

## Metacat - Tickets grouped by Target version

| #                 | Tracker | Subject  | Status      | Priority  | Assignee        | Target version |
|-------------------|---------|--|-------------|-----------|-----------------|----------------|
| <b>2.3.0 (1)</b>  |         |  |             |           |                 |                |
| 6040              | Task    | Metacat-index does not handle <references>   | New         | High      | Jing Tao        | 2.3.0          |
| <b>2.x.y (53)</b> |         |  |             |           |                 |                |
| 3835              | Bug     | design and implement OAI-PMH compliant harvest subsystem   | In Progress | Immediate | Duane Costa     | 2.x.y          |
| 3402              | Bug     | internal dtlds are not handled   | In Progress | Immediate | ben leinfelder  | 2.x.y          |
| 3396              | Bug     | Enable event notification feature  | In Progress | Immediate | Chris Jones     | 2.x.y          |
| 421               | Bug     | create simple turnkey installer for metacat Phase II   | In Progress | Immediate | Michael Daigle  | 2.x.y          |
| 6416              | Feature | Do not allow restrictive access control change to content with a DOI   | In Progress | Normal    | ben leinfelder  | 2.x.y          |
| 5989              | Feature | Track data download, view and citation statistics  | In Progress | Normal    | Peter Slaughter | 2.x.y          |
| 5518              | Bug     | Track down the performance issue of metacat query.   | In Progress | Normal    | ben leinfelder  | 2.x.y          |
| 4551              | Bug     | performance enhancement through index reduction  | In Progress | Normal    | Jing Tao        | 2.x.y          |
| 3383              | Bug     | Create RPM/Deb installation utilities  | In Progress | Normal    | ben leinfelder  | 2.x.y          |
| 2180              | Bug     | Make it easier for admin to add new layers   | In Progress | Normal    | ben leinfelder  | 2.x.y          |
| 1452              | Bug     | dtd filenames clash if reused for multiple PUBLIC identifiers  | In Progress | Normal    | Matt Jones      | 2.x.y          |
| 1213              | Bug     | embeta6 to eml2 conversion stylesheets should be relocatable   | In Progress | Normal    | Saurabh Garg    | 2.x.y          |
| 1123              | Bug     | The DOM tree in EML parser probably cause memory issue   | In Progress | Normal    | Jing Tao        | 2.x.y          |
| 1122              | Bug     | XML document is a string in HttpServletRequest object  | In Progress | Normal    | Jing Tao        | 2.x.y          |
| 1542              | Bug     | SQL Server support broken  | New         | Immediate | Saurabh Garg    | 2.x.y          |
| 6437              | Story   | Upgrade to SOLR 4 or 5   | New         | Normal    | Jing Tao        | 2.x.y          |
| 6362              | Feature | Add an id to the year element in the citation in eml-indentifier.xsl   | New         | Normal    |                 | 2.x.y          |
| 6034              | Feature | Simplify configuration for certificate delegation  | New         | Normal    | ben leinfelder  | 2.x.y          |
| 5994              | Task    | Create REST API for accessing statistics   | New         | Normal    |                 | 2.x.y          |
| 5993              | Task    | Summarize and index statistics for fast access   | New         | Normal    |                 | 2.x.y          |
| 5992              | Task    | Track citations  | New         | Normal    |                 | 2.x.y          |
| 5991              | Task    | Track views  | New         | Normal    |                 | 2.x.y          |
| 5990              | Task    | Track downloads  | New         | Normal    |                 | 2.x.y          |
| 5830              | Bug     | Deployment directory incorrect   | New         | Normal    | ben leinfelder  | 2.x.y          |
| 5821              | Bug     | Allow certificate-based Metacat administration   | New         | Normal    | ben leinfelder  | 2.x.y          |
| 5547              | Bug     | Couldn't get the Register Data Form after login under Register Data tab on Sanparks skin   | New         | Normal    | Jing Tao        | 2.x.y          |
| 5522              | Bug     | download linked KNB data and convert links in EML to ORE packages  | New         | Normal    | ben leinfelder  | 2.x.y          |
| 5294              | Bug     | Enable Junit test on <a href="http://dev-testing.dataone.org:8080/hudson/job/Metacat/">http://dev-testing.dataone.org:8080/hudson/job/Metacat/</a> | New         | Normal    | Jing Tao        | 2.x.y          |

