	Possibly remove MN_crud.update()		2011-02-09 22:50	
1333	Task	New	Normal	tracelInformation -> trace		2011-02-09 22:46	
1334	Task	New	Normal	Completely remove detailCode		2011-02-09 22:51	
1335	Task	New	Normal	Local caching of the d1 schema.		2011-02-09 22:56	
1339	Task	New	Normal	"common" -> "base" or "foundation"		2011-02-09 23:19	
1411	Task	New	Normal	Vendor Specific Extensions		2011-03-08 16:59	
1412	Task	New	Normal	MN health check performed by CN	Robert Waltz	2015-01-19 23:06	
1414	Task	New	Normal	How to represent additional Node attributes.		2011-03-09 06:16	
1442	Task	New	Normal	Identify monitoring and logging use cases and requirements	Dave Vieglais	2015-01-19 23:06	
1443	Task	New	Normal	Identify operational requirements for monitoring and logging	Dave Vieglais	2015-01-19 23:06	
1481	Task	New	Normal	Clarify spec that groups can own objects	Matthew Jones	2014-10-01 20:47	
1482	Task	New	Normal	Design mechanism to collapse two accounts into one	Matthew Jones	2014-10-01 20:47	
1467	Task	In Progress	Normal	Complete d1_schema changes for Authz and Authn.	Matthew Jones	2014-10-01 20:47	Documentation
1471	Task	New	Normal	Define implicit curator role at Member Nodes.	Matthew Jones	2014-10-01 20:47	
1472	Task	New	Normal	Explain revocation policies via MN curator.	Matthew Jones	2014-10-01 20:47	
1473	Task	New	Normal	Make default access policy explicit in Authz docs.	Matthew Jones	2014-10-01 20:47	
1474	Task	New	Normal	Design verification process for new accounts	Matthew Jones	2014-10-01 20:47	
1479	Task	In Progress	Normal	Design web UI for validating newly created identities	Ben Leinfelder	2015-01-19 22:59	
1484	Task	New	Normal	Decide on format for Principals	Matthew Jones	2014-10-01 20:47	
1485	Task	New	Normal	Clean up authn requirements listing	Matthew Jones	2014-10-01 20:47	
1494	Task	New	Normal	Create sequence diagrams for Authentication services.	Matthew Jones	2014-10-01 20:47	
1502	Task	New	Normal	Fix hierarchy of permission levels.	Matthew Jones	2014-10-01 20:47	Documentation
1518	Task	New	Normal	How to support caching		2011-05-04 14:33	
1519	Task	New	Normal	HTTP Byte Range Requests		2011-05-04 14:34	
1520	Task	New	Normal	Stream Output		2011-05-04 14:35	
1521	Task	New	Normal	Compressed Response		2011-05-04 14:35	
1527	Task	New	Normal	Allow AccessPolicy to be set for groups	Matthew Jones	2014-10-01 20:47	
1552	Task	New	Normal	Copy TestSimpleMultipartEntity from d1_common_java to d1_integration	Rob Nahf	2015-02-11 19:49	
1554	Task	New	Normal	Create MockHttpClient for testing in d1_common_java	Rob Nahf	2015-02-11 19:49	d1_common_java
1555	Task	New	Normal	Modify TestSimpleMultipartEntity for use with MockHttpClient	Rob Nahf	2015-02-11 19:49	d1_common_java

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1556	Task	In Progress	High	Interns mailing list		2011-05-12 23:02	
1559	Task	New	Low	Refactor d1_libclient_java echo tests	Rob Nahf	2015-02-11 19:49	d1_libclient_java
1585	Task	New	Low	add exec-maven-plugin to trigger python integration tests at verify phase.	Rob Nahf	2012-10-16 21:32	
1646	Task	New	Normal	Add addFormat() to the CNCORE API		2016-06-22 16:51	
1647	Task	New	Normal	Update d1_common_java ObjectFormatServiceImpl to include addFormat()		2016-06-22 16:51	d1_common_java
1648	Task	New	Normal	Update d1_libclient_java ObjectFormatCache to include addFormat()		2016-06-22 16:51	d1_libclient_java
1649	Task	New	Normal	Update Metacat's CNCOREImpl to include addFormat()		2016-06-22 16:51	
1650	Task	New	Normal	Update d1_cn_service ProxyCNCOREService and CNCOREController to include addFormat()		2016-06-22 16:51	
1651	Task	New	Normal	Update Metacat ResourceHandler to field the PUT call on /formats/fmtid		2016-06-22 16:51	
