

Arvados - Bug #16981

"sync-groups" tool doesn't find groups when running on a LoginCluster federation

10/08/2020 06:27 PM - Lucas Di Pentima

Status:	Resolved	Start date:	01/08/2021
Priority:	Normal	Due date:	
Assigned To:	Lucas Di Pentima	% Done:	100%
Category:	API	Estimated time:	0.00 hour
Target version:	2021-01-20 Sprint		
Description			
When using arvados-sync-groups on a federated cluster with Login.LoginCluster pointing to other cluster, the tool assumes that the needed groups should be owned by the LoginCluster's system user instead of the local system user.			
This affects external groups that were synchronized before setting up the federation, because it will try to create a group named "Externally synchronized groups" and it will collide with the preexisting one.			
Subtasks:			
Task # 16986: Review 16981-logincluster-sync-groups-tests			Resolved

Associated revisions

Revision 146087a2 - 10/09/2020 01:41 PM - Lucas Di Pentima

Merge branch '16981-logincluster-sync-groups-fix'
Refs #16981

Arvados-DCO-1.1-Signed-off-by: Lucas Di Pentima <lucas@di-pentima.com.ar>

Revision 729b2762 - 10/13/2020 02:16 PM - Lucas Di Pentima

Merge branch '16981-sync-group-report-fix'. Refs #16981

Arvados-DCO-1.1-Signed-off-by: Lucas Di Pentima <lucas@di-pentima.com.ar>

Revision 8889791d - 01/20/2021 03:10 PM - Lucas Di Pentima

Merge branch '16981-logincluster-sync-groups-tests'
Closes #16981

Arvados-DCO-1.1-Signed-off-by: Lucas Di Pentima <lucas@di-pentima.com.ar>

History

#1 - 10/08/2020 09:04 PM - Lucas Di Pentima

Fix at [ab9833a2d](#) - branch 16981-logincluster-sync-groups-fix
Test run: <https://ci.arvados.org/job/developer-run-tests/2134/>

- Fixed the problem by retrieving the local cluster ID from the exported config instead of assuming it from the user's uuid.

#2 - 10/08/2020 09:48 PM - Lucas Di Pentima

Manual testing was done by setting up a LoginCluster federation with a couple of arvbox instances A (main cluster) and B (satellite cluster) Previous to setting up the federation, created some users and ran the tool with some groups on the B instance.

Then, set up the federation and ran the migrate users script to migrate B users to A.

As a last step into confirming the bug, ran again the arvados-sync-groups tool with the A's admin user credentials from cluster B. Got the following error:

```
(venv-arvados) lucas@buster:~/arvados/tools/sync-groups$ ./sync-groups -user-id=username ../../test-groups.csv
2020/10/08 15:11:14 error creating system user owned group named "Externally synchronized groups": request failed: https://172.17.0.3:8000//arvados/v1/groups: 422 Unprocessable Entity: #<ActiveRecord::RecordNotUnique: PG::UniqueViolation: ERROR: duplicate key value violates unique constraint "index_groups_on_owner_uuid_and_name"
DETAIL: Key (owner_uuid, name)=(x1ejm-tpzed-0000000000000000, Externally synchronized groups) already exists.
: INSERT INTO "groups" ("uuid", "owner_uuid", "created_at", "modified_by_user_uuid", "modified_at", "name", "updated_at", "group_class") VALUES ($1, $2, $3, $4, $5, $6, $7, $8) RETURNING "id"> (req-28280i3qiygt1p4asl8e)
```

After the fix, the tool started to work again. Did some changes on the CSV files and re-applied; the changes were done correctly.

#3 - 10/21/2020 04:01 PM - Lucas Di Pentima

- Target version changed from 2020-10-21 Sprint to 2020-11-04 Sprint

#4 - 11/04/2020 04:37 PM - Lucas Di Pentima

- Target version changed from 2020-11-04 Sprint to 2020-11-18

#5 - 11/18/2020 04:29 PM - Lucas Di Pentima

- Target version changed from 2020-11-18 to 2020-12-02 Sprint

#6 - 12/02/2020 03:10 PM - Lucas Di Pentima

- Target version changed from 2020-12-02 Sprint to 2020-12-16 Sprint

#7 - 12/16/2020 02:41 PM - Lucas Di Pentima

- Target version changed from 2020-12-16 Sprint to 2021-01-06 Sprint

#8 - 01/06/2021 04:54 PM - Lucas Di Pentima

- Target version changed from 2021-01-06 Sprint to 2021-01-20 Sprint

#9 - 01/08/2021 03:29 PM - Lucas Di Pentima

Updates at [59e8b47be](#) - branch 16981-logincluster-sync-groups-tests

Test run: <https://ci.arvados.org/job/developer-run-tests/2254/>

- Extracts arvados-boot based helper functions from lib/controller/integration_test.go into the arvadostest package.
- Adds federation test on arvados-sync-groups that confirms the tool works on a federated cluster with admin credentials from the LoginCluster.

#10 - 01/08/2021 10:10 PM - Lucas Di Pentima

Updates at [c271137b5](#)

Test run: <https://ci.arvados.org/job/developer-run-tests/2255/>

API Test re-run: <https://ci.arvados.org/job/developer-run-tests-services-api/2362/>

Fixes go import cycle problems.

#11 - 01/20/2021 03:05 PM - Nico César

review @ [c271137b5](#) LGTM

#12 - 01/20/2021 03:16 PM - Lucas Di Pentima

- Status changed from In Progress to Resolved