

TYPO3.Flow - Task #8427

Access roles are not inherited

2010-06-22 02:48 - Michael Schams

Status:	Resolved	Start date:	2010-06-22
Priority:	Should have	Due date:	
Assignee:	Andreas Förthner	% Done:	100%
Category:	Security	Estimated time:	0.00 hour
Target version:	1.0 alpha 10	Has patch:	
Sprint:		Complexity:	
PHP Version:			
Description			
Assuming, we defined the following three ACL roles in Policy.yaml:			
<ul style="list-style-type: none">• administrator• manager• auditor			
"Auditor" should be the lowest level, "administrator" the highest. A typical example would be: admin has access to everything (incl. user management features), "manager" and "auditor" have access to low level features. Therefore, a good approach would be to inherit all privileges an "auditor" has, to the "manager" role and all privileges a "manager" has, to "administrator".			
The attached document shows the entries in "Policy.yaml" as an example. Note the two/four lines highlighted in red (at "acl" section). You would expect that you <u>do NOT</u> need those lines, because "manager" already has access to Meter/Asset (inherited by "auditor"), as well as "administrator".			
But if these lines are removed, an "Access denied" exception is thrown when trying to access Asset/Meters with a "manager" or "administrator" user.			
Assumption:			
Privileges are not inherited. In this example: GRANT for role "auditor" is not passed to "manager" (and "administrator" in the next level).			
Workaround:			
Assign all "admin" users to "auditor" and/or "manager" roles, too. Or: include the additional lines in Policy.yaml as shown in attached document.			

Associated revisions

Revision 45567307 - 2010-06-24 14:54 - Andreas Förthner

- [+BUGFIX] FLOW3 (Security): Inheritance of roles works now again. Fixes #8427.
- [-TASK] FLOW3 (Security): Added a safeguard to catch syntax errors when loading the policy configuration.

Revision 4624 - 2010-06-24 14:54 - Andreas Förthner

- [+BUGFIX] FLOW3 (Security): Inheritance of roles works now again. Fixes #8427.
- [-TASK] FLOW3 (Security): Added a safeguard to catch syntax errors when loading the policy configuration.

History

#1 - 2010-06-22 02:50 - Michael Schams

- File *issue8427-FLOW3-policy-issue.pdf* added

#2 - 2010-06-23 15:16 - Karsten Dambekalns

- Project changed from 529 to TYPO3.Flow

#3 - 2010-06-23 15:19 - Andreas Förthner

- *Category set to Security*
- *Status changed from New to Accepted*
- *Assignee set to Andreas Förthner*

This feature got probably lost in the last refactoring of the security context. The getRoles() method of the context has to take inheritance into account.

I will take care asap.

#4 - 2010-06-24 15:00 - Andreas Förthner

- *Status changed from Accepted to Resolved*
- *% Done changed from 0 to 100*

Applied in changeset r4624.

#5 - 2010-07-15 13:36 - Karsten Dambekalns

- *Target version set to 1.0 alpha 10*

Files

issue8427-FLOW3-policy-issue.pdf	83.4 KB	2010-06-22	Michael Schams
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