Foreman - Bug #21829

Specifying wrong foreign key id for object (such as host or hostgroup) via hammer/api throws SQL error

11/30/2017 07:58 PM - Andrew Kofink

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
</tr>
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<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td>Andrew Kofink</td>
</tr>
<tr>
<td>Category:</td>
<td></td>
</tr>
<tr>
<td>Target version:</td>
<td>1.18.0</td>
</tr>
<tr>
<td>Difficulty:</td>
<td></td>
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<tr>
<td>Pull request:</td>
<td><a href="https://github.com/theforeman/foreman/pull/5405">https://github.com/theforeman/foreman/pull/5405</a></td>
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<td>Triaged:</td>
<td></td>
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<tr>
<td>Bugzilla link:</td>
<td>1488475</td>
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Description
Cloned from https://bugzilla.redhat.com/show_bug.cgi?id=1488475

Description of problem:
If you specify non-existent (i.e.) content source id for hammer host/hostgroup create/update command, SQL error is shown instead of validation message.

Version-Release number of selected component (if applicable):
Foreman 1.16

How reproducible:
Always

Steps to Reproduce:
1. Execute host/hostgroup create/update command with --content-source-id set to some nonexistent id:
   hammer host create --medium-id="169" --ip="###.###.###" --location-id="2" --operatingsystem-id="3" --lifecycle-environment-id="593" --domain-id="1" --partition-table-id="87" --content-source-id="61340" --mac="40:8f:bf:b6:ca:7a" --content-view-id="618" --architecture-id="1" --organization="RshekR" --name="mYXwuGUHRd" --root-password="test"
   2. 
   3.

Actual results:
[ERROR 2017-09-05 09:04:15 API] 500 Internal Server Error
[ERROR 2017-09-05 09:04:15 Exception] ERROR: insert or update on table "katello_content_facets" violates foreign key constraint "katello_content_facets_content_source_id_fk"
  DETAIL: Key (content_source_id)=(61340) is not present in table "smart_proxies".

Could not create the host:
ERROR: insert or update on table "katello_content_facets" violates foreign key constraint "katello_content_facets_content_source_id_fk"
  DETAIL: Key (content_source_id)=(61340) is not present in table "smart_proxies".
[ERROR 2017-09-05 09:04:15 Exception]

RestClient::InternalServerError (500 Internal Server Error):
Expected results:
Some kind of validation message explaining that content source was not found by provided id should be shown.

Additional info:

<table>
<thead>
<tr>
<th>Related issues</th>
<th>Associated revisions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blocks Foreman - Bug #23208: Validate existing FK relationships</td>
<td>Revision 8efbe7d1 - 04/05/2018 11:45 AM - Andrew Kofink</td>
</tr>
<tr>
<td>Blocks Katello - Bug #23209: Validate existing FK relationships</td>
<td>Fixes #21829: Add association_exists_validator (#5405)</td>
</tr>
<tr>
<td>Copied from Katello - Bug #21689: Specifying wrong foreign key id for object ...</td>
<td>This validator ensures that an associated model (fk relation) actually exists with the ID specified on this model. i.e. Hostgroup.realm_id</td>
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<td></td>
<td>This PR is required for Katello to require a ContentFacet on a Host.</td>
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</table>

History

#1 - 11/30/2017 07:58 PM - Andrew Kofink
- Copied from Bug #21689: Specifying wrong foreign key id for object (such as host or hostgroup) via hammer/api throws SQL error added

#2 - 04/04/2018 07:56 PM - The Foreman Bot
- Status changed from Assigned to Ready For Testing
- Pull request https://github.com/theforeman/foreman/pull/5405 added

#3 - 04/05/2018 11:45 AM - Lukas Zapletal
- Legacy Backlogs Release (now unused) set to 330

#4 - 04/05/2018 12:02 PM - Anonymous
- % Done changed from 0 to 100
- Status changed from Ready For Testing to Closed

Applied in changeset 8efbe7d15262bea74e4320d3c94208d0a2f50d1a.
#5 - 04/10/2018 06:44 PM - Andrew Kofink
- Blocks Bug #23208: Validate existing FK relationships added

#6 - 04/10/2018 06:44 PM - Andrew Kofink
- Blocks Bug #23209: Validate existing FK relationships added