1660	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	
1671	Task	New	Normal	Need folder for DUG, accessible by DUG members	Matthew Jones	2011-07-12 12:09	Support Operations
1762	Task	New	Normal	Sketch CN components and associations	Dave Viegla	2014-10-02 17:40	
1808	Task	New	Normal	MNAuthorization.isAuthorized() -> assertAuthorized()		2011-10-04 16:08	
2791	Task	New	Normal	verify on dev machines	Dave Viegla	2012-05-21 17:41	d1_cn_buildout
1890	Task	New	Normal	Comply with Maven Central requirements for publishing artifacts	Matthew Jones	2011-10-27 21:39	
1961	Task	New	Normal	Types.ErrorMessage - does not exist	Dave Viegla	2014-10-02 17:21	Documentation
1983	Task	New	Normal	UC04 describes MNCORE.ping() with discovery capability	Dave Viegla	2014-10-02 17:21	Documentation
1986	Task	New	Normal	Update UC04 to use correct CN method for determining if a PID exists	Dave Viegla	2014-10-02 17:21	Documentation
2018	Task	New	Normal	document DataONE CA operations procedures	Matthew Jones	2012-04-23 17:53	Support Operations
2028	Task	New	Normal	Document VM specifications for CNs	Dave Viegla	2014-09-24 18:29	Management
2029	Task	New	Normal	Document VM specifications for replication MNs	Dave Viegla	2014-09-24 18:29	Management
2030	Task	New	Normal	Document the structure and interconnections of VM host hardware at UNM	Dave Viegla	2014-09-24 18:29	Hardware
2031	Task	New	Normal	Document the structure and interconnections of VM host hardware at UCSB	Nick Outin	2014-09-24 18:29	Hardware
2033	Task	New	Normal	Document hardware / CN administrators and their contact info	Dave Viegla	2014-09-24 18:29	Management
2035	Task	New	Normal	Design nagios system for monitoring CN locations	Nick Outin	2014-09-24 18:29	d1_monitor
2051	Task	New	Normal	Use subject instead of NodeRef		2011-11-23 18:11	Documentation
2053	Task	New	Normal	CNReplication.setReplicationStatus() - Add info about serialVersion		2014-10-02 17:21	
2054	Task	New	Normal	CNReplication.setReplicationPolicy(), updateReplicationMetadata()	Dave Viegla	2014-10-02 17:21	Documentation
2083	Task	New	Normal	Split the CN API into public and private sections	Dave Viegla	2014-10-02 17:21	Documentation
2123	Task	New	Normal	Description of serialVersion	Dave Viegla	2014-10-02 17:21	Documentation
2131	Task	New	Normal	CNRegister.updateNodeCapabilities() - nodeid -> nodeId	Dave Viegla	2014-10-02 17:21	
2133	Task	New	Normal	listObjects() datetime slicing		2011-12-12 23:15	

#	Tracker	Status	Priority	Subject	Assignee	Updated	Category
2142	Task	New	Normal	MNReplication.getReplica() - include PID in signature	Dave Vieglais	2014-10-02 17:21	Documentation
2147	Task	New	Low	The Python stack does not support Unicode supplementary characters (above 0xffff)	Roger Dahl	2012-04-16 03:50	d1_common_python
2151	Task	New	Normal	Ensuring that cited objects are not deleted		2011-12-23 04:20	
2168	Task	New	Normal	Design UI for identity validation	Ben Leinfelder	2015-01-19 22:59	
2169	Task	In Progress	Normal	Design content and layout for status page	Dave Vieglais	2012-03-14 20:40	d1_monitor
2172	Task	New	Normal	Types.DateTime: Example serialization without TZ designator	Dave Vieglais	2014-10-02 17:21	Documentation
2227	Task	New	Normal	Specify valid mimetypes for responses	Dave Vieglais	2014-10-02 17:21	Documentation
2281	Task	New	Low	Possibly update the Identity Management and Authenticated Session Management doc	Matthew Jones	2014-10-01 20:47	Authentication, Authorization
2286	Task	New	Low	Change Exceptions.InvalidToken to Exceptions.InvalidSession	Dave Vieglais	2014-10-02 17:21	Documentation
2343	Task	New	Normal	Convert style sheets to separate product	Ben Leinfelder	2012-02-15 17:43	
2344	Task	New	Normal	Add category for Ben's style sheets in Redmine	Dave Vieglais	2012-02-15 17:45	Support Operations
