**Foreman - Bug #23232**

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

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

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
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<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td>Stephen Benjamin</td>
</tr>
<tr>
<td>Category:</td>
<td>Organizations and Locations</td>
</tr>
<tr>
<td>Target version:</td>
<td>1.19.0</td>
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<tr>
<td>Difficulty:</td>
<td></td>
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<tr>
<td>Pull request:</td>
<td><a href="https://github.com/theforeman/foreman/pull/5494">https://github.com/theforeman/foreman/pull/5494</a></td>
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<td>Triaged:</td>
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<td>Fixed in Releases:</td>
<td>1.19.0</td>
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<tr>
<td>Bugzilla link:</td>
<td>1566166</td>
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<td>Found in Releases:</td>
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**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](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](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
```

03/25/2022
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
- Legacy Backlogs Release (now unused) set to 352
- Category set to Hosts

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

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

Applied in changeset a525db23e8ae9e12f95f4e7fcee1377fa270efb46.

#8 - 06/12/2018 05:26 PM - Marek Hulán
- Legacy Backlogs Release (now unused) changed from 352 to 353

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