

## Issues

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated	Category
8796	Infrastructure	Story	New	Normal	Various issues with service access after upgrade to 18.04	Jing Tao	2019-05-21 12:38	
8683	Member Nodes	Story	New	Normal	USGS SDC: redeploy as a v2 Slender Node with GMN	John Evans	2019-05-15 14:03	
8234	Infrastructure	Story	New	Normal	Use University of Kansas ORCID membership to support authentication in production environment	Dave Vieglaiss	2018-01-09 19:10	Authentication, Authorization
8782	Infrastructure	Story	New	Normal	Upgrade OS to Ubuntu 18.04 on CNs	Jing Tao	2019-03-22 18:12	
8244	Member Nodes	Story	New	Normal	Upgrade Member Node to current version of Metacat (IOE)	Amy Forrester	2018-01-25 15:36	
7219	Python GMN	Story	In Progress	Normal	Upgrade Django version used by GMN, add better support for PUT operations	Dave Vieglaiss	2016-03-25 01:24	
7183	Infrastructure	Story	New	Normal	Update wild card server certificate on all test.dataone.org systems	Dave Vieglaiss	2015-06-15 15:10	Support Operations
8368	Infrastructure	Story	New	Normal	Update backup strategy for jenkins job configurations to subversion	Dave Vieglaiss	2019-01-22 19:25	Support Operations
7882	Infrastructure	Story	In Progress	Normal	Tune CN logfile management	Dave Vieglaiss	2018-01-17 19:03	
8525	Infrastructure	Story	In Progress	High	timeout exceptions thrown from Hazelcast disable synchronization	Rob Nahf	2018-11-16 17:32	d1_synchronization
8463	Testing MN Management	Story	New	Normal	test: Testing & Development		2018-03-01 21:04	
8347	Testing MN Management	Story	New	Normal	Testing & Development		2018-02-08 15:28	
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
7889	Infrastructure	Story	New	Normal	Synchronization not happening when authoritativeMN is not set correctly.	Rob Nahf	2018-01-17 19:01	d1_synchronization
8864	CN REST	Story	New	Normal	Sychronization does not register authoritative replica entry correctly	Jing Tao	2020-06-19 21:59	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
6543	Infrastructure	Story	New	Normal	Support RIF-CS metadata standard	Dave Vieglaiss	2018-01-17 19:46	Format ID
7095	Python GMN	Story	New	Low	Support HTTP redirect capability for GMN within the Vendor Specific Extension model	Dave Vieglaiss	2016-03-25 02:30	
7754	Search UI	Story	In Progress	Normal	Support for XSL transform of various metadata formats	Bryce Mecum	2018-05-17 14:18	MetacatUI
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
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
7712	Infrastructure	Story	New	Normal	Sanparks fails during LogAggregation	Laura Moyers	2016-04-06 16:43	Environment.Production

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated	Category
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
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
3720	Infrastructure	Story	New	Normal	resource maps should be validated	Dave Vieglaiss	2018-01-17 20:17	Documentation
8162	Infrastructure	Story	New	Normal	Replication tasks can contain stale potential target nodes	Rob Nahf	2018-03-02 21:47	d1_replication
8639	Infrastructure	Story	New	Normal	Replication performance is too slow to service demand	Chris Jones	2018-07-04 11:18	d1_replication
8582	CN REST	Story	New	Normal	Replica Auditing service is throwing errors	Jing Tao	2019-01-14 16:40	d1_replication_auditor
6056	Infrastructure	Story	New	Normal	remove log aggregation processing from d1-processing Linux service	Dave Vieglaiss	2018-01-17 19:55	d1_log_aggregation
5468	Python Libraries	Story	New	Low	Remove dead code from D1 Python stack	Roger Dahl	2018-01-17 19:57	
6071	Infrastructure	Story	In Progress	Normal	Release Notes and documentation	Dave Vieglaiss	2018-01-17 19:53	Documentation
8823	Infrastructure	Story	New	High	Recent Apache and OpenSSL combinations break connectivity on Ubuntu 18.04	Dave Vieglaiss	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
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
8833	Member Nodes	Story	New	Normal	Problems utilizing pyshacl within SlenderNodes	John Evans	2019-08-09 18:20	
8343	Testing MN Management	Story	New	Normal	Planning		2018-02-08 15:28	
8574	Search UI	Story	New	Normal	PANGAEA Temporary Fix: SID only in Data Citation	Bryce Mecum	2018-05-01 01:45	
7611	Infrastructure	Story	New	Normal	ORNLDAAAC 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
7640	Infrastructure	Story	New	Normal	ONEShare failing with ServiceFailure	Laura Moyers	2016-02-12 16:39	Environment.Production
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
6759	DataONE API	Story	New	Normal	ObjectFormat Management	Dave Vieglaiss	2015-01-19 23:17	

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated	Category
8535	Member Nodes	Story	In Progress	Normal	Neotoma: Story: Discovery & Planning	Amy Forrester	2018-04-09 21:14	
7810	Infrastructure	Story	New	Normal	Need to avoid buffer overflow condition during HTTP client TLS renegotiation	Rob Nahf	2018-01-17 19:09	
8727	Member Nodes	Story	In Progress	Normal	NCAR Discovery & Assessment		2019-01-22 18:34	
8352	Testing MN Management	Story	New	Normal	Move to Production		2018-02-08 15:28	
6796	Python Libraries	Story	New	Normal	Migrate to Python v3	Roger Dahl	2018-01-17 19:43	
8366	Infrastructure	Story	New	Normal	Migrate jenkins continuous integration from UNM to UCSB	Dave Vieglaiss	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 Vieglaiss	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
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
8515	Testing MN Management	Story	New	Normal	meow: Move to Production		2018-03-22 20:45	
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 Vieglaiss	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
8073	Python GMN	Story	New	Normal	Make sure unnecessary services are disabled	Roger Dahl	2018-01-17 18:48	
8853	Infrastructure	Story	New	Normal	Make cn.resolve smarter		2019-11-15 16:50	
8602	Infrastructure	Story	New	Normal	Log aggregation and augmentation process mid 2018 updates	Dave Vieglaiss	2018-06-07 20:49	d1_log_aggregation
8213	Member Nodes	Story	New	Normal	KUBI node is not responding as a MN	Dave Vieglaiss	2017-11-06 22:18	
8771	CN REST	Story	New	Normal	Issue with LDAP when updating `nodeReplicationPolicy`	Dave Vieglaiss	2019-03-05 19:43	d1_cn_rest
8770	CN REST	Story	New	Normal	Issue with CN handling of encoded identifiers in object/ meta/ node/, others?	Jing Tao	2019-03-05 19:37	d1_cn_rest
8172	Infrastructure	Story	In Progress	Normal	investigate atomic updates for some solr updates	Rob Nahf	2018-01-17 18:39	d1_indexer
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	
8758	Infrastructure	Story	New	Normal	Index replicationStatus field	Jing Tao	2019-01-14 18:00	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
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

