Requirements

| | # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Category |
|--|-----|--------------|-------------|--------|----------|---|---------------|------------------|----------------|
| 820 Requirements Requirement New High (Requirement) Common API for authentication and authorization operations Dave Vieglats 2010-09-06 21:23 Requirement 755 Requirements Requirement New High (Requirement) System must support revocation of user permissions Dave Vieglats 2010-09-06 21:23 Requirement 777 Requirements Requirement New High (Requirement) Authoritzation are view examined support common permissions Dave Vieglats 2010-09-06 21:23 Requirement 777 Requirements Requirement New High (Requirement) Authoritzation services should be compatible with existing Dave Vieglats 2010-09-06 03:10 Requirement 777 Requirement Requirement New High (Requirement) Authoritzation should be able to express the Dave Vieglats 2010-09-06 03:02 Requirement 778 Requirement Requirement High (Requirement) Authoritzation should support critical roles, such as curators and Dave Vieglats 2010-09-06 03:02 Requirement 789 Requirement Requirement New Hig | 822 | Requirements | Requirement | New | High | (Requirement) Object access and manipulation should be responsive | Dave Vieglais | 2010-09-06 20:27 | d1_common_java |
| 785 Requirements Requirements Requirement New High (Requirement) System must support revocation of user permissions Dave Vieiglas 2010-08-29 20.45 Requirement 777 Requirements Requirement New High (Requirement) Authorization rules should support common permission levels Dave Vieiglas 2010-08-29 20.45 Requirement 772 Requirements Requirement New High (Requirement) Authorization rules should be compatible with existing in minimate tructure and applications Dave Vieiglas 2010-08-10 0.51 Requirement 771 Requirements Requirement New High (Requirement) Authorization system should be able to express the permission Dave Vieiglas 2010-08-10 0.01 Requirement 772 Requirements Requirement New High (Requirement) Authorization system should be able to express the permissions Dave Vieiglas 2010-08-10 0.01 Requirement 773 Requirements Requirement New High (Requirement) Authorization system should be able to express the permission of purple systems administrators Dave Vieiglas 2010-08-10 0.00 Requirement | 821 | Requirements | Requirement | New | High | (Requirement) Sponsor required functionality | Dave Vieglais | 2010-09-06 03:28 | d1_common_java |
| 777 Requirements Requirements New High Requirement) Authorization rules should support common permission levels Dave Vieglas 2010-09-08 20.49 Requirement 772 Requirements Requirement New High (Requirement) Authorization services should be compatible with existing Dave Vieglas 2010-09-08 20.49 Requirement 771 Requirements Requirement New High (Requirement) User identities should have simple string serializations that express the companies of the compan | 820 | Requirements | Requirement | New | High | (Requirement) Common API for authentication and authorization operations | Dave Vieglais | 2010-09-06 21:23 | Requirement |
| 772 Requirements Requirements Requirements New High (Requirement) Authentication services should be compatible with existing infrastructure and applications Dave Vieglais 2010-08-11 07-54 Requirement infrastructure and applications 771 Requirements Requirement New High (Requirement) Lear identities should have simple string serializations that express both the user identity and namespace from which it is drawn Dave Vieglais 2010-08-10 03-12 Requirement 770 Requirements Requirement New High (Requirement) Authorization should be able to express the public of period-op-incipals concepts like 'public' Dave Vieglais 2010-08-11 00-34 Requirement 780 Requirements Requirement New High (Requirement) Authorization should support critical roles, such as curators and Dave Vieglais 2010-08-11 00-34 Requirement 780 Requirements Requirement New High (Requirement) Need default authrz policies that resolve problems associated Dave Vieglais 2010-08-11 00-34 Requirement 780 Requirements Requirement New High (Requirement) Users hould be able to express embargor nuc | 795 | Requirements | Requirement | New | High | (Requirement) System must support revocation of user permissions | Dave Vieglais | 2010-08-29 20:45 | Requirement |
