

OpenSCAP - Bug #27259

Deletion of hostgroup will not remove connection between hostgroup and OpenScap policies

07/10/2019 07:14 AM - Ondřej Pražák

Status:	Closed	
Priority:	Normal	
Assignee:	Adam Ruzicka	
Category:		
Target version:		
Difficulty:		Fixed in Releases: foreman_openscap 8.0.1, foreman_openscap 8.1.0
Triaged:	Yes	Found in Releases:
Bugzilla link:	1728157	Red Hat JIRA:
Pull request:	https://github.com/theforeman/foreman_openscap/pull/568	

Description

Description of problem: When is deleted hostgroup with associated OpenScap policies, policies are not cleaned properly which end with failing API and hammer calls

Version-Release number of selected component (if applicable):

Steps to Reproduce:

1. Create hostgroup x,y,z
2. Create scap content a,b,c
3. Create scap policy d,e,f
4. Edit policy d,e,f and attach hostgroups x,y,z
5. Delete hostgroups x,y,z
6. hammer policy info --name d

Actual results:

Couldn't find all Hostgroups with 'id': (1, 2, 3) (found 0 results, but was looking for 3).

Expected results:

Id: 1
Name: d
Created at: 2019-01-01 00:00:00 UTC
Period: weekly
Weekday: monday
Day of month:
Cron line:
SCAP content Id: 1
SCAP Content profile Id: 1
Tailoring file Id:
Tailoring file profile Id:
Locations:
Default Location
Organizations:
Default Organization
Hostgroups:

Additional info:

In Database records are staying.

```
select * from foreman_openscap_assets;
id | created_at | updated_at | assetable_type | assetable_id
-----+-----+-----+-----+-----
1 | 2019-07-09 07:51:27.390499 | 2019-07-09 07:51:27.390499 | Hostgroup | 1
2 | 2019-07-09 07:51:27.470928 | 2019-07-09 07:51:27.470928 | Hostgroup | 2
3 | 2019-07-09 07:51:27.474601 | 2019-07-09 07:51:27.474601 | Hostgroup | 3
```

4		2019-07-09 07:51:38.68147		2019-07-09 07:51:38.68147		Hostgroup		1
5		2019-07-09 07:51:38.698747		2019-07-09 07:51:38.698747		Hostgroup		2
6		2019-07-09 07:51:38.702891		2019-07-09 07:51:38.702891		Hostgroup		3

```
select * from foreman_openscap_asset_policies;
asset_id | policy_id
```

```
-----+-----
```

```
1 | 1
2 | 1
3 | 1
4 | 2
5 | 2
6 | 2
7 | 3
8 | 3
9 | 3
```

Those records should be properly cleaned during hostgroup deletion.

Associated revisions

Revision 4b607c80 - 05/14/2024 10:45 AM - Adam Růžička

Fixes #27259 - Fix hostgroup-asset association (#568)

Because of the wrong cardinality, only first asset got removed on hostgroup destroy, leading to orphaned assets being left around.

History

#1 - 10/15/2021 02:08 PM - Pavel Moravec

- Subject changed from *Deletion of hostgroup will not remove connection between hostgroup and OpenScap policies* to *Deletion of hostgroup will not remove connection between hostgroup and OpenScap policies*

Here is a reproducer (copied from the RHBZ):

Basic idea: assign a Hostgroup to more Policies and then delete the HG. Second (and third etc., I expect) associated Policy will have invalid reference to the deleted HG.

Particular steps:

0) Create two policies (I use names 'SCAP-policy-test' with id=1 and 'SCAP-policy-test2' with id=2 below)

1) Have reproducer script `reproducer_for_HG_Policy.sh` :

```
HGNAME="HostGroup_$(RANDOM%100)"
hmr="echo "
```

```
$hmr policy update --name 'SCAP-policy-test'
$hmr policy update --name 'SCAP-policy-test2'
```

```
$hmr hostgroup create --name $HGNAME
$hmr policy update --hostgroups $HGNAME --id 1
$hmr policy update --hostgroups $HGNAME --id 2
$hmr hostgroup delete --name $HGNAME
$hmr policy update --name 'SCAP-policy-test'
$hmr policy update --name 'SCAP-policy-test2'
```

```
$hmr policy update --id 1
$hmr policy update --id 2
$hmr hostgroup create --name ${HGNAME}_2
$hmr policy update --hostgroups ${HGNAME}_2 --id 1
$hmr policy update --hostgroups ${HGNAME}_2 --id 2
$hmr hostgroup delete --name ${HGNAME}_2
$hmr policy update --id 1
$hmr policy update --id 2
```

2) Execute it:

```
./reproducer_for_HG_Policy.sh | hammer shell
```

3) See the results:

```
hammer> policy update --name SCAP-policy-test
Policy updated
```

```
hammer> policy update --name SCAP-policy-test2
Policy updated
hammer> hostgroup create --name HostGroup_88
Hostgroup created.
hammer> policy update --hostgroups HostGroup_88 --id 1
Policy updated
hammer> policy update --hostgroups HostGroup_88 --id 2
Policy updated
hammer> hostgroup delete --name HostGroup_88
Hostgroup deleted.
hammer> policy update --name SCAP-policy-test
Policy updated
hammer> policy update --name SCAP-policy-test2
Could not update the policy:
Couldn't find Hostgroup with 'id'=26
hammer> policy update --id 1
Policy updated
hammer> policy update --id 2
Policy updated
hammer> hostgroup create --name HostGroup_88_2
Hostgroup created.
hammer> policy update --hostgroups HostGroup_88_2 --id 1
Policy updated
hammer> policy update --hostgroups HostGroup_88_2 --id 2
Policy updated
hammer> hostgroup delete --name HostGroup_88_2
Hostgroup deleted.
hammer> policy update --id 1
Policy updated
hammer> policy update --id 2
Policy updated
hammer>
```

Surprisingly, "policy update --id .." *does* work well, but "policy update --name .." *does not* work . Don't ask me why :) I have no clue. But at least "policy update --id .." is a workaround (that keeps orphaned records in DB, such that e.g. "policy list" does not work).

#2 - 11/28/2023 03:39 PM - Oleh Fedorenko

- Status changed from New to Assigned
- Assignee set to Oleh Fedorenko
- Triaged changed from No to Yes

#3 - 05/10/2024 09:27 AM - Adam Ruzicka

- Assignee changed from Oleh Fedorenko to Adam Ruzicka

#4 - 05/10/2024 09:33 AM - The Foreman Bot

- Status changed from Assigned to Ready For Testing
- Pull request https://github.com/theforeman/foreman_openscap/pull/568 added

#5 - 05/14/2024 10:45 AM - The Foreman Bot

- Fixed in Releases [foreman_openscap 8.1.0](#) added

#6 - 05/14/2024 11:00 AM - Anonymous

- Status changed from Ready For Testing to Closed

Applied in changeset [foreman_openscap!4b607c80c1cec310a08d462e5077664d7f201bf5](#).

#7 - 05/15/2024 03:29 PM - Oleh Fedorenko

- Fixed in Releases [foreman_openscap 8.0.1](#) added