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated	Category
4463	Infrastructure	Story	In Progress	Normal	Incorporate Node Replication Policy into replication processing	Rob Nahf	2018-01-17 20:03	d1_replication
8831	Member Nodes	Story	New	Normal	Import error with schema_org.data	John Evans	2019-08-05 18:57	
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
7149	OGC-Slender Node	Story	Testing	Normal	Implement mechanism to retrieve a list of objects available from repository	Dave Vieglaiss	2015-06-05 13:37	
8819	Member Nodes	Story	New	Normal	IEDA documents not in DataONE		2019-06-13 19:20	
8738	Infrastructure	Story	In Progress	Normal	HZEventFilter performance decline with increased task queue	Rob Nahf	2018-10-30 04:10	d1_indexer
7716	Infrastructure	Story	In Progress	Normal	How to facilitate resubmission of sync Failures?	Dave Vieglaiss	2018-01-17 19:22	d1_synchronization
8734	Infrastructure	Story	New	Normal	Hazelcast shutdown tied to out of memory exception!	Rob Nahf	2018-10-18 16:55	Metacat
8032	Python GMN	Story	In Progress	Normal	GMN v2	Roger Dahl	2018-01-17 18:55	
7151	OGC-Slender Node	Story	In Progress	Normal	Generate system metadata for content	Dave Vieglaiss	2015-06-08 18:58	
5895	Member Nodes	Story	New	Normal	GBIF: Transition to production		2018-01-22 18:41	
5838	Member Nodes	Story	New	Normal	GBIF: Testing		2019-01-28 14:39	
5867	Member Nodes	Story	New	Normal	GBIF: Registration in Production environment		2019-01-24 17:08	
5833	Member Nodes	Story	In Progress	Normal	GBIF: Developing		2019-02-19 18:24	
8779	Infrastructure	Story	New	Normal	ForesiteResourceMap performance issue	Rob Nahf	2019-03-25 18:48	d1_indexer
8749	CN REST	Story	New	Normal	Fix log aggregation events from the CN without associated CN IPs	Dave Vieglaiss	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
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
7170	OGC-Slender Node	Story	New	Normal	Evaluate the feasibility of extracting provenance information from the journal.txt document	Dave Vieglaiss	2015-06-08 21:28	
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
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
8155	Infrastructure	Story	In Progress	Normal	Ensure GMN fully supports the Package API	Roger Dahl	2018-01-17 18:43	d1_mn_GMN
8167	Infrastructure	Story	New	Normal	Enable postgres replication between Coordinating Nodes	Monica Ihli	2018-01-09 19:10	dataone-cn-os-core
4278	Infrastructure	Story	New	Normal	EML indexing - handle multiple temporalCoverage and spatialCoverage elements	Jing Tao	2018-01-17 20:04	d1_indexer
8074	Python GMN	Story	New	Normal	Eliminate unnecessary setuid/setgid programs	Roger Dahl	2018-01-17 18:48	
8849	Infrastructure	Story	New	Normal	During sync, the CN does not detect error returned from getChecksum()	Jing Tao	2019-11-06 22:07	

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated	Category
8367	Infrastructure	Story	New	Normal	Duplicate jenkins jobs from UNM to UCSB	Dave Vieglaiss	2019-01-22 19:25	Support Operations
8109	Infrastructure	Story	New	Normal	Does authentication token need to include group information?	Dave Vieglaiss	2018-01-17 18:45	Authentication, Authorization
8358	Member Nodes	Story	In Progress	Normal	Discovery & Planning (CAFF)	Amy Forrester	2018-04-06 14:56	
8340	Testing MN Management	Story	New	Normal	Discovery		2018-02-08 15:28	
8381	Testing MN Management	Story	New	Normal	Discovery		2018-02-27 17:32	
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 Vieglaiss	2018-01-17 19:34	Architecture Design
8081	Infrastructure	Story	In Progress	Normal	develop federated broker configuration for indexing	Rob Nahf	2018-01-17 18:46	d1_indexer
1644	DataONE API	Story	New	Normal	Develop an object format creation policy		2018-01-17 20:46	
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
7146	OGC-Slender Node	Story	In Progress	Normal	Determine formatId for content retrievable from NODC services	Dave Vieglaiss	2015-06-05 13:37	
2944	Infrastructure	Story	New	Normal	Design and implement a MN kill switch mechanism	Dave Vieglaiss	2018-01-17 20:30	Support Operations
5141	Infrastructure	Story	In Progress	Normal	Describe the mn.updateSystemMetadata behavior in use case document	Dave Vieglaiss	2018-01-17 19:58	Documentation
8862	Infrastructure	Story	New	Normal	Deploy a new dataone-cn-rest release	Jing Tao	2020-04-23 16:24	
8736	Infrastructure	Story	New	Normal	Decouple the index generator to the hazelcast system metadata map		2019-01-22 19:27	d1_indexer
4188	Infrastructure	Story	In Progress	Normal	dataone Exception definition and implementation requires clarification	Dave Vieglaiss	2018-01-17 20:05	d1_schemas
7650	Infrastructure	Story	New	Normal	DAO for SystemMetadata changes the SystemMetadata.replicationPolicy	Rob Nahf	2018-01-17 19:31	d1_cn_common
8634	Member Nodes	Story	New	Normal	DAAC: Testing & Development	Dave Vieglaiss	2018-07-02 14:55	
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
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
3666	Java Client	Story	In Progress	Low	D1Client.listUpdateHistory() needs to handle changing access policies	Rob Nahf	2018-01-17 20:19	d1_libclient_java
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
8564	Member Nodes	Story	New	Normal	(CyVerse) Testing & Development	Rob Nahf	2018-07-02 19:56	
8568	Member Nodes	Story	New	Normal	(CyVerse) Move to production		2018-04-23 21:18	
8225	Member Nodes	Story	In Progress	Normal	Customize Indexing & View for gmd-pangaea	Rob Nahf	2018-05-17 14:30	