| Requirements Requ | 777 | Requirements | Requirement | New | High | (Requirement) Authorization rules should support common permission levels | Dave Vieglais | 2010-09-06 20:49 | Requirement |
| Requirements Requirement Requi | 772 | Requirements | Requirement | New | High | | Dave Vieglais | 2010-08-11 07:54 | Requirement |
| Requirements Requirement New High (Requirement) Authorization should support critical roles, such as curators and part of system administrators Dave Vieglats 2010-09-06 03:02 Requirements 768 Requirements Requirement New High (Requirement) Need default authz policies that resolve problems associated with inaccessible principals Dave Vieglats 2010-09-10 03:02 Requirement 767 Requirements Requirement New High (Requirement) Users should be able to easily assign proxy privileges to other Dave Vieglats 2010-08-11 00:14 Requirement 768 Requirements Requirement New High (Requirement) Users should be able to easily assign proxy privileges to other Dave Vieglats 2010-08-11 00:14 Requirement 769 Requirements Requirement New High (Requirement) Users should be able to easily assign proxy privileges to other Dave Vieglats 2010-09-06 20:30 Requirement 769 Requirements Requirement New High (Requirement) Tools can access an API for authn and authr Dave Vieglats 2010-09-06 20:32 Requirement 760 <t< td=""><td>771</td><td>Requirements</td><td>Requirement</td><td>New</td><td>High</td><td>(Requirement) User identities should have simple string serializations that express both the user identity and namespace from which it is drawn</td><td>Dave Vieglais</td><td>2010-09-06 03:12</td><td>Requirement</td></t<> | 771 | Requirements | Requirement | New | High | (Requirement) User identities should have simple string serializations that express both the user identity and namespace from which it is drawn | Dave Vieglais | 2010-09-06 03:12 | Requirement |
| Requirements Requirement New High (Requirement) New High (Requirement) Users need to be able to express embargo rules for data Dave Vieglais 2010-08-11 00:16 Requirement Requirements Requirement New High (Requirement) Users need to be able to express embargo rules for data Dave Vieglais 2010-08-11 00:16 Requirement Requirements Requirement New High (Requirement) Users need to be able to express embargo rules for data Dave Vieglais 2010-08-11 00:16 Requirement Requirements Requirement New High (Requirement) Users should be able to easily assign proxy privileges to other users and to systems acting on their behalf for limited time durations 2010-08-11 00:11 Requirement New High (Requirement) Tools can access an API for authn and authz Dave Vieglais 2010-09-06 20:30 Requirement Requirements Requirement New High (Requirement) Authentication and access control should be consistently available available (Requirement) Authentication and authorization services are geographically Dave Vieglais 2010-09-06 20:32 Requirement Requirement New High (Requirement) Authentication and authorization services are geographically Dave Vieglais 2010-09-06 20:52 Requirement Requirement Requirement New High (Requirement) User identities can be derived from existing institutional directory services (Requirement) Users can specify authorization rules for data objects, science Dave Vieglais 2010-09-06 03:01 Requirement Requirement New High (Requirement) Users can specify authorization rules for data objects, science Dave Vieglais 2010-09-06 03:01 Requirement Requirement Requirement New High DataONE needs to synchronize metadata between MNs and CNs Robert Waltz 2010-09-06 02:28 d1_cn_service Requirements Requirement New Low (Requirement) System supports multiple types of science metadata Requirements Requirement New Low (Requirement) System supports multiple types of science metadata | 770 | Requirements | Requirement | New | High | | Dave Vieglais | 2010-08-11 00:41 | Requirement |