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| 5262                    | Bug     | EML document owner can't read the document   | New         | Normal    | ben leinfelder  | 2.x.y          |
| 5199                    | Bug     | OAI-PMH: Improve memory management of data provider catalog metadata   | New         | Normal    | Chad Berkley    | 2.x.y          |
| 5198                    | Bug     | OAI-PMH: Data provider may fail to trigger reharvest of documents  | New         | Normal    | Chad Berkley    | 2.x.y          |
| 5007                    | Bug     | ESA registry: Logout link appears even when not logged in  | New         | Normal    | Shaun Walbridge | 2.x.y          |
| 4602                    | Bug     | Enable TLS for all LDAP functions  | New         | Normal    | ben leinfelder  | 2.x.y          |
| 4573                    | Bug     | LDAP and Register CGIs reference skin-specific templates in the common area                                    | New         | Normal    | Chris Jones     | 2.x.y          |
| 4442                    | Bug     | Spatial indexing should not run and block metacat  | New         | Normal    | ben leinfelder  | 2.x.y          |
| 4044                    | Bug     | start time replication command doesn't work on replControl.html of dev skin                                    | New         | Normal    | Chad Berkley    | 2.x.y          |
| 3509                    | Bug     | Fix XML Schema filesystem namespace conflicts and backups  | New         | Normal    | ben leinfelder  | 2.x.y          |
| 3412                    | Bug     | Kml file needs work- data set points icon and points "splitting" when clicked on                               | New         | Normal    | Jing Tao        | 2.x.y          |
| 3024                    | Bug     | recordDelimiter and fieldDelimiter display the unicode number on KNB   | New         | Normal    | Chris Barteau   | 2.x.y          |
| 2986                    | Bug     | No need for restart tomcat after modifying metacat.properties  | New         | Normal    | Jing Tao        | 2.x.y          |
| 2849                    | Bug     | Bounding box problems when spanning the meridian   | New         | Normal    | Chris Barteau   | 2.x.y          |
| 2734                    | Bug     | Duplicates between organizations and more than one organization listed as a owner                              | New         | Normal    | Chris Barteau   | 2.x.y          |
| 2501                    | Bug     | Add links to FGDC-transformed version of EML documents   | New         | Normal    | Will Tyburczy   | 2.x.y          |
| 2313                    | Bug     | Metacat Skins: Skins should not be installed by default  | New         | Normal    | Chris Jones     | 2.x.y          |
| 2229                    | Bug     | Allowing web registry pull-down menu for "Station Name" to select multiple stations                            | New         | Normal    | Saurabh Garg    | 2.x.y          |
| 2228                    | Bug     | Use method other than metadata string filters for determining the organizations affiliated with a data package | New         | Normal    | Chris Barteau   | 2.x.y          |
| 2187                    | Bug     | Option to view map or metadata.  | New         | Normal    | Matthew Perry   | 2.x.y          |
| 2176                    | Bug     | Moderator UI and functionality for ESA   | New         | Normal    | Saurabh Garg    | 2.x.y          |
| 2159                    | Bug     | Metacat Performance: Divide xml_nodes based on the doctype   | New         | Normal    | Jing Tao        | 2.x.y          |
| 2130                    | Bug     | Not able to delete DPs from KNB  | New         | Normal    | ben leinfelder  | 2.x.y          |
| 1300                    | Bug     | Changes in DataSet Orignator   | New         | Normal    | Saurabh Garg    | 2.x.y          |
| 1299                    | Bug     | Registry: NCEAS: Changes in project list box   | New         | Normal    | Saurabh Garg    | 2.x.y          |
| 1297                    | Bug     | Registry: Changes in the Basic Information   | New         | Normal    | Saurabh Garg    | 2.x.y          |
| <b>Unspecified (59)</b> |         |  |             |           |                 |                |
| 2155                    | Bug     | Metacat Performace: Rewrite the xml_nodes queries  | In Progress | Immediate | Jing Tao        | Unspecified    |
| 6838                    | Support | LTER user can't log in   | In Progress | Normal    | ben leinfelder  | Unspecified    |
