Description of problem: Satellite allows to create compute-resource image with same name.

hammer> compute-resource image list --compute-resource 'rhev_compute'
---|--------|------------------|----------|-------------------------------------
ID | NAME   | OPERATING SYSTEM | USERNAME | UUID
---|--------|------------------|----------|-------------------------------------
20 | latest | RedHat 7.3       | root     | 09b7babe-4514-4585-9dcc-fbfe071256d
21 | latest | RedHat 7.3       | root     | 79ef62d4-1d04-44e0-9e3d-2223529b0253
---|--------|------------------|----------|-------------------------------------

This can be problematic, if there are multiple images with same name. Commands to list info shows Error: found more than one image

hammer> compute-resource image info --compute-resource 'rhev_compute' --name latest --operatingsystem-id 6
Error: found more than one image

Version-Release number of selected component (if applicable): Satellite 6.3 snap 25

How reproducible: always

Steps to Reproduce:
1. compute-resource image create --compute-resource rhev_compute --name 'latest' --username 'root' --password 'password' --architecture 'x86_64' --operatingsystem 'RedHat 7.3' --uuid '<uuid>'

2. compute-resource image create --compute-resource rhev_compute --name 'latest' --username 'root' --password 'password' --architecture 'x86_64' --operatingsystem 'RedHat 7.3' --uuid '<uuid_changed>'

Actual results:

Allows to create compute-resource image with duplicate names.

Expected results:

It should validate and no duplicate/same name images creation should allow.

Additional info: This can be reproduced on WebUI as well.

Associated revisions
Revision a186f43b - 01/08/2018 07:46 AM - Tomer Brisker
Fixes #21926 - Ensure uniqueness on image names and uuids (#5081)
Image names should be unique per CR and OS. UUID uniqueness is already enforced by ActiveRecord but not in the DB, which could cause conflicts in multi-process environments. Also cleaned up a bit of the image tests and made them all use FactoryBot instead of fixtures.

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**History**

#1 - 12/13/2017 04:40 PM - Tomer Brisker
- Blocks Refactor #21639: unique constraints should be enforced in the DB as well added

#2 - 12/13/2017 04:43 PM - The Foreman Bot
- Status changed from New to Ready For Testing
- Pull request https://github.com/theforeman/foreman/pull/5081 added

#3 - 12/13/2017 04:51 PM - Tomer Brisker
- Assignee changed from Chris Roberts to Tomer Brisker
- Subject changed from Compute-resource image creation allows duplicate name to Compute-resource image creation allows duplicate name

#4 - 01/08/2018 07:47 AM - Marek Hulán
- Legacy Backlogs Release (now unused) set to 330

#5 - 01/08/2018 08:01 AM - Anonymous
- % Done changed from 0 to 100
- Status changed from Ready For Testing to Closed

Applied in changeset a186f43bc5aa61bddd3667763af6036f90d9ad0.