| RequirementsRequirementNewHigh(Requirement) Users need to be able to express embargo rules for dataDave Vieglats2010-08-11 00:16Requirement766RequirementsRequirementNewHigh(Requirement) Users should be able to easily assign proxy privileges to other users and to systems acting on their behalf for limited time durationsDave Vieglats2010-08-01 00:11Requirement765RequirementsRequirementNewHigh(Requirement) Tools can access an API for authn and authrDave Vieglats2010-09-06 20:30Requirement764RequirementsRequirementNewHigh(Requirement) Authentication and access control should be consistently availableDave Vieglats2010-09-06 20:32Requirement763RequirementsRequirementNewHigh(Requirement) Authentication and authorization services are geographically replicatedDave Vieglats2010-09-06 20:32Requirement762RequirementsRequirementNewHigh(Requirement) User identities can be derived from existing institutional directory servicesDave Vieglats2010-09-06 03:01Requirement761RequirementsRequirementNewHigh(Requirement) User identities can be derived from existing institutional directory servicesDave Vieglats2010-09-06 03:01Requirement632RequirementsRequirementNewLow(Requirement) Monitor the DataONE infrastructureDave Vieglats2010-09-06 03:06Requirement592RequirementsRequirementN | 769 | Requirements | Requirement | New | High | | Dave Vieglais | 2010-09-06 03:02 | Requirement |
| Requirements Requirement New High (Requirement) Users should be able to easily assign proxy privileges to other users and to systems acting on their behalf for limited time durations Requirements Requirement New High (Requirement) Tools can access an API for authn and authz Requirements Requirement New High (Requirement) Authentication and access control should be consistently available Requirements Requirement New High (Requirement) Authentication and authorization services are geographically pave Vieglais 2010-09-06 20:32 Requirement Requirements Requirement New High (Requirement) Authentication and authorization services are geographically pave Vieglais 2010-09-06 20:32 Requirement Requirements Requirement New High (Requirement) User identities can be derived from existing institutional directory services Requirements Requirement New Low (Requirement) Users can specify authorization rules for data objects, science metadata objects, and process artifacts separately Requirements Requirement New High DataONE needs to synchronize metadata between MNs and CNs Robert Waltz 2010-09-06 03:26 d1_con_service Requirements Requirement New Low (Requirement) System supports multiple types of science metadata Requirements Requirement New Low (Requirement) System supports multiple types of science metadata Requirements Requirement New Low (Requirement) All software developed on the project should be open source Dave Vieglais 2010-09-16 03:26 Requirements Requirement New Low (Requirement) System supports multiple types of science metadata Requirements Requirement New Low (Requirement) All software developed on the project should be open source Dave Vieglais 2010-04-15 22:57 | 768 | Requirements | Requirement | New | High | | Dave Vieglais | 2010-08-11 00:34 | Requirement |
| RequirementsRequirementNewHigh(Requirement) Tools can access an API for authn and authzDave Vieglais2010-09-06 20:30Requirement764RequirementsRequirementNewHigh(Requirement) Authentication and access control should be consistently availableDave Vieglais2010-09-06 20:32Requirement763RequirementsRequirementNewHigh(Requirement) Authentication and authorization services are geographically replicatedDave Vieglais2010-09-06 20:52Requirement762RequirementsRequirementNewHigh(Requirement) User identities can be derived from existing institutional directory servicesDave Vieglais2010-09-06 03:01Requirement761RequirementsRequirementNewHigh(Requirement) Users can specify authorization rules for data objects, science metadata objects, science metadata objects, science metadata objects, science metadata objects, science metadataDave Vieglais2010-09-06 03:01Requirement632RequirementsRequirementNewLow(Requirement) Monitor the DataONE infrastructureDave Vieglais2010-05-28 20:10 | 767 | Requirements | Requirement | New | High | (Requirement) Users need to be able to express embargo rules for data | Dave Vieglais | 2010-08-11 00:16 | Requirement |