| 4245                    | Bug     | Harvester command line scripts don't execute   | In Progress | Normal    | Duane Costa     | Unspecified    |
| 4243                    | Bug     | Harvester db errors due to fixed character length overflow   | In Progress | Normal    | Duane Costa     | Unspecified    |
| 3360                    | Bug     | Many LDAP users not showing up in 'getprincipals' search   | In Progress | Normal    | Jing Tao        | Unspecified    |
| 2841                    | Bug     | ESA Registry edit feature does not work with submitted data sets   | In Progress | Normal    | Jing Tao        | Unspecified    |

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|------|---------|--|--------|-----------|-----------------|----------------|
| 3367 | Bug     | Harvester stores passwords in clear text   | New    | Immediate | Duane Costa     | Unspecified    |
| 3142 | Bug     | metacat client uses in-memory buffer for posting data                                    | New    | Immediate | Jing Tao        | Unspecified    |
| 1879 | Bug     | Metacat Performance: Summary   | New    | Immediate | Jing Tao        | Unspecified    |
| 5836 | Bug     | Logs   | New    | Normal    | ben leinfelder  | Unspecified    |
| 5835 | Bug     | Leaks  | New    | Normal    | ben leinfelder  | Unspecified    |
| 5828 | Bug     | docids not validated   | New    | Normal    | ben leinfelder  | Unspecified    |
| 5698 | Bug     | datapackage uploads to dev2 metacat are currently slow                                   | New    | Normal    | Jing Tao        | Unspecified    |
| 5608 | Bug     | Enable all FK constraints in Metacat production [copies]                                 | New    | Normal    | ben leinfelder  | Unspecified    |
| 5599 | Bug     | absence of line feeds in eml causes pathQuery to not find some elements                  | New    | Normal    | ben leinfelder  | Unspecified    |
| 5553 | Bug     | setaccess action may have deleting access rule functionality                             | New    | Normal    | ben leinfelder  | Unspecified    |
| 5548 | Bug     | Replace COS Mime multipart library   | New    | Normal    | ben leinfelder  | Unspecified    |
| 5535 | Bug     | The 611 CDR documents replicated to KNB need to be repaired by fixing their inline data. | New    | Normal    | ben leinfelder  | Unspecified    |
| 5239 | Bug     | Difficulties configuring and viewing Metacat replication log file                        | New    | Normal    | Chad Berkley    | Unspecified    |
| 5224 | Bug     | Scheduler part of SanParks skin needs to be updated                                      | New    | Normal    | Chad Berkley    | Unspecified    |
| 4892 | Bug     | ESA registry shouldn't allow accepted docs to be modified                                | New    | Normal    | Shaun Walbridge | Unspecified    |
| 4843 | Bug     | ESA registry: Remove 'station' default value from Organization Name                      | New    | Normal    | Shaun Walbridge | Unspecified    |
| 4840 | Bug     | When registering, U.S. State/Territory of owner is also applied to contact               | New    | Normal    | Shaun Walbridge | Unspecified    |
| 4676 | Bug     | registry did not let me see my data table, although permissions are set                  | New    | Normal    | Shaun Walbridge | Unspecified    |
| 4611 | Bug     | searching for soong_test seems to return entries with "soong test" as well as soong_test | New    | Normal    | Michael Daigle  | Unspecified    |
| 4437 | Bug     | allow-public-read rule is not being honored  | New    | Normal    | ben leinfelder  | Unspecified    |
| 4368 | Bug     | The response page is confusing after calling "buildindex" command                        | New    | Normal    | Michael Daigle  | Unspecified    |
| 4301 | Bug     | sessionid in the URL creates end-user difficulty   | New    | Normal    | Michael Daigle  | Unspecified    |
| 4283 | Bug     | use HTMLUnit to do unit / integration tests on pages                                     | New    | Normal    | Michael Daigle  | Unspecified    |
| 4023 | Bug     | In sanparks skin, Geographic Description Required  | New    | Normal    | Michael Daigle  | Unspecified    |
| 3920 | Bug     | ldapweb should use the correct location for 'organization' properties                    | New    | Normal    | Michael Daigle  | Unspecified    |
| 3830 | Bug     | Add the ability to modify multi-line properties  | New    | Normal    | Michael Daigle  | Unspecified    |
| 3783 | Bug     | Optimize ESA moderator queries   | New    | Normal    | Michael Daigle  | Unspecified    |
