

Foreman - Bug #23232

Foreman should validate host associations are in the host's taxonomies

04/11/2018 04:20 PM - Chris Duryee

Status:	Closed	
Priority:	Normal	
Assignee:	Stephen Benjamin	
Category:	Organizations and Locations	
Target version:	1.19.0	
Difficulty:		Fixed in Releases: 1.19.0
Triaged:		Found in Releases:
Bugzilla link:	1566166	Red Hat JIRA:
Pull request:	https://github.com/theforeman/foreman/pull/5494	

Description

If you register a brand-new client to a new capsule on a new katello using bootstrap.py without <https://github.com/Katello/katello-client-bootstrap/issues/248>, you will get this error:

Validation failed: Name must not include periods

repro steps:

- vagrant up centos7-katello-3.6
- vagrant up centos7-foreman-proxy-3.6
- vagrant up centos7 for use as test client

on katello server:

hammer ping

```
hammer -u admin -p changeme activation-key create --name MYAK --organization-id 1
```

```
hammer -u admin -p changeme hostgroup create --name MYHG
```

on client:

yum install subscription-manager (bootstrap will need it)

1. ensure you are using a bootstrap.py without <https://github.com/Katello/katello-client-bootstrap/issues/248>

```
curl http://centos7-foreman-proxy-3-6.dhcp129-144.example.com/pub/bootstrap.py > ./bootstrap.py  
python bootstrap.py -s centos7-foreman-proxy-3-6.dhcp129-144.example.com -g MYHG -a MYAK
```

(this will error that the HG needs an OS and location, we'll fix that)

back on katello server:

```
hammer -u admin -p changeme os list
```

```
hammer -u admin -p changeme location list
```

```
hammer -u admin -p changeme hostgroup list
```

```
hammer -u admin -p changeme hostgroup update --operatingsystem-id 1 --location-ids 2 --id 1
```

back on client again:

```
python bootstrap.py -s centos7-foreman-proxy-3-6.dhcp129-144.example.com -g MYHG -a MYAK --location "Default Location"  
--force
```

error!

Validation failed: Name must not include periods

production.log:

[app] [I] Started POST "/rhsm/consumers?owner=Default_Organization&activation_keys=MYAK" for 192.168.121.96 at 2018-04-11 16:10:34 +0000

[app] [I] Processing by Katello::Api::Rhsm::CandlepinProxiesController#consumer_activate as JSON

[app] [I] Parameters: {"facts"=>"[FILTERED]", "contentTags"=>[], "type"=>"system", "name"=>"client.dhcp129-144.example.com", "owner"=>"Default_Organization", "activation_keys"=>"MYAK"}

[app] [I] Current user: foreman_admin (administrator)

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[katello/cp_proxy] [E] <Class> ActiveRecord::RecordInvalid

[katello/cp_proxy] [E] name: ["must not include periods"]

[app] [I] Completed 422 Unprocessable Entity in 808ms (Views: 0.1ms | ActiveRecord: 19.4ms)

It looks like the domain can't be found, which causes the shortname of the host to be its fqdn. Workaround:

```
hammer -u admin -p changeme domain update --id 1 --location-ids 2 --organization-ids 1
```

Note that this bug has a workaround in bootstrap.py. Ideally a more descriptive error message would be raised if the domain is not accessible in the org/location.

Associated revisions

Revision a525db23 - 06/12/2018 02:55 PM - Stephen Benjamin

fixes #23232 - fix error when domain not in taxonomy

This ensures that if domain_id is set, but domain not found (for example when domain is in another taxonomy), the shortname still removes the domain from the host's FQDN.

History

#1 - 04/11/2018 04:24 PM - Chris Duryee

- Bugzilla link set to 1566166

#2 - 04/11/2018 06:03 PM - Justin Sherrill

- Category set to Hosts

- translation missing: en.field_release set to 352

#3 - 04/17/2018 06:30 PM - Chris Duryee

- Subject changed from unable to register client to freshly installed capsule on fresh katello to "Validation failed: Name must not include periods" if domain is not found during registration

- Description updated

#4 - 04/19/2018 08:24 PM - Stephen Benjamin

This is a weird one. bootstrap.py does an unscoped API query to retrieve the domain ID. It passes in that domain_id to the API for host create, which happily assigns it to the host.

If you look at the actual AR records with default scoping, host.domain is nil because it can't find a domain by that ID in the host's scope. Foreman's host name checking relies on host.domain to strip it out and check the "shortname" for periods, which causes the validation error we see.

There's at least a Foreman bug here, I don't think it should blindly accept ID's without checking taxonomic scope but that's a big bucket of worms to fix correctly.

#5 - 04/24/2018 02:11 PM - Stephen Benjamin

- Project changed from Katello to Foreman

- Subject changed from "Validation failed: Name must not include periods" if domain is not found during registration to Foreman should validate host associations are in the host's taxonomies

- Category changed from Hosts to Organizations and Locations

- Assignee set to Stephen Benjamin

Really a foreman issue, going to fix there.

#6 - 04/25/2018 01:46 PM - The Foreman Bot

- Status changed from New to Ready For Testing

- Pull request <https://github.com/theforeman/foreman/pull/5494> added

#7 - 06/12/2018 03:01 PM - Stephen Benjamin

- Status changed from *Ready For Testing* to *Closed*

- % Done changed from 0 to 100

Applied in changeset [a525db23e8ae9e12f95f4e7fce1377fa270efb46](#).

#8 - 06/12/2018 05:26 PM - Marek Hulán

- translation missing: *en.field_release* changed from 352 to 353

In fact, this was fixed in Foreman, resetting the release.