

Infrastructure - Task #2613

Convert existing deny/denyFirst rules to allowFirst rules

2012-04-17 17:25 - Ben Leinfelder

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|--|----------------------------------|
| Status: Closed | Start date: 2012-04-17 |
| Priority: Normal | Due date: |
| Assignee: Ben Leinfelder | % Done: 100% |
| Category: Metacat | Estimated time: 0.00 hour |
| Target version: | Story Points: |
| Milestone: CCI-1.0.0 | |
| Product Version: * | |
| Description | |
| We decided to convert all deny/denyFirst access rules to use the allow/allowFirst approach assuming there is no loss of the semantics of the access control block. | |
| This mostly means removing "deny public" rules which is the implicit behavior if there is no "allow public" rule. | |
| Related issues: | |
| Related to Infrastructure - Bug #2583: Metacat CN-CN replication permOrder is... | Closed |
| Related to Infrastructure - Task #2614: Ignore EML access control blocks that... | Closed 2012-04-17 |

History

#1 - 2012-04-17 17:49 - Ben Leinfelder

Here are my SQL notes for the "conversion"

Analyze the number of rules that need to be addressed:

```
select principal_name, perm_type, count(*) from xml_access where perm_order = 'denyFirst' and perm_type = 'deny' and principal_name != 'public' group by principal_name, perm_type;
select * from xml_access where guid in (select guid from xml_access where perm_order = 'denyFirst' and perm_type = 'deny' and principal_name != 'public');
```

Then do these steps to update all of them to use allowFirst only

1.) Delete the unnecessary public deny rules:

```
select count(guid) from xml_access where perm_order = 'denyFirst' and perm_type = 'deny' and principal_name = 'public';
delete from xml_access where perm_order = 'denyFirst' and perm_type = 'deny' and principal_name = 'public';
```

2.) Delete the non-public deny rules (after examining them!):

```
select * from xml_access where perm_order = 'denyFirst' and perm_type = 'deny' and principal_name != 'public';
delete from xml_access where perm_order = 'denyFirst' and perm_type = 'deny' and principal_name != 'public';
```

3.) Update all denyFirst rules

```
select perm_type, count(*) from xml_access where perm_order = 'denyFirst' group by perm_type;
update xml_access set perm_order = 'allowFirst' where perm_order = 'denyFirst';
```

#2 - 2012-10-24 16:12 - Ben Leinfelder

- Status changed from New to Closed

- translation missing: en.field_remaining_hours set to 0.0

This has been completed on our big three (KNB, LTER, PISCO)