| Requirements Requirement New High (Requirement) Authentication and access control should be consistently available Requirements Requirement New High (Requirement) Authentication and authorization services are geographically replicated Requirements Requirement New High (Requirement) User identities can be derived from existing institutional directory services Requirements Requirement New High (Requirement) Users can specify authorization rules for data objects, science metadata objects, and process artifacts separately Requirements Requirement New Low (Requirement) Monitor the DataONE infrastructure Requirements Requirement New Low (Requirement) System supports multiple types of science metadata Requirements Requirement New Low (Requirement) System supports multiple types of science metadata Requirement Dave Vieglais 2010-09-06 02:28 20:10 2010-09-06 | 766 | Requirements | Requirement | New | High | | Dave Vieglais | 2010-08-11 00:11 | Requirement |
| Available are deviced services are geographically available available available available available available available available available are deviced from existing institutional available availa | 765 | Requirements | Requirement | New | High | (Requirement) Tools can access an API for authn and authz | Dave Vieglais | 2010-09-06 20:30 | Requirement |
| replicated Requirements Requirement Requi | 764 | Requirements | Requirement | New | High | 1, , | Dave Vieglais | 2010-09-06 20:32 | Requirement |
| directory services Requirements Requirement New Low (Requirement) Monitor the DataONE infrastructure Requirements Requirement New Low (Requirement) Monitor the DataONE infrastructure Requirements Requirement New Low (Requirement) Monitor the DataONE infrastructure Requirements Requirement New High DataONE needs to synchronize metadata between MNs and CNs Robert Waltz 2010-09-06 02:28 d1_cn_service Requirements Requirement New Low (Requirement) System supports multiple types of science metadata Requirements Requirement New Low (Requirement) All software developed on the project should be open source Dave Vieglais 2010-04-15 22:57 | 763 | Requirements | Requirement | New | High | | Dave Vieglais | 2010-09-06 20:52 | Requirement |
| metadata objects, and process artifacts separately Requirements Requirement New Low (Requirement) Monitor the DataONE infrastructure Requirements Requirement New High DataONE needs to synchronize metadata between MNs and CNs Robert Waltz 2010-09-06 02:28 d1_cn_service Requirements Requirement New Low (Requirement) System supports multiple types of science metadata Requirements Requirement New Low (Requirement) All software developed on the project should be open source Dave Vieglais 2010-04-15 22:57 | 762 | Requirements | Requirement | New | High | | Dave Vieglais | 2010-09-06 03:01 | Requirement |
| Requirements Requirement New High DataONE needs to synchronize metadata between MNs and CNs Robert Waltz 2010-09-06 02:28 d1_cn_service Requirements Requirement New Low (Requirement) System supports multiple types of science metadata 2010-04-20 20:45 Requirements Requirement New Low (Requirement) All software developed on the project should be open source Dave Vieglais 2010-04-15 22:57 | 761 | Requirements | Requirement | New | High | | Dave Vieglais | 2010-09-06 03:06 | Requirement |
| Requirements Requirement New Low (Requirement) System supports multiple types of science metadata 2010-04-20 20:45 Requirements Requirement New Low (Requirement) All software developed on the project should be open source Dave Vieglais 2010-04-15 22:57 | 632 | Requirements | Requirement | New | Low | (Requirement) Monitor the DataONE infrastructure | | 2010-05-28 20:10 | |
| 580 Requirements Requirement New Low (Requirement) All software developed on the project should be open source Dave Vieglais 2010-04-15 22:57 | 592 | Requirements | Requirement | New | High | DataONE needs to synchronize metadata between MNs and CNs | Robert Waltz | 2010-09-06 02:28 | d1_cn_service |
| | 581 | Requirements | Requirement | New | Low | (Requirement) System supports multiple types of science metadata | | 2010-04-20 20:45 | |
| 468 Requirements Requirement New Low (Requirement) Design the cyberinfrastructure for the project. 2010-03-25 16:51 | 580 | Requirements | Requirement | New | Low | (Requirement) All software developed on the project should be open source | Dave Vieglais | 2010-04-15 22:57 | |
| | 468 | Requirements | Requirement | New | Low | (Requirement) Design the cyberinfrastructure for the project. | | 2010-03-25 16:51 | |