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated	Category
7166	OGC-Slender Node	Story	New	Normal	Create ORE document for an NODC data package	Dave Vieglaiss	2015-06-08 18:50	
725	Infrastructure	Story	In Progress	Normal	Create Authentication and Access control design specifications	Dave Vieglaiss	2018-01-17 20:52	Documentation
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
3591	Infrastructure	Story	In Progress	Normal	Content consistency checks for new member nodes	Rob Nahf	2018-01-17 20:23	MNWebChecker
7358	Infrastructure	Story	In Progress	Normal	ContactSubject on NodeList must be valid D1 ldap entry	Dave Vieglaiss	2016-12-21 09:05	Authentication, Authorization
8038	Infrastructure	Story	In Progress	Normal	connect logging output to a log analysis tool	Dave Vieglaiss	2018-01-17 18:52	d1_synchronization
8832	Member Nodes	Story	New	Normal	Conflict between pyshacl and owl on ubuntu	John Evans	2019-08-05 19:32	
8791	Infrastructure	Story	New	Normal	Complete deprecation of ONEMercury interface	Rob Nahf	2019-05-01 14:00	d1_mercury
7807	Infrastructure	Story	New	Low	cn.synchronize should support synchronization failure corrections.		2018-01-17 19:15	Architecture Design
8851	Infrastructure	Story	New	Normal	CN sends error doc with "pid" to v2 endpoint	Jing Tao	2019-11-06 22:31	d1_synchronization
8806	Infrastructure	Story	New	Normal	Cleanup from OS upgrades		2019-05-21 12:45	
8307	Infrastructure	Story	New	Normal	Check node subject on node registration and subsequent calls	Jing Tao	2018-02-06 20:06	d1_cn_node_registry
2488	Infrastructure	Story	New	Normal	Changing the authoritativeMembernode will require all replica's systemMetadata be updated	Dave Vieglaiss	2018-01-17 20:39	d1_synchronization
8044	Infrastructure	Story	New	Normal	certificate manager should check expiration of CAs it loads into the trust manager.	Rob Nahf	2018-01-09 19:10	d1_libclient_java
8521	Member Nodes	Story	New	Normal	CAFF: Testing & Development		2018-04-06 15:17	
6850	Java Client	Story	New	Normal	automate Java Client releases	Rob Nahf	2018-01-17 19:42	d1_libclient_java
8589	Member Nodes	Story	New	Normal	ARM: Re-Discovery & Planning		2018-05-10 21:44	
8848	Infrastructure	Story	New	Normal	A minor difference of annotation index between CN and MN		2019-11-01 21:37	
4650	Infrastructure	Story	New	Normal	Allow MN to bias resolve to the authoritative MN	Rob Nahf	2018-01-17 20:00	d1_cn_common
8204	Infrastructure	Story	New	Normal	Adjust memory allocation for services running under JVM on CNs		2018-01-09 19:10	
8762	Infrastructure	Story	New	Normal	Add new formats to CN		2019-02-07 20:03	
7859	Infrastructure	Story	New	Normal	Add formatID for the STL 3d model file format	Dave Vieglaiss	2018-01-17 19:04	
8173	Infrastructure	Story	New	High	add checks for retrograde systemMetadata changes	Jing Tao	2018-01-17 18:38	d1_indexer
8835	Member Nodes	Story	New	Normal	Add ability for scanner to stop after a certain number of errors	John Evans	2019-08-12 19:16	
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	
4116	Member Nodes	Task	In Progress	Normal	Work with FRIM to upgrade Metacat to 2.2.1 or later	Jing Tao	2015-01-23 19:02	
7475	DUG	Task	New	Normal	Work with Erin/ESIP to distribute the brochure widely to students/faculty from UNC		2015-11-09 22:38	
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

