Foreman - Bug #32876

Removing installation media from operating system doesn't remove installation media - hostgroup relation in database.

06/24/2021 08:57 AM - Ondřej Ezr

Status:	New		
Priority:	High		
Assignee:			
Category:	Host groups		
Target version:			
Difficulty:		**Fixed in Releases:**	
Triaged:	No	**Found in Releases:**	
Bugzilla link:	1851939	**Red Hat JIRA:**	
Pull request:			

Description

Cloned from https://bugzilla.redhat.com/show_bug.cgi?id=1851939

Description of problem:

Removing custom installation media from the operating system doesn't remove installation media - hostgroup relation in the database causing issues.

For Customer Environment Got Error:
~~~
In the create host view, all entries were selected correctly, I could select "Media Selection" "Synced Content" there and got as "Synced Content" only "Red_Hat_Enterprise_Linux_7_Server_Kickstart_x86_64_7_8" in the dropdown.

When pressing submit:
"must belong to host's operating system and
DLZ-IT/Library/Red_Hat_Server/Red_Hat_Enterprise_Linux_7_Server_Kickstart_x86_64_7_6 does not belong to RedHat 7.8 operating system" even though I selected ....7_8 instead of ....7_6 as stated in the error message.
~~~

On test system: (tested using RHEL7.8 kickstart repository "published_url" as custom installation media)

After removing install media from OS, Hostgroup inWebUI had Blank "install media". Associated "another install media". But foreman-rake shows "Nil".

~~~
irb(main):004:0> Hostgroup.all.pluck(:name,:id)
=> "hostgroup1", 2]. ["hostgroup_centos", 3
irb(main):005:0> h = Hostgroup.find_by_id('2')
=> #<Hostgroup id: 2, name: "hostgroup1", created_at: "2020-06-28 15:28:43", updated_at: "2020-06-29 13:01:30", environment_id: nil, operatingsystem_id: 1, architecture_id: 1, medium_id: nil, ptable_id: 106, root_pass: xxxxx, puppet_ca_proxy_id: nil, use_image: nil, image_file: nil, ancestry: nil, vm_defaults: nil, subnet_id: 3, domain_id: 1, puppet_proxy_id: nil, title: "hostgroup1", realm_id: nil, compute_profile_id: 4, content_source_id: 1, grub_pass: xxxxx, content_view_id: 1, lifecycle_environment_id: 1, lookup_value_matcher: "hostgroup=hostgroup1", kickstart_repository_id: 4, subnet6_id: nil, pxe_loader: "PXELinux BIOS", description: "hostgroup1", compute_resource_id: 1, openscap_proxy_id: nil>
irb(main):006:0> h.medium
=> nil
irb(main):007:0> h.medium
=> nil

~~~

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

How reproducible:
Reproducible

Steps to Reproduce:

1. Content > Products > RHEL > any synced kickstart repo > copy published URL(http://satellite.example.com/pulp/repos/MyOrg1/Library/content/dist/rhel/server/7/7.8/x86_64/kickstart/)

2. Create custom installation media using the above published_at URL. and associate it with RHEL7.8 Hosts > Operating System

3. Create Hostgroup1 > Associate it with Above Operating System and Installation Media >> Provision one Host.

4. Disassociate > Installation media from Operating system

5. WebUI Configure > Hostgroups > Hostgroup1 > Operating System Won't show installation Media. But it's still connected/associated in DB.

~~~

  1. foreman-rake console
     Hostgroup.all.pluck(:name,:id)   // Look for the ID of the hostgroup in question
     h = Hostgroup.find_by_id('X')   // Replace X with the ID of the hostgroup
     h.medium
     ~~~

Example:
~~

=> #<Medium id: 10, name: "rhel78", path: "http://satellite.example.com/pulp/repos/MyOrg1/Lib...", created_at: "2020-06-29 12:13:18", updated_at: "2020-06-29 12:13:18", media_path: "",

config_path: "", image_path: "", os_family: "Redhat">

irb(main):004:0>

~~

Actual results:

WebUI Shows Hostroups not associated with Media. But in DB it is.

Expected results:

Fail/Show dependencies while disassociating operating systems/host groups/installation Media etc..
Need validation before removal.

Additional info:

Related issues:

Related to Foreman - Bug #32874: Host group operating system media is not pro...   **New**

History

#1 - 06/24/2021 08:58 AM - Ondřej Ezr

*- Related to Bug #32874: Host group operating system media is not properly inherited from parent
added*