| 3773 | Bug     | Remove places where document is read into memory   | New    | Normal    | Michael Daigle  | Unspecified    |
| 3765 | Bug     | Backup configured passwords as encrypted values  | New    | Normal    | Michael Daigle  | Unspecified    |
| 3755 | Bug     | Change property service to return null for blank properties                              | New    | Normal    | Michael Daigle  | Unspecified    |
| 3742 | Bug     | Improve UI for selecting projects for NCEAS skin   | New    | Normal    | Michael Daigle  | Unspecified    |
| 3730 | Bug     | Implement an isRequired field in the configuration metadata                              | New    | Normal    | Michael Daigle  | Unspecified    |
| 3710 | Bug     | apt-get couldn't install metacat   | New    | Normal    | Michael Daigle  | Unspecified    |

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| 3619              | Bug     | Convert eml beta4 and beta6 documents to eml 210 in knb production server            | New         | Normal   | Jing Tao        | Unspecified    |
| 3592              | Bug     | Update sitemap generation and registration   | New         | Normal   | Michael Daigle  | Unspecified    |
| 3524              | Bug     | Refactor common test methods into base class   | New         | Normal   | Michael Daigle  | Unspecified    |
| 3511              | Bug     | combine XMLSchemaService and SchemaLocationResolver                                  | New         | Normal   | Michael Daigle  | Unspecified    |
| 3463              | Bug     | Registry upload: include organization/skin Keywords dropdown                         | New         | Normal   | ben leinfelder  | Unspecified    |
| 3460              | Bug     | remove Isid section from citation section of xsl for skins OTHER than ESA            | New         | Normal   | Jing Tao        | Unspecified    |
| 3435              | Bug     | Confusion on how Metcat searches a string which is different than Google             | New         | Normal   | Jing Tao        | Unspecified    |
| 3416              | Bug     | ArrayIndexOutOfBoundsException in DBConnectionPool                                   | New         | Normal   | Jing Tao        | Unspecified    |
| 3390              | Bug     | Data Catalog Map and IE 7.0.5730.11 brings up pop up windows that can be a problem   | New         | Normal   | Jing Tao        | Unspecified    |
| 3331              | Bug     | ldap redirect does not work correctly if one of the ldap servers are down            | New         | Normal   | Jing Tao        | Unspecified    |
| 3272              | Bug     | Add Keywords for SANParks and SAEON when uploading spatial data                      | New         | Normal   | ben leinfelder  | Unspecified    |
| 3224              | Bug     | Perl code should rely on canonical organization list provided by Metacat             | New         | Normal   | Michael Daigle  | Unspecified    |
| 3217              | Bug     | Create simple transformations to present permissions error messages in styled format | New         | Normal   | Jing Tao        | Unspecified    |
| 3175              | Bug     | Add a thread to build xml_queryresult table when metacat startup                     | New         | Normal   | Jing Tao        | Unspecified    |
| 3104              | Bug     | provide accessor for organization lists for clients to build login widgets           | New         | Normal   | Michael Daigle  | Unspecified    |
| 3100              | Bug     | Transformation from xml to html in Metacat read action sometimes take long time      | New         | Normal   | Jing Tao        | Unspecified    |
| 2553              | Bug     | squery needs to handle spatial query   | New         | Normal   | Michael Daigle  | Unspecified    |
| 2548              | Bug     | Architecture for filtering features from WMS requests                                | New         | Normal   | Michael Daigle  | Unspecified    |
| 4610              | Bug     | trying to register a dataset when logged in asks for another authentication          | New         | Low      | Michael Daigle  | Unspecified    |
| 4609              | Bug     | when viewed with saved credentials, KNB homepage shows blank entries                 | New         | Low      | Michael Daigle  | Unspecified    |
| <b>2.9.0 (17)</b> |         |  |             |          |                 |                |
| 7203              | Bug     | Improve D1NodeService.isAuthorized() performance                                     | In Progress | Normal   | Chris Jones     | 2.9.0          |