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated	Category
5450	Member Nodes	Task	In Progress	Normal	(Waiting for) USC to complete development of MN stack (derived from GMN)	Laura Moyers	2018-08-31 15:26	
3763	Infrastructure	Task	New	Low	Visualize PyPI download statistics for Python components	Roger Dahl	2014-10-01 21:32	d1_dashboard
8247	Member Nodes	Task	New	Normal	Verify upgraded metacat is operating correctly as a production member node.	Jing Tao	2018-02-02 15:49	
5122	Member Nodes	Task	New	Normal	Verify/update information in TFRI's node registration	Chris Jones	2014-04-18 16:51	
1226	Infrastructure	Task	New	Normal	Verify that cn buildout is using the hudson generated Metacat war		2011-01-13 14:57	d1_cn_buildout
3868	Member Nodes	Task	In Progress	Normal	Verify TFRI node is running NTP	Ben Leinfelder	2013-08-05 17:25	
8369	Infrastructure	Task	New	Normal	Verify operation and transfer DNS	Dave Vieglaiss	2018-02-15 17:40	
2791	Infrastructure	Task	New	Normal	verify on dev machines	Dave Vieglaiss	2012-05-21 17:41	d1_cn_buildout
7930	Member Nodes	Task	In Progress	Normal	verify obsoletion in tDAR sandbox	Dave Vieglaiss	2016-12-01 23:47	
3757	Infrastructure	Task	New	Normal	Verify Log reporting in MN Tester	Rob Nahf	2013-05-10 17:42	d1_integration
7821	Python Libraries	Task	New	Low	Verify Expect: 100-Continue header on POST or PUT requests	Roger Dahl	2016-06-03 19:58	d1_libclient_python
8810	CN REST	Task	New	Normal	Verify configuration of portal certificates		2019-05-21 13:00	
8066	Infrastructure	Task	New	Normal	Verify completeness of unit test MetacatRdfXmlSubprocessorTest	Dave Vieglaiss	2017-04-11 23:47	d1_indexer
1411	Infrastructure	Task	New	Normal	Vendor Specific Extensions		2011-03-08 16:59	
4118	Member Nodes	Task	New	Normal	Validate FRIM sync against stage environment		2015-01-23 19:02	
7389	Java Client	Task	Testing	Normal	V2 D1Object fails to download V1 content	Chris Jones	2015-09-28 17:50	d1_libclient_java
3989	Member Nodes	Task	New	Normal	USGS Clearinghouse resource maps have discrepancies with CN	Ranjeet Devarakonda	2013-09-26 23:34	
2051	Infrastructure	Task	New	Normal	Use subject instead of NodeRef		2011-11-23 18:11	Documentation
8077	Search UI	Task	New	Normal	Use ORE PID for citation if DOI		2017-04-24 16:32	
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
8246	Member Nodes	Task	New	Normal	Upgrade metacat to the latest version	Jing Tao	2018-04-23 16:09	
3380	Infrastructure	Task	New	Normal	Upgrade d1_client_hzpeek to Hazelcast 2.x	Dave Vieglaiss	2012-12-12 16:50	
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 Vieglaiss	2014-10-02 17:21	Documentation
8604	Infrastructure	Task	New	Normal	Update the static IP lists for robots etc	Dave Vieglaiss	2018-06-07 20:56	d1_log_aggregation

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated	Category
7439	MN Service Registration	Task	New	Normal	Update the search interface to support rendering and other actions for services	Dave Viegla	2015-10-16 14:06	
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
6053	Member Nodes	Task	In Progress	Normal	Update science metadata files to include ORNL schema type	Ranjeet Devarakonda	2014-11-24 14:57	
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	
3906	Member Nodes	Task	New	High	Update malformed Resource Maps		2013-08-09 17:50	
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
1648	Java Client	Task	New	Normal	Update d1_libclient_java ObjectFormatCache to include addFormat()		2016-06-22 16:51	d1_libclient_java
1647	Java Client	Task	New	Normal	Update d1_common_java ObjectFormatServiceImpl to include addFormat()		2016-06-22 16:51	d1_common_java
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	
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
3567	Member Nodes	Task	New	Normal	Unresolvable content on CN from ONEShare		2016-06-03 13:43	
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	
907	Infrastructure	Task	In Progress	Normal	unify d1_integration for multiple environments and test languages	Rob Nahf	2012-10-16 21:34	d1_integration
7096	CN REST	Task	New	Normal	Unexpectedly closed streams / disconnects on UNM network	Dave Viegla	2015-05-12 17:49	
1983	Infrastructure	Task	New	Normal	UC04 describes MNCORE.ping() with discovery capability	Dave Viegla	2014-10-02 17:21	Documentation
1961	Infrastructure	Task	New	Normal	Types.ErrorMessage - does not exist	Dave Viegla	2014-10-02 17:21	Documentation



#	Project	Tracker	Status	Priority	Subject	Assignee	Updated	Category
2172	Infrastructure	Task	New	Normal	Types.DateTime: Example serialization without TZ designator	Dave Viegla	2014-10-02 17:21	Documentation
2642	Infrastructure	Task	In Progress	Normal	Try installing GMN according to the setup instructions	Andrew Pippin	2012-07-06 16:25	d1_mn_GMN
8346	Testing MN Management	Task	New	Normal	Training & Education		2018-02-08 15:28	
8531	Member Nodes	Task	New	Normal	Training & education		2018-04-06 15:11	
1333	Infrastructure	Task	New	Normal	traceInformation -> trace		2011-02-09 22:46	
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
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	
3597	Member Nodes	Task	New	Normal	The Avian Knowledge Network (AKN) and Cornell Lab of Ornithology eBird should be distinct Member Nodes	Ben Leinfelder	2014-04-23 01:32	
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
8466	Testing MN Management	Task	New	Normal	test: Test Registration		2018-03-01 21:04	
4665	Java Client	Task	New	Normal	Tests contain redundant code.		2015-02-11 20:08	
8350	Testing MN Management	Task	New	Normal	Test Registration		2018-02-08 15:28	
8566	Member Nodes	Task	In Progress	Normal	Test Registration	Rob Nahf	2019-04-16 17:17	
8464	Testing MN Management	Task	New	Normal	test: Metadata Validation		2018-03-01 21:04	
925	Infrastructure	Task	New	Normal	Test for correct response to invalid input: CCI.ITK.FUSE-client		2011-10-31 20:32	d1_client_ONEDrive
8145	Member Nodes	Task	New	Normal	Test Fabric	Monica Ihli	2017-07-19 00:44	
8467	Testing MN Management	Task	New	Normal	test: Display as Upcoming		2018-03-01 21:04	
8465	Testing MN Management	Task	New	Normal	test: Develop or Implement MN Software		2018-03-01 21:04	
8154	Member Nodes	Task	New	Normal	Test content from the test NKN member node should be archived or deleted from production		2017-07-26 19:55	
8149	Member Nodes	Task	New	Normal	Test 1.x to 2.x pip upgrade w/ no data	Monica Ihli	2017-09-26 15:57	
8345	Testing MN Management	Task	New	Normal	Technical Requirements		2018-02-08 15:28	

