

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

Status:	Closed	
Priority:	Normal	
Assignee:	Andrew Kofink	
Category:		
Target version:	1.18.0	
Difficulty:		Fixed in Releases:
Triaged:		Found in Releases: 1.16.0
Bugzilla link:	1488475	Red Hat JIRA:
Pull request:	https://github.com/theforeman/foreman/pull/5405	

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):

```
/opt/theforeman/tfm/root/usr/share/gems/gems/rest-client-1.8.0/lib/restclient/abstract_response.rb:74:in `return!'
/opt/theforeman/tfm/root/usr/share/gems/gems/apipie-bindings-0.2.0/lib/apipie_bindings/api.rb:352:in `block in rest_client_call_block'
/opt/theforeman/tfm/root/usr/share/gems/gems/rest-client-1.8.0/lib/restclient/request.rb:493:in `process_result'
/opt/theforeman/tfm/root/usr/share/gems/gems/rest-client-1.8.0/lib/restclient/request.rb:421:in `block in transmit'
/opt/rh/rh-ruby23/root/usr/share/ruby/net/http.rb:853:in `start'
/opt/theforeman/tfm/root/usr/share/gems/gems/rest-client-1.8.0/lib/restclient/request.rb:413:in `transmit'
/opt/theforeman/tfm/root/usr/share/gems/gems/rest-client-1.8.0/lib/restclient/request.rb:176:in `execute'
/opt/theforeman/tfm/root/usr/share/gems/gems/rest-client-1.8.0/lib/restclient/request.rb:41:in `execute'
/opt/theforeman/tfm/root/usr/share/gems/gems/rest-client-1.8.0/lib/restclient/resource.rb:67:in `post'
/opt/theforeman/tfm/root/usr/share/gems/gems/apipie-bindings-0.2.0/lib/apipie_bindings/api.rb:324:in `call_client'
/opt/theforeman/tfm/root/usr/share/gems/gems/apipie-bindings-0.2.0/lib/apipie_bindings/api.rb:240:in `http_call'
```

```

/opt/theforeman/tfm/root/usr/share/gems/gems/apipie-bindings-0.2.0/lib/apipie_bindings/api.rb:190:in `call_action'
/opt/theforeman/tfm/root/usr/share/gems/gems/apipie-bindings-0.2.0/lib/apipie_bindings/api.rb:185:in `call'
/opt/theforeman/tfm/root/usr/share/gems/gems/apipie-bindings-0.2.0/lib/apipie_bindings/resource.rb:21:in `call'
/opt/theforeman/tfm/root/usr/share/gems/gems/hammer_cli-0.10.2/lib/hammer_cli/apipie/command.rb:43:in `send_request'
/opt/theforeman/tfm/root/usr/share/gems/gems/hammer_cli_foreman-0.10.2/lib/hammer_cli_foreman/commands.rb:166:in
`send_request'
/opt/theforeman/tfm/root/usr/share/gems/gems/hammer_cli-0.10.2/lib/hammer_cli/apipie/command.rb:34:in `execute'
/opt/theforeman/tfm/root/usr/share/gems/gems/clamp-1.0.0/lib/clamp/command.rb:68:in `run'
/opt/theforeman/tfm/root/usr/share/gems/gems/hammer_cli-0.10.2/lib/hammer_cli/abstract.rb:29:in `run'
/opt/theforeman/tfm/root/usr/share/gems/gems/clamp-1.0.0/lib/clamp/subcommand/execution.rb:11:in `execute'
/opt/theforeman/tfm/root/usr/share/gems/gems/clamp-1.0.0/lib/clamp/command.rb:68:in `run'
/opt/theforeman/tfm/root/usr/share/gems/gems/hammer_cli-0.10.2/lib/hammer_cli/abstract.rb:29:in `run'
/opt/theforeman/tfm/root/usr/share/gems/gems/clamp-1.0.0/lib/clamp/subcommand/execution.rb:11:in `execute'
/opt/theforeman/tfm/root/usr/share/gems/gems/clamp-1.0.0/lib/clamp/command.rb:68:in `run'
/opt/theforeman/tfm/root/usr/share/gems/gems/hammer_cli-0.10.2/lib/hammer_cli/abstract.rb:29:in `run'
/opt/theforeman/tfm/root/usr/share/gems/gems/clamp-1.0.0/lib/clamp/command.rb:133:in `run'
/opt/theforeman/tfm/root/usr/share/gems/gems/hammer_cli-0.10.2/bin/hammer:147:in `'
/usr/bin/hammer:23:in `load'
/usr/bin/hammer:23:in `'

```

Expected results:

Some kind of validation message explaining that content source was not found by provided id should be shown.

Additional info:

Related issues:

Blocks Foreman - Bug #23208: Validate existing FK relationships	New	04/10/2018
Blocks Katello - Bug #23209: Validate existing FK relationships	New	04/10/2018
Copied from Katello - Bug #21689: Specifying wrong foreign key id for object ...	Closed	11/16/2017

Associated revisions

Revision 8efbe7d1 - 04/05/2018 11:45 AM - Andrew Kofink

Fixes #21829: Add association_exists_validator (#5405)

This validator ensures that an associated model (fk relation) actually exists with the ID specified on this model. i.e. Hostgroup.realm_id

This PR is required for Katello to require a ContentFacet on a Host.

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

- translation missing: en.field_release set to 330

#4 - 04/05/2018 12:02 PM - Anonymous

- Status changed from Ready For Testing to Closed
 - % Done changed from 0 to 100

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