| 7229              | Bug     | Mis-Formatting of Data Package Contents  | New         | Normal   | ben leinfelder  | 2.9.0          |
| 7228              | Bug     | Error in sorting data-sets based on title in MetaCatUI                               | New         | Normal   | Jing Tao        | 2.9.0          |
| 7226              | Bug     | Perl Registry hangs on uploads   | New         | Normal   | Jing Tao        | 2.9.0          |
| 7224              | Bug     | Document the procedure of registering a new schema in Metacat                        | New         | Normal   | Jing Tao        | 2.9.0          |
| 7217              | Bug     | Report on metadata creation date in metadata quality summaries                       | New         | Normal   | Peter Slaughter | 2.9.0          |
| 7216              | Bug     | MDQClient.saveRun doesn't obsolete existing quality documents                        | New         | Normal   | Peter Slaughter | 2.9.0          |
| 7212              | Bug     | metacat-index missing metadata quality fields  | New         | Normal   | Peter Slaughter | 2.9.0          |
| 7204              | Task    | Use the Idaps protocol to connect the ldap server                                    | New         | Normal   | Jing Tao        | 2.9.0          |
| 7202              | Task    | Add documentation to indicate and help users Metacat only runs under Java 1.8        | New         | Normal   | Jing Tao        | 2.9.0          |
| 7199              | Bug     | Upgrade postgresql jdbc jar file on Metacat  | New         | Normal   | Jing Tao        | 2.9.0          |

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| 7177             | Task    | Ensure Metacat runs on Tomcat 8   | New         | Normal    | Jing Tao        | 2.9.0          |
| 7170             | Bug     | Ignore the access part change in the EML sax parser classes when users use dataone api to update an eml object  | New         | Normal    | Jing Tao        | 2.9.0          |
| 7150             | Bug     | Do not populate the "documents" Solr index field with a metadata object's own identifier  | New         | Normal    | Jing Tao        | 2.9.0          |
| 7148             | Story   | Upgrade Solr Server   | New         | Normal    | Jing Tao        | 2.9.0          |
| 7099             | Feature | Create a new admin page for Metacat admins to register schemas  | New         | Normal    | Jing Tao        | 2.9.0          |
| 7091             | Bug     | Metacat installation (the war file) doesn't include the FGDC schemas even though the loadtdschema file creates an entry in the xml_catalog table for it | New         | Normal    | Jing Tao        | 2.9.0          |
| <b>2.8.5 (1)</b> |         |   |             |           |                 |                |
| 7209             | Feature | Support for XSL transform of iso19115 metadata format   | New         | Normal    | Bryce Mecum     | 2.8.5          |
| <b>2.8.6 (1)</b> |         |   |             |           |                 |                |
| 7219             | Bug     | reCAPTCHA v1 will be turned off on March 31, 2018   | In Progress | Normal    | Jing Tao        | 2.8.6          |
| <b>None (38)</b> |         |   |             |           |                 |                |
| 6793             | Support | Update DOIs from KNB to redirect to view service  | In Progress | High      | ben leinfelder  |                |
| 195              | Bug     | allow metacat to store files on multiple fs   | In Progress | Normal    | Jing Tao        |                |
| 213              | Bug     | transaction support for packages  | New         | Immediate | Jing Tao        |                |
| 7234             | Bug     | Validate SystemMetadata.checksumAlgorithm in the DataONE API calls  | New         | Normal    | Jing Tao        |                |
| 7223             | Bug     | EZID metadata registration doesn't seem to work with SIDs   | New         | Normal    | Jing Tao        |                |
| 7222             | Feature | In the EML .xslts, take the "id" attribute set on entity elements (e.g. otherEntity) and put them in the HTML   | New         | Normal    | Lauren Walker   |                |
| 7215             | Bug     | Metacat produces an invalid ZIP archive when a package member has an invalid formatID   | New         | Normal    |                 |                |
| 7213             | Bug     | Document the EZID landing page template property  | New         | Normal    | Chris Jones     |                |
| 7210             | Bug     | View service duplicates EML Text content  | New         | Normal    | Bryce Mecum     |                |