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated	Category
8723	Member Nodes	Task	New	Low	tDAR: Implemented IP Whitelisting on tDAR systems / Impacts to reporting	Amy Forrester	2018-10-02 16:51	
7686	Member Nodes	Task	Testing	High	tDAR - Enable URL links out to data from search results	Ben Leinfelder	2016-09-27 15:56	
4098	Infrastructure	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
7911	CN REST	Task	New	Normal	Synchronization allows invalid checksums, preventing corrected sync		2016-10-17 15:58	d1_synchronization
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
4671	Java Client	Task	In Progress	Normal	suggest updating the following versions:		2015-02-11 20:08	
1520	Infrastructure	Task	New	Normal	Stream Output		2011-05-04 14:35	
3994	Member Nodes	Task	New	Normal	Stories and bugs are showing up in the MN Dashboard; should be restricted to MNDeployment trackers	Dave Vieglaiss	2013-09-26 23:34	
7908	DUG	Task	New	Normal	Start a lesson learned document		2016-10-11 20:35	
8078	Infrastructure	Task	New	Normal	standardize task serialization for language independence	Rob Nahf	2017-04-25 22:39	d1_indexer
4663	Java Client	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	
4660	Java Client	Task	New	Normal	src/main/java has XML files	Robert Waltz	2015-02-11 20:08	d1_common_java
2083	Infrastructure	Task	New	Normal	Split the CN API into public and private sections	Dave Vieglaiss	2014-10-02 17:21	Documentation
2227	Infrastructure	Task	New	Normal	Specify valid mimetypes for responses	Dave Vieglaiss	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
7682	Log Reporting	Task	New	Normal	Sluggish Purging Read Event Cache		2016-03-17 15:02	d1_log_aggregation
1762	Infrastructure	Task	New	Normal	Sketch CN components and associations	Dave Vieglaiss	2014-10-02 17:40	
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
8776	CN REST	Task	New	Normal	Set valid replica status to completed	Chris Jones	2019-03-12 15:57	d1_replication_auditor
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
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 Vieglaiss	2014-10-02 17:21	Documentation
7123	Python Libraries	Task	New	Normal	Send Authorization header carrying authentication token	Roger Dahl	2016-04-21 22:37	d1_libclient_python
7498	Search UI	Task	In Progress	Normal	Search UI deployments need to be automated	Chris Jones	2015-11-21 00:36	MetacatUI
3260	Member Nodes	Task	New	Normal	Scope out the implementation of a CitSci.org MN	Bruce Wilson	2012-09-20 20:51	

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated	Category
7910	Infrastructure	Task	New	Normal	schema validation behavior	Rob Nahf	2018-01-18 02:41	d1_common_java
8498	Member Nodes	Task	In Progress	Normal	SANParks metacat not responding to harvest requests	Matthew Jones	2019-04-15 18:09	
3332	Infrastructure	Task	In Progress	Normal	Revise use cases and add sample code	Dave Vieglaiss	2014-09-24 18:27	Documentation
3891	Infrastructure	Task	New	Normal	review vulnerability to BREACH attacks	Dave Vieglaiss	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 Vieglaiss	2013-08-09 11:57	Documentation
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	
3774	Member Nodes	Task	New	Normal	return NotFound exceptions for /meta and /object calls using "near miss" identifiers	Ryan Scherle	2014-03-14 18:22	
3057	Java Client	Task	In Progress	Normal	retest CLOSE_WAIT issue once the lib client is complete.	Rob Nahf	2015-02-11 19:52	d1_libclient_java
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
7140	Python GMN	Task	In Review	Normal	Resolve sids to pids	Dave Vieglaiss	2016-03-25 01:27	
5449	Member Nodes	Task	In Progress	Normal	Resolve resource map issues for LTER-Europe	Chris Jones	2014-06-20 17:59	
8729	Member Nodes	Task	New	Normal	Requirements Analysis		2018-10-11 17:24	
8830	Member Nodes	Task	New	Normal	Requirements Analysis	John Evans	2019-08-06 14:44	
8746	Infrastructure	Task	New	Normal	Require email address from user when logging in via ORCID		2018-11-16 05:57	
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	
7425	Python Libraries	Task	New	Normal	Replace http lib low level use in RestClient with the requests library	Dave Vieglaiss	2016-03-25 02:03	d1_common_python
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	
6511	Java Client	Task	New	Normal	remove the deprecated MultipartRequestHandler class from d1_common_java	Rob Nahf	2015-02-11 20:04	d1_common_java
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	
8105	Infrastructure	Task	New	Normal	Remove dataone-mercury from production CNs	Jing Tao	2018-03-02 22:17	d1_mercury
8576	Search UI	Task	New	Normal	Remove Code Changes Specific to Appearance of Data Citation for PANGAEA formatID	Monica Ihli	2018-04-30 13:29	
3114	Infrastructure	Task	In Progress	Normal	Release D1_CLIENT_CLI and prepare for version 2	Andrew Pippin	2012-08-02 17:27	

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated	Category
3864	Infrastructure	Task	In Progress	Normal	Release CCI 1.2.1 Features	Chris Jones	2013-09-12 20:04	Environment.Production
4664	Java Client	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	
8222	Infrastructure	Task	New	Normal	reindex all isotc211 content in production to reflect final decisions from origin field mapping	Dave Vieglaiss	2018-03-22 16:56	d1_indexer
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
7532	DUG	Task	New	Normal	Registration Form for 2016.		2015-12-08 21:30	
8354	Testing MN Management	Task	New	Normal	Register in Production		2018-02-08 15:28	
4670	Java Client	Task	New	Normal	- Regarding the style: The types are fully mutable with no field validations or constraints.		2015-02-11 20:08	
4669	Java Client	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	
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
1559	Java Client	Task	New	Low	Refactor d1_libclient_java echo tests	Rob Nahf	2015-02-11 19:49	d1_libclient_java
1234	Infrastructure	Task	New	Normal	Record performance metrics for member nodes		2011-01-15 02:52	
8750	Member Nodes	Task	In Progress	Normal	reconnect eLTER MN to DataONE	Roger Dahl	2018-11-28 16:59	
6927	Member Nodes	Task	In Progress	Normal	R2R: Register any new object formats in all environments	Roger Dahl	2017-01-19 01:16	
7900	Member Nodes	Task	New	Normal	R2R: modify searchUI to accommodate cruise path display for single data package	Lauren Walker	2016-10-04 23:43	
7899	Member Nodes	Task	New	Normal	R2R: modify searchUI to accommodate composite data density with cruise paths	Lauren Walker	2016-10-05 03:51	
7531	DUG	Task	New	Normal	Quote request for EAB meeting		2015-12-08 20:13	
7744	Infrastructure	Task	New	Normal	put together initial design		2016-06-22 17:19	
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
2593	Infrastructure	Task	New	Normal	Prepare science data and metadata content for the workshop	Dave Vieglaiss	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