2342	Task	New	Normal	CNCore.reserveldentifier() - Update REST description	Dave Vieglais	2014-10-02 17:21	Documentation
2394	Task	New	Normal	CNRead.search() - solr / SOLR	Dave Vieglais	2014-10-02 17:21	Documentation
2414	Task	New	Normal	Implement exceptions for search/solr endpoint	Skye Roseboom	2015-01-19 22:49	
2415	Task	New	Normal	Implement exceptions for log endpoint	Robert Waltz	2015-01-19 22:49	
2464	Task	New	Normal	Authentication - no space after comma in subjects	Dave Vieglais	2014-10-02 17:21	Documentation
2465	Task	New	Normal	Authentication - Remove TODO about selecting format for principal name	Dave Vieglais	2014-10-02 17:21	Documentation
2466	Task	New	Normal	Authentication - Remove references to Principal	Dave Vieglais	2014-10-02 17:21	Documentation
2475	Task	New	Normal	CNReplication.setReplicationStatus() - How to represent null	Dave Vieglais	2014-10-02 17:21	Documentation
2545	Task	New	Normal	create d1_integration tests using for MN.generateIdentifier	Rob Nahf	2014-10-02 17:54	d1_integration
2487	Task	New	Normal	How does a CN handle the failure of MN replica to receive MNStorage.sytemMetadataChanged()	Robert Waltz	2016-08-10 20:51	
2492	Task	New	Normal	Add status page for given {pid}	Ben Leinfelder	2012-03-15 02:02	d1_monitor
2508	Task	New	Normal	MNStorage.delete(), MNStorage.update() - Action must be denied for replicas.	Dave Vieglais	2014-10-02 17:21	Documentation
2549	Task	New	Normal	document the decision	Matthew Jones	2012-03-27 22:03	Authentication, Authorization
2585	Task	In Progress	Normal	Update Use Case 09	Skye Roseboom	2014-09-11 15:47	d1_replication
2593	Task	New	Normal	Prepare science data and metadata content for the workshop	Dave Vieglais	2012-04-09 22:52	
2594	Task	New	Normal	Prepare a Mercury MN overview for the workshop	Giri Palanisamy	2012-04-09 22:59	mn.Mercury
2642	Task	In Progress	Normal	Try installing GMN according to the setup instructions	Andrew Pippin	2012-07-06 16:25	d1_mn_GMN
2646	Task	New	Normal	MNReplication.getReplica() - Add information about CNReplication.isNodeAuthorized()	Dave Vieglais	2014-10-02 17:21	Documentation
2660	Task	New	Normal	Deciding on a key size for D1 certs	Dave Vieglais	2014-10-02 17:21	Documentation

#	Tracker	Status	Priority	Subject	Assignee	Updated	Category
2664	Task	New	Normal	Create documentation for how transitivity is enacted for authorization	Matthew Jones	2014-10-01 20:47	Authentication, Authorization
2685	Task	New	Normal	Where's the WIFFM on the DataONE web site for the researcher user?		2012-05-01 15:31	Support Operations
2688	Task	New	Normal	Develop guidelines for how Subject entries are handled - creation, normalization, comparison	Dave Vieglaiss	2014-09-24 18:27	Documentation
2793	Task	New	Normal	MNRead.describe() - Document special requirement of returning D1 exceptions in header	Dave Vieglaiss	2014-10-02 17:21	Documentation
2794	Task	New	Normal	Exceptions: Remove unsupported exception serializations and add "header serialization"	Dave Vieglaiss	2014-10-02 17:21	Documentation
2809	Task	New	Normal	MNStorage.update() - Make behavior explicit	Dave Vieglaiss	2014-10-02 17:21	Documentation
2810	Task	New	Normal	setReplicationStatus() example rwt state transition is incorrect	Dave Vieglaiss	2014-10-02 17:21	Documentation
2826	Task	New	Normal	MNStorage.archive() - Permissions	Dave Vieglaiss	2014-10-02 17:21	Documentation
2827	Task	In Progress	Normal	nesting groups requires schema change*	Dave Vieglaiss	2015-06-25 22:00	d1_schemas
2896	Task	New	Normal	Modify the admin DN in createObjectformat script per environment	Chris Jones	2012-10-05 14:23	d1_cn_buildout
2956	Task	In Progress	Normal	content-checking tests for MNs entering an environment	Rob Nahf	2014-10-01 22:04	d1_integration
