

Infrastructure - Story #1619

Revise AccessPolicy and AccessRule

2011-06-06 15:50 - Dave Vieglais

Status:	Closed	Start date:	2011-06-06
Priority:	Normal	Due date:	
Assignee:	Dave Vieglais	% Done:	100%
Category:	Authentication, Authorization	Estimated time:	0.00 hour
Target version:	Sprint-2011.23-Block.3		
Story Points:			
Description			
Subtasks:			
Task # 1620: Obtain consensus for proposed change			Closed
Task # 1621: setAccessPolicy and setAccess appear to duplicate the same functionality. ...			Closed

History

#1 - 2011-06-06 15:55 - Dave Vieglais

The current definition of AccessPolicy and AccessRule is confusing as an AccessRule can have multiple subjects, permissions, and target resources, and a given object may have multiple AccessPolicies which contain multiple AccessRule instances.

Would like to redefine AccessRule to be:

```
<xs:complexType name="AccessRule">
  <xs:sequence>
    <xs:element name="subject" type="dl:Subject"
      minOccurs="1" maxOccurs="unbounded" />
    <xs:element name="permission" type="dl:Permission"
      minOccurs="1" maxOccurs="unbounded" />
  </xs:sequence>
</xs:complexType>
```

That is, removing the resource (since this is defined by the SystemMetadata containing the AccessPolicy that contains the AccessRule).

This enables a clear expression of the rules that apply to any given object, since the rules always apply to the containing system metadata document.

(note: previous description included a change to a single permission entry per access rule. This suggestion has been dropped so that a single AccessRule can for example state that Tom, Dick, and Harry have READ and WRITE access on some object)

#2 - 2011-06-06 15:57 - Dave Vieglais

- Assignee set to *Dave Vieglais*

#3 - 2011-06-06 16:15 - Dave Vieglais

- Category set to *Authentication, Authorization*

#4 - 2011-06-07 15:53 - Dave Vieglais

- Status changed from *New* to *Closed*

Closed with [r3990](#).