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated	Category
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
4657	Java Client	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	
4673	Java Client	Task	New	Normal	Pom has warnings:		2015-02-11 20:08	
4655	Java Client	Task	New	Normal	Pom appears to bring in plugins as project dependencies (maven-jar-plugin, maven-clean-plugin)		2015-02-11 20:08	
8730	Member Nodes	Task	New	Normal	Plan the Implementation (NCAR)		2018-10-11 17:21	
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 Vieglaiss	2016-07-20 20:00	
8673	Member Nodes	Task	New	Normal	Pangaea- GMN upgrade from 2.4.0 to 3.0.4	Roger Dahl	2018-09-04 18:48	
8378	Member Nodes	Task	In Progress	Normal	(OTS) replicate data	Amy Forrester	2018-07-31 18:49	
7839	DataONE API	Task	New	Normal	Online documentation places synchronize in CNRead api	Dave Vieglaiss	2016-12-21 09:04	api_documentation
8685	Member Nodes	Task	New	Normal	ONEShare - GMN upgrade 2.4.2 to 3.0.4	Roger Dahl	2018-08-23 17:18	
3067	Infrastructure	Task	New	Normal	Old DAAC PIDs to archive	Dave Vieglaiss	2013-01-02 14:14	mn.Mercury
8676	Member Nodes	Task	New	Normal	NRDC -GMN upgrade 2.4.2 to 3.0.4	Roger Dahl	2019-03-05 20:43	
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
4668	Java Client	Task	New	Normal	- No types implement toString		2015-02-11 20:08	
4192	Infrastructure	Task	In Progress	Normal	Notify MN implementations of the discrepancy in exception definition	Dave Vieglaiss	2014-09-24 18:28	Management
7229	Python GMN	Task	New	Normal	non-standard server certificate locations	Roger Dahl	2016-04-21 22:37	
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
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
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	
8681	Member Nodes	Task	New	Normal	NCEI - install new GMN	Roger Dahl	2019-03-05 18:20	

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated	Category
3925	Infrastructure	Task	New	Normal	navigate through the ResourceMap confirm existence of identifiers on the MN	Rob Nahf	2014-10-01 22:04	MNWebChecker
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
4672	Java Client	Task	In Progress	Normal	mvn dependencies:analyse shows transitive dependencies:		2015-02-11 20:08	
8355	Testing MN Management	Task	New	Normal	Mutual Acceptance		2018-02-08 15:28	
8668	Member Nodes	Task	New	Normal	MPC- upgrade GMN version 1.2.10 to 3.0.4	Roger Dahl	2019-03-05 20:35	
6478	Infrastructure	Task	New	Normal	move mncheck VM to a different VMhost	Dave Vieglaiss	2014-10-01 20:34	MNWebChecker
3374	Member Nodes	Task	New	Normal	Move kepler-library.org Metacat to new server	Ben Leinfelder	2012-11-08 00:31	
3082	Infrastructure	Task	New	Normal	Morpho should not rely on CN for any critical features		2013-03-02 05:26	Morpho
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 Vieglaiss	2016-06-29 02:20	
2896	Infrastructure	Task	New	Normal	Modify the admin DN in createObjectformat script per environment	Chris Jones	2012-10-05 14:23	d1_cn_buildout
1555	Java Client	Task	New	Normal	Modify TestSimpleMultipartEntity for use with MockHttpClient	Rob Nahf	2015-02-11 19:49	d1_common_java
7139	Python GMN	Task	In Review	Normal	modify postgres schema	Dave Vieglaiss	2016-03-25 01:27	
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
2809	Infrastructure	Task	New	Normal	MNStorage.update() - Make behavior explicit	Dave Vieglaiss	2014-10-02 17:21	Documentation
2508	Infrastructure	Task	New	Normal	MNStorage.delete(), MNStorage.update() - Action must be denied for replicas.	Dave Vieglaiss	2014-10-02 17:21	Documentation
2826	Infrastructure	Task	New	Normal	MNStorage.archive() - Permissions	Dave Vieglaiss	2014-10-02 17:21	Documentation
2142	Infrastructure	Task	New	Normal	MNReplication.getReplica() - include PID in signature	Dave Vieglaiss	2014-10-02 17:21	Documentation
2646	Infrastructure	Task	New	Normal	MNReplication.getReplica() - Add information about CNReplication.isNodeAuthorized()	Dave Vieglaiss	2014-10-02 17:21	Documentation
4723	Infrastructure	Task	New	Normal	MN recognition of CN	Dave Vieglaiss	2014-10-02 17:21	
2793	Infrastructure	Task	New	Normal	MNRead.describe() - Document special requirement of returning D1 exceptions in header	Dave Vieglaiss	2014-10-02 17:21	Documentation
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 Vieglaiss	2015-07-28 22:24	Documentation
1412	CN REST	Task	New	Normal	MN health check performed by CN	Robert Waltz	2015-01-19 23:06	
8232	Member Nodes	Task	New	Normal	MN Dashboard/Website Deployment Workflow Documentation	Dustin Allen	2018-01-08 23:30	