| Requirements Requirement New Low (Requirement) Installation of critical software must be well documented and as automated as possible | 455 | Requirements | Requirement | New | Low | | | 2010-03-25 13:52 | |
| 439 Requirements Requirement New Low (Requirement) Maintain original copies of all science metadata 2010-03-25 03:27 | 439 | Requirements | Requirement | New | Low | (Requirement) Maintain original copies of all science metadata | | 2010-03-25 03:27 | |

2024-05-04

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Category |
|-----|--------------|-------------|-------------|----------|---|---------------|------------------|----------------|
| 433 | Requirements | Requirement | New | Low | (Requirement) Data and metadata is replicated to at least one other member node | | 2010-03-25 03:11 | |
| 431 | Requirements | Requirement | New | Low | (Requirement) Software developed for infrastructure should be implemented according to specifications | | 2010-03-25 14:44 | |
| 412 | Requirements | Requirement | New | Low | (Requirement) Identifiers always refer to the same object | | 2010-03-25 15:41 | |
| 411 | Requirements | Requirement | New | High | (Requirement) The infrastructure must survive destruction of one or more data storage nodes | Dave Vieglais | 2010-09-06 03:10 | d1_common_java |
| 410 | Requirements | Requirement | New | Low | (Requirement) The infrastructure must support long term preservation of Data | | 2010-03-25 15:41 | |
| 409 | Requirements | Requirement | New | Low | (Requirement) Develop a reference implementation of the Member Node stack | | 2010-03-25 13:57 | |
| 408 | Requirements | Requirement | New | Low | (Requirement) Implement a Coordinating Node software stack | | 2010-03-25 15:44 | |
| 393 | Requirements | Requirement | New | High | (Requirement) Access control rule evaluation must be highly scalable and responsive. | Dave Vieglais | 2010-09-06 20:27 | Requirement |
| 392 | Requirements | Requirement | New | High | (Requirement) Identity and access control should be interoperable across datanets | Dave Vieglais | 2010-09-06 20:31 | Requirement |
| 391 | Requirements | Requirement | New | High | (Requirement) Enable different classes of users commensurate with their roles. | Dave Vieglais | 2010-09-06 20:51 | Requirement |
| 390 | Requirements | Requirement | New | High | (Requirement) Consistent mechanism for identifying users | Dave Vieglais | 2010-09-06 20:50 | Requirement |
| 389 | Requirements | Requirement | New | Low | (Requirement) Implement a Member Node based on the ORNL DAAC | | 2010-03-25 14:46 | |
| 388 | Requirements | Requirement | New | Low | (Requirement) Implement a Member Node based on Dryad | | 2010-03-24 13:36 | |
| 387 | Requirements | Requirement | New | Low | (Requirement) Implement a Member Node based on Metacat | | 2010-10-06 22:00 | |
| 386 | Requirements | Requirement | New | Low | (Requirement) Deploy at least three Member Nodes | | 2010-03-17 13:39 | |
| 385 | Requirements | Requirement | New | Low | (Requirement) Support arbitrary unique identifiers | | 2010-03-16 22:09 | |
| 384 | Requirements | Requirement | New | High | (Requirement) Enable efficient mechanisms for users to discover content | Dave Vieglais | 2010-09-06 03:58 | d1_common_java |
| 383 | Requirements | Requirement | New | Low | (Requirement) System supports data storage | | 2010-03-16 21:35 | |
| 374 | Requirements | Requirement | New | Low | (Requirement) Periodic Reporting to Sponsor | | 2010-03-16 18:11 | |
| 371 | Requirements | Requirement | New | Low | (Requirement) Provide a suite of collaboration tools and instruction on how to use them | | 2010-03-16 20:06 | |
| 339 | Requirements | Requirement | New | Low | (Requirement) Web presence to provide publicly accessible information about the project | | 2010-03-16 17:36 | |
| 337 | Requirements | Requirement | New | Low | (Requirement) Deploy three coordinating nodes | | 2010-03-17 15:14 | |
| 318 | Requirements | Requirement | New | High | (Requirement) Sponsor required Y1 functionality | Dave Vieglais | 2010-09-06 03:24 | d1_common_java |
| 317 | Requirements | Requirement | In Progress | Low | (Requirement) Identifiers for all objects | Dave Vieglais | 2010-03-15 22:12 | |

2024-05-04