| 7198             | Feature | Format solr engine description output   | New         | Normal    | Jing Tao        |                |
| 7182             | Bug     | Allow partial package downloads when some of the objects are private  | New         | Normal    | ben leinfelder  |                |
| 7181             | Bug     | Verify completeness of unit test MetacatRdfXmlSubprocessorTest  | New         | Normal    | Peter Slaughter |                |
| 7178             | Bug     | MNodeService.getPackage() takes too long for large packages   | New         | Normal    | Chris Jones     |                |
| 7173             | Feature | Add the measurementScale to the EML .xsl stylesheets  | New         | Normal    | Lauren Walker   |                |
| 7164             | Bug     | View service rendering EML project abstract incorrectly   | New         | Normal    | Bryce Mecum     |                |
| 7093             | Bug     | Metacat-index is not indexing all package members correctly   | New         | Normal    | Jing Tao        |                |
| 7092             | Bug     | Upgrade xerces and xalan lib  | New         | Normal    | Jing Tao        |                |
| 7062             | Bug     | Unable to login to admin interface intermittently, NullPointerException when fail   | New         | Normal    | Jing Tao        |                |
| 7061             | Bug     | Remove the oracle part on documentation   | New         | Normal    | Jing Tao        |                |

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| 7022 | Bug     | Fatal processing error when updating an object with incorrect sysmeta  | New    | Normal   |                |                |
| 6995 | Task    | Error message doesn't provide cause of error   | New    | Normal   |                |                |
| 6994 | Bug     | Bad call to MNStorage.update() via REST API can result in bad state and StackOverflowErrors  | New    | Normal   |                |                |
| 6959 | Bug     | http response charset not included   | New    | Normal   | ben leinfelder |                |
| 6952 | Bug     | error trying updating metadata on <a href="https://knb.ecoinformatics.org/#view/knb.894.1">https://knb.ecoinformatics.org/#view/knb.894.1</a>                        | New    | Normal   |                |                |
| 6951 | Feature | Develop XSLT for ISO-19119 for Member Node Services  | New    | Normal   |                |                |
| 6848 | Feature | Add link to send another verification email  | New    | Normal   | ben leinfelder |                |
| 6746 | Bug     | Should create a Ecogrid tag from SEEK/Branch_1_2_3 for Metacat   | New    | Normal   | Jing Tao       |                |
| 6649 | Bug     | Metacat MN.create method doesn't check if the identifier exists in CNs (dataone network)   | New    | Normal   | Jing Tao       |                |
| 6554 | Feature | Tag the Metacat doc pages to populate the docs index   | New    | Normal   | Lauren Walker  |                |
| 6516 | Bug     | Solr index doesn't work in the remote host in the replication when a host is ubuntu 12.04 and another one is ubuntu 14.04  | New    | Normal   |                |                |
| 6445 | Feature | Alter replicaPolicies.sh so that the script will iterate over pages of objects instead of updating the count in the code manually                                    | New    | Normal   | Lauren Walker  |                |
| 6355 | Feature | Print "N/A" or similar when EML fields don't exist rather than print a blank node  | New    | Normal   |                |                |
| 6225 | Bug     | Need a link for account skin to come back the home page  | New    | Normal   |                |                |
| 6185 | Bug     | Chinese characters are sorted before alphanumeric characters   | New    | Normal   |                |                |
| 6038 | Bug     | In the systemmetadata table on the dev2 machine, some guids have archived=false and obsoleted_by= null, but the guids are the values of obsoletes of the other rows. | New    | Normal   |                |                |
| 5243 | Bug     | ldapweb.cgi crashes with invalid password characters   | New    | Normal   | Jing Tao       |                |
| 4886 | Bug     | "DatabaseService is already registered" error after configuring Metacat  | New    | Normal   | ben leinfelder |                |
| 1324 | Bug     | A Commit or Save Work button that wrote intermediate results to the metadata   | New    | Normal   | Chris Jones    |                |