

Infrastructure - Task #2827

nesting groups requires schema change\*

2012-05-29 21:50 - Rob Nahf

<b>Status:</b>	In Progress	<b>Start date:</b>	2014-07-09
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Dave Vieglais	<b>% Done:</b>	30%
<b>Category:</b>	d1_schemas	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	CCI-2.0-TRUNK	<b>Story Points:</b>	
<b>Milestone:</b>	None		
<b>Product Version:</b>			
<b>Description</b>			
<p>If we are supporting nested groups for the purpose of inheriting the access rights of a parent group, the Group datatype needs an isMemberOf element for efficiently building subjectInfo from a given subject.</p> <p>Currently the parent group references the subgroup using hasMember element, but there is not a reference from the subgroup to the parent group. This is problematic because the starting point for building the SubjectInfo for a certificate is typically a Person subject. the Person.isMemberOf element allows traversal to Groups that they are directly members of, but if those groups are subgroups of other Groups, there's no reference to them.</p> <p>CN.getSubjectInfo needs to traverse every registered group and subgroup to pick up parent Groups for a particular person (even if there aren't any, it needs to check).</p>			

History

#1 - 2012-05-29 22:34 - Rob Nahf

- Priority changed from Normal to Immediate
- Category set to Documentation
- Subject changed from nesting groups requires schema change to nesting groups requires schema change\*
- Assignee set to Dave Vieglais

#2 - 2012-05-29 23:35 - Dave Vieglais

This does indeed appear to be a significant deficiency in the schema design, and precludes the use of nested groups.

Since this is a schema change, it will be necessary to defer until after initial release, which in turn implies that we should not directly support nested groups, however I do not believe there are any checks against groups containing group subjects.

#3 - 2012-05-30 12:25 - Dave Vieglais

- Target version changed from Sprint-2012.19-Block.3.2 to Sprint-2012.29-Block.4.3
- Priority changed from Immediate to Normal

Deferring this issue until after public release. It does not appear to block any required functionality.

#4 - 2012-06-07 16:25 - Robert Waltz

- Milestone changed from CCI-1.0.0 to CCI-1.1

#5 - 2012-08-31 03:07 - Chris Jones

- Target version changed from Sprint-2012.29-Block.4.3 to Sprint-2012.37-Block.5.3

#6 - 2012-10-08 16:49 - Dave Vieglais

- translation missing: en.field\_remaining\_hours set to 0.0
- Target version deleted (Sprint-2012.37-Block.5.3)
- Milestone changed from CCI-1.1 to None

This issue will require fairly wide spread changes.

Need to discuss and develop detailed specifications before implementing if necessary.

**#7 - 2013-08-14 18:31 - Robert Waltz**

- Parent task set to #3755

**#8 - 2014-01-06 22:40 - Robert Waltz**

- Estimated time set to 0.00
- Parent task changed from #3755 to #2829

**#9 - 2014-07-09 17:54 - Ben Leinfelder**

- Status changed from New to In Progress
- Start date set to 2014-07-09

What's the verdict - will v2 support nested Groups?

**#10 - 2014-10-01 16:57 - Robert Waltz**

- Target version set to CCI-2.0.0

**#11 - 2015-06-25 22:00 - Ben Leinfelder**

- Parent task deleted (#2829)
- % Done changed from 0 to 30
- Category changed from Documentation to d1\_schemas

Pushing this to backlog - not a 2.0 critical change nor a feature that is being asked for by users. IRC discussion with MBJ, DV, BRL and CJ.