3046	Task	In Progress	Normal	Create utility to update ORE maps with invalid date formats	Ben Leinfelder	2012-08-14 23:41	
3057	Task	In Progress	Normal	retest CLOSE_WAIT issue once the lib client is complete.	Rob Nahf	2015-02-11 19:52	d1_libclient_java
3063	Task	New	Normal	Change Mutability of Metadata documentation	Dave Vieglaiss	2014-09-24 18:27	Documentation
3067	Task	New	Normal	Old DAAC PIDs to archive	Dave Vieglaiss	2013-01-02 14:14	mn.Mercury
3076	Task	New	Normal	Allow user to specify Morpho storage directory		2013-03-02 05:29	Morpho
3080	Task	New	Normal	Calling Dataone client library in morpho		2013-03-02 05:28	
3082	Task	New	Normal	Morpho should not rely on CN for any critical features		2013-03-02 05:26	Morpho
3108	Task	New	Normal	lastHarvested date is always equal to the current time.	Dave Vieglaiss	2012-07-30 22:11	
3109	Task	In Progress	Normal	PISCO/LTER revision history with SBC documents	Ben Leinfelder	2012-07-31 01:34	
3114	Task	In Progress	Normal	Release D1_CLIENT_CLI and prepare for version 2	Andrew Pippin	2012-08-02 17:27	
3115	Task	New	Normal	Get R client into working state.	Andrew Pippin	2012-08-02 17:32	
3142	Task	New	Normal	Need a new local search mechanism		2013-03-02 05:15	
3156	Task	New	Low	Design Review: resource map indexing strategy	Skye Roseboom	2012-08-27 18:51	d1_indexer
3166	Task	New	Normal	Add d1_common_java and d1_libclient_java and their dependency jar		2012-08-31 17:15	
3171	Task	New	Normal	Add d1_common_java d1_libclient_java and their dependency jar files to the morpho lib		2012-08-31 17:27	
3175	Task	New	Normal	Include dataoneTypes.xsd in Metacat registered schemas	Chris Jones	2012-10-05 14:23	Metacat
3308	Task	New	Normal	Document the process for removing content contributed from a specific member node and/or the entire member node	Dave Vieglaiss	2014-03-14 18:29	Support Operations
3313	Task	New	Normal	Configure indexer to handle inline eml data	Skye Roseboom	2012-10-08 21:01	d1_indexer



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3314	Task	New	Normal	CNRead.getQueryEngineDescription() - REST URL	Dave Vieglaiss	2014-10-02 17:21	Documentation
3315	Task	New	Normal	CNRead.query() - POST in addition to GET	Dave Vieglaiss	2014-10-02 17:21	Documentation
3328	Task	New	Normal	Enable a data preview from the search results page	Chris Jones	2012-10-23 19:34	d1_mercury
3332	Task	In Progress	Normal	Revise use cases and add sample code	Dave Vieglaiss	2014-09-24 18:27	Documentation
3333	Task	New	Low	Generalize mk_* scripts for host name	Dave Vieglaiss	2012-10-11 18:50	Support Operations
3357	Task	New	Normal	Address ISet iterator bug that only iterates over a subset of the ISet	Ben Leinfelder	2012-12-12 16:54	Metacat
3371	Task	New	Normal	unmarshalTypeFromFile method is using FileReader		2012-10-29 19:15	
3373	Task	New	Normal	If id contains "/", the MNode.getSystemMetadata method fails.		2012-11-06 02:05	
3380	Task	New	Normal	Upgrade d1_client_hzpeek to Hazelcast 2.x	Dave Vieglaiss	2012-12-12 16:50	
3419	Task	In Progress	Normal	CNRead.describe() does not return Content-Length header	Chris Jones	2013-02-21 18:41	Metacat
3438	Task	New	Normal	Evaluate utility of schema.org		2012-12-21 16:15	Documentation
3465	Task	New	Normal	Improve Metacat listObject slicing	Ben Leinfelder	2013-01-08 18:54	Metacat
3466	Task	New	Normal	Add synthetic key to systemMetadata table	Ben Leinfelder	2013-01-08 18:30	
3467	Task	New	Normal	MN.listObject should use auto-incremented key	Ben Leinfelder	2013-01-08 18:31	Metacat
3468	Task	New	Normal	Explore how CN.listObject can effectively use auto-incremented key	Ben Leinfelder	2013-01-08 18:35	Documentation

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