Foreman - Bug #26909
Unable to add smartclass parameter with matcher fqdn, when hosts installed with disabled option "add domain to hostname"

05/29/2019 05:25 AM - Hao Yu

Status: Closed
Priority: Normal
Assignee:
Category: Smart Variables
Target version:
Difficulty:
Pull request: https://github.com/theforeman/foreman/pull/6830
Triaged: Yes
Fixed in Releases: 1.23.0
Bugzilla link: 1667973
Found in Releases: 1.20.1

Description
Description of problem:
When a host is installed with name and the satellite option "append domain name for hosts" is disabled, it's not possible to define a sc-parameter using hammer, which matches on fqdn.

Version-Release number of selected component (if applicable):
tfm-rubygem-hammer_cli-0.13.1.1-1.el7sat.noarch

How reproducible:
always

Steps to Reproduce:
1. hammer settings set --name 'append_domain_name_for_hosts' --value 'false'
2. hammer host create \
   --ask-root-password 0 \ 
   --build 1 \ 
   --provision-method build \ 
   --domain "crazy.lab" \ 
   --hostgroup "HG-RHEL7-DEV" \ 
   --subnet "crazy.lab" \ 
   --organization "CRAZY LAB" \ 
   --location "LOCAL" \ 
   --name "rhelhosta" \ 
   --compute-resource "libvirt@CHUNK"
3. hammer host start --name "rhelhosta"
4. hammer sc-param add-matcher --match 'fqdn=rhelhosta.crazy.lab' --value 'Good Morning' --smart-class-parameter content --puppet-class motd

Actual results:
Could not create the override value:
Validation failed: Match fqdn=rhelhosta.crazy.lab does not match an existing host

Expected results:
A sc-parameter is added with matcher fqdn=rhelhosta.crazy.lab

Additional info:

1. hammer fact list --search "rhelhost*"
   Host          | Fact                   | Value
   rhelhosta     | hostname               | rhelhosta
   rhelhosta     | networking::hostname   | rhelhosta
   rhelhosta     | clientcert            | rhelhosta
   rhelhosta     | fqdn                  | rhelhosta.crazy.lab
rhelhosta | networking::fqdn | rhelhosta.crazy.lab
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It's possible to add this parameter using 'hostname', but this results in not working puppet-rule, as fqdn=rhelhosta does not match facter-result.

1. hammer sc-param add-matcher --match 'fqdn=rhelhosta' --value 'Good Morning!' --smart-class-parameter content
   --puppet-class motd
   Override value created.

Associated revisions
Revision 4bfee78b - 07/08/2019 10:11 PM - Hao Yu
Fixes #26909 - Validate fqdn matcher by hosts' primary nic name

When "Append domain names to the host" setting is set to "No", Foreman won't append the domain name to the host after provisioning so host.name will remain as short name. Without this patch, user cannot create/update a lookup value with matcher fqdn=host.domain.com because it will fail with validation error. The reason that it failed to validate is Foreman uses the host.name(asename) to find for existing host that matches "host.domain.com" which will never match. This patch fixed the issue.

History
#1 - 06/06/2019 02:28 PM - The Foreman Bot
- Status changed from New to Ready For Testing
- Pull request https://github.com/theforeman/foreman/pull/6830 added

#2 - 07/08/2019 10:21 PM - Ondřej Ezr
- Triaged changed from No to Yes
- Category set to Smart Variables
- Fixed in Releases 1.23.0 added

#3 - 07/08/2019 11:01 PM - Hao Yu
- Status changed from Ready For Testing to Closed

Applied in changeset 4bfee78b074b7c09944dbf9859318413d8c0d932