

Foreman - Bug #9882

hammer host create with no compute profile or attributes results in "mac value is blank"

03/24/2015 09:15 AM - Tom Caspy

Status:	Resolved	
Priority:	Normal	
Assignee:	Tom Caspy	
Category:	API	
Target version:		
Difficulty:		Fixed in Releases:
Triaged:		Found in Releases:
Bugzilla link:	1177570	Red Hat JIRA:
Pull request:	https://github.com/theforeman/foreman/pull/2262	

Description

When creating a host on a compute resource with no compute attributes or compute profile, you get the error "mac value is blank":

```
# hammer -u ... -p ... compute-resource info --id 22 | grep -i provider
Provider:    Libvirt
# hammer -u ... -p ... host create \
  --architecture-id 37 \
  --domain-id 42 \
  --environment-id 81 \
  --location-id 258 \
  --mac 'a9:1a:9a:70:be:60' \
  --medium-id 32 \
  --name 'AkqttNPO2' \
  --operatingsystem-id 43 \
  --organization-id 259 \
  --partition-table-id 28 \
  --puppet-proxy-id 1 \
  --root-pass 'changeme' \
  --compute-resource-id 22
Could not create the host:
mac value is blank!
```

Foreman detects whether the host is compute or not based on the presence of the `compute_resource_id` **and** some attributes to create it with.

History

#1 - 03/24/2015 09:16 AM - Tom Caspy

- Bugzilla link set to 1177570

#2 - 03/25/2015 09:23 AM - Dominic Cleal

- Description updated

- Category set to API

- Subject changed from *hammer host create with mac results in "mac value is blank"* to *hammer host create with no compute profile or attributes results in "mac value is blank"*

#3 - 03/25/2015 09:23 AM - Dominic Cleal

- Description updated

#4 - 09/04/2015 03:44 AM - Marek Hulán

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

I believe this was caused by missing compute attributes that would specify at least one interface which caused fog to create a vm without any nic so

Foreman couldn't load a mac. To create the host properly on libvirt compute resource, you have to specify --interface argument as well so it will create at least one interface, e.g.

```
# hammer -u ... -p ... host create \  
  --architecture-id 37 \  
  --domain-id 42 \  
  --environment-id 81 \  
  --location-id 258 \  
  --mac 'a9:1a:9a:70:be:60' \  
  --medium-id 32 \  
  --name 'AkqttNPO2' \  
  --operatingsystem-id 43 \  
  --organization-id 259 \  
  --partition-table-id 28 \  
  --puppet-proxy-id 1 \  
  --root-pass 'changeme' \  
  --compute-resource