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated	Category
8344	Testing MN Management	Task	New	Normal	MN Communications		2018-02-22 19:47	
1808	Infrastructure	Task	New	Normal	MNAuthorization.isAuthorized() -> assertAuthorized()		2011-10-04 16:08	
3980	Member Nodes	Task	New	Normal	Missing content	Chris Jones	2013-09-25 21:48	
8348	Testing MN Management	Task	New	Normal	Metadata Validation		2018-02-08 15:28	
3626	Infrastructure	Task	New	Normal	Metacat should use correct object format for ESRI profile metadata	Ben Leinfelder	2013-02-27 23:56	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
8811	Infrastructure	Task	New	Normal	Merge 2.3.9 changes to trunk	Jing Tao	2019-05-21 13:06	
8517	Testing MN Management	Task	New	Normal	meow: Register in Production		2018-03-22 20:45	
8518	Testing MN Management	Task	New	Normal	meow: Mutual Acceptance		2018-03-22 20:45	
8516	Testing MN Management	Task	New	Normal	meow: Implement in Production		2018-03-22 20:45	
8519	Testing MN Management	Task	New	Normal	meow: Formal Announcement		2018-03-22 20:45	
7162	Python GMN	Task	New	Low	Member node does not check with coordinating node before replicating		2015-06-05 23:49	
8775	Infrastructure	Task	In Progress	Normal	Make taxonomic rank fields in Solr index non-case-sensitive	Bryce Mecum	2019-03-11 23:35	
3200	Member Nodes	Task	New	Normal	Make initial contact with USGS-NWRC	Mike Frame	2013-10-24 15:23	
3185	Member Nodes	Task	In Progress	Normal	Make initial contact with FRAMES for participation as a MN	Dave Vieglaiss	2012-09-05 02:12	
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
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
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	
7863	DUG	Task	New	Normal	Link to the recordings		2016-08-09 20:40	
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	
4046	Member Nodes	Task	In Progress	Normal	Laura to check with Mike re USGS-NWRC planning	Laura Moyers	2013-11-03 21:43	
3108	Infrastructure	Task	New	Normal	lastHarvested date is always equal to the current time.	Dave Vieglaiss	2012-07-30 22:11	

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated	Category
4117	Member Nodes	Task	New	Normal	Issue Test certs for FRIM		2015-01-23 19:02	
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
1556	Infrastructure	Task	In Progress	High	Interns mailing list		2011-05-12 23:02	
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	
8824	Infrastructure	Task	In Progress	High	Install Apache 2.4.39 and disable TLSv1.3 on CNs	Dave Viegla	2019-06-19 12:11	
3605	Member Nodes	Task	New	Normal	Install a new Metacat instance for the Avian Knowledge Network (AKN) member node	Ben Leinfelder	2013-02-21 16:20	
3198	Member Nodes	Task	New	Normal	Initial contact for the USGS MN	Mike Frame	2013-08-23 13:07	
8728	Member Nodes	Task	In Progress	Normal	Initial Communications (NCAR)	Amy Forrester	2018-10-04 17:24	
8341	Testing MN Management	Task	New	Normal	Initial Communications		2018-02-22 19:14	
8382	Testing MN Management	Task	New	Normal	Initial Communications		2018-02-27 17:32	
7767	Infrastructure	Task	New	Normal	In DataONE search results, move map display to map extent	Dave Viegla	2016-05-04 18:31	
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
7849	CN REST	Task	New	Normal	Improve exception messages when cascading SSL derived exceptions	Rob Nahf	2016-07-19 17:23	
4667	Java Client	Task	New	Normal	- (Important!) No types implement equals or hashCode		2015-02-11 20:08	
7199	Python GMN	Task	New	Normal	Implement support for token authentication approach	Dave Viegla	2016-03-25 01:27	
6025	Infrastructure	Task	In Progress	Normal	Implement support for CCI v2.0 in Python stack	Roger Dahl	2014-08-01 15:49	
995	Infrastructure	Task	New	Normal	implement JSON formatted OLLs		2010-10-25 16:45	
8353	Testing MN Management	Task	New	Normal	Implement in Production		2018-02-08 15:29	



#	Project	Tracker	Status	Priority	Subject	Assignee	Updated	Category
991	Infrastructure	Task	New	Low	implement HEAD /resolve/<guid>		2010-10-13 22:02	
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	
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	
1443	DataONE API	Task	New	Normal	Identify operational requirements for monitoring and logging	Dave Viegla	2015-01-19 23:06	
1442	DataONE API	Task	New	Normal	Identify monitoring and logging use cases and requirements	Dave Viegla	2015-01-19 23:06	
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
6380	Member Nodes	Task	New	Normal	ICMBIO: Initial Preparation		2015-11-19 17:21	
6382	Member Nodes	Task	In Progress	Normal	ICMBIO: Determine feasibility	Laura Moyers	2015-11-19 17:21	
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	
2487	CN REST	Task	New	Normal	How does a CN handle the failure of MN replica to receive MNStorage.systemMetadataChanged()	Robert Waltz	2016-08-10 20:51	
1236	Infrastructure	Task	New	Normal	Highly variable response times from cn.dataone.org		2011-01-17 16:34	d1_cn_service
7125	Python GMN	Task	New	Normal	Handle Authorization header carrying authentication token	Roger Dahl	2016-04-21 22:37	
8594	Member Nodes	Task	New	Normal	GOA: replicate to Research Workspace	Matthew Jones	2018-05-15 17:40	
7550	Member Nodes	Task	New	Normal	GoA portal not copying to KNB	Lauren Walker	2015-12-14 21:41	
8742	Member Nodes	Task	New	Normal	GMN upgrade from 2.4.1 to 3.2.0	Roger Dahl	2018-11-13 19:14	
7703	Python GMN	Task	New	Normal	GMN populating ipAddress in LogEntry with abnormal strings	Roger Dahl	2016-06-22 17:19	
7774	Infrastructure	Task	New	Normal	GMN: Move to Let's Encrypt		2016-05-09 22:16	
7980	Member Nodes	Task	New	Normal	GINA: Verify MN Content and Services in Testing Environment	Laura Moyers	2017-01-27 18:46	
7987	Member Nodes	Task	New	Normal	GINA: Verify MN Content and Services in Production	Laura Moyers	2017-01-27 22:16	
7982	Member Nodes	Task	New	Normal	GINA: Verify CN Content and Services in Testing Environment	Laura Moyers	2017-01-27 18:59	
7989	Member Nodes	Task	New	Normal	GINA: Verify CN Content and Services in Production	Laura Moyers	2017-01-27 22:18	
7984	Member Nodes	Task	New	Normal	GINA: Show MN as "upcoming" on the dashboard	Laura Moyers	2017-01-27 22:13	
7981	Member Nodes	Task	New	Normal	GINA: Register MN in Testing Environment	Laura Moyers	2017-01-27 18:47	
7988	Member Nodes	Task	New	Normal	GINA: Register MN in Production	Laura Moyers	2017-01-27 22:16	
7976	Member Nodes	Task	New	Normal	GINA: Register any new object formats in all environments	Laura Moyers	2017-01-27 18:45	

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated	Category
7990	Member Nodes	Task	New	Normal	GINA: Mutual acceptance	Laura Moyers	2017-01-27 22:18	
7977	Member Nodes	Task	New	Normal	GINA: Local Testing	Roger Dahl	2017-01-27 18:46	
7975	Member Nodes	Task	New	Normal	GINA: Implement search index and display support for any new metadata formats required by the MN.	Roger Dahl	2017-01-27 18:34	
7978	Member Nodes	Task	New	Normal	GINA: Establish DataONE user identity in Testing Environment	Laura Moyers	2017-01-27 18:44	
7985	Member Nodes	Task	New	Normal	GINA: Establish DataONE user identity in Production	Laura Moyers	2017-01-27 22:15	
7991	Member Nodes	Task	New	Normal	GINA: Ensure MN appears on Current MNs webpage (dashboard)	Laura Moyers	2017-01-27 22:19	
7992	Member Nodes	Task	New	Normal	GINA: Document and Announce	Laura Moyers	2017-01-27 22:19	
7979	Member Nodes	Task	New	Normal	GINA: Configure SSL Certificates for Testing Environment	Amy Forrester	2018-08-31 15:23	
7986	Member Nodes	Task	New	Normal	GINA: Configure SSL Certificates for Production	Amy Forrester	2018-08-31 15:22	
3115	Infrastructure	Task	New	Normal	Get R client into working state.	Andrew Pippin	2012-08-02 17:32	
8829	Member Nodes	Task	New	High	get DKAN connected to GMN	John Evans	2019-09-03 13:24	
7167	OGC-Slender Node	Task	New	Normal	Generate system metadata for science metadata	Dave Viegla	2015-06-08 18:58	
7168	OGC-Slender Node	Task	New	Normal	Generate system metadata for data objects	Dave Viegla	2015-06-08 18:59	
3333	Infrastructure	Task	New	Low	Generalize mk_* scripts for host name	Dave Viegla	2012-10-11 18:50	Support Operations
8534	Member Nodes	Task	New	Normal	GCOOS: Technical Requirements & Design Planning		2018-04-09 20:18	
5885	Member Nodes	Task	New	Normal	GBIF: Verify that the Science Metadata is correctly processed by CNs		2016-07-02 12:45	
5857	Member Nodes	Task	New	Normal	GBIF: Verify that the Science Metadata is correctly processed by CNs		2016-07-02 12:45	
5853	Member Nodes	Task	New	Normal	GBIF: Verify that the Science Data is returned with the correct HTTP Content-Type		2016-07-02 12:45	
5881	Member Nodes	Task	New	Normal	GBIF: Verify that the Science Data is returned with the correct HTTP Content-Type		2016-07-02 12:45	
5861	Member Nodes	Task	New	Normal	GBIF: Verify that Resource Maps are correctly processed by CNs.		2016-07-02 12:45	
5889	Member Nodes	Task	New	Normal	GBIF: Verify that Resource Maps are correctly processed by CNs.		2016-07-02 12:45	
5836	Member Nodes	Task	Testing	Normal	GBIF: Verify that MN passes the Web Tester	Rob Nahf	2018-09-26 19:57	
5872	Member Nodes	Task	New	Normal	GBIF: Verify successful installation of server side certificate		2016-07-02 12:45	
5871	Member Nodes	Task	New	Normal	GBIF: Verify successful installation of client side certificate		2016-07-02 12:45	
5856	Member Nodes	Task	New	Normal	GBIF: Verify Science Metadata is returned with the correct HTTP Content-Type		2016-07-02 12:45	
5884	Member Nodes	Task	New	Normal	GBIF: Verify Science Metadata is returned with the correct HTTP Content-Type		2016-07-02 12:45	
5883	Member Nodes	Task	New	Normal	GBIF: Verify Science Metadata content		2016-07-02 12:45	
5855	Member Nodes	Task	New	Normal	GBIF: Verify Science Metadata content		2016-07-02 12:45	

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated	Category
5882	Member Nodes	Task	New	Normal	GBIF: Verify Science Metadata		2016-07-02 12:45	
5854	Member Nodes	Task	New	Normal	GBIF: Verify Science Metadata		2016-07-02 12:45	
5852	Member Nodes	Task	New	Normal	GBIF: Verify Science Data content		2016-07-02 12:45	
5880	Member Nodes	Task	New	Normal	GBIF: Verify Science Data content		2016-07-02 12:45	
5879	Member Nodes	Task	New	Normal	GBIF: Verify Science Data		2016-07-02 12:45	
5851	Member Nodes	Task	New	Normal	GBIF: Verify Science Data		2016-07-02 12:45	
5886	Member Nodes	Task	New	Normal	GBIF: Verify Resource Maps		2016-07-02 12:45	
5858	Member Nodes	Task	New	Normal	GBIF: Verify Resource Maps		2016-07-02 12:45	
5860	Member Nodes	Task	New	Normal	GBIF: Verify Resource Map is returned with the correct HTTP Content-Type		2016-07-02 12:45	
5888	Member Nodes	Task	New	Normal	GBIF: Verify Resource Map is returned with the correct HTTP Content-Type		2016-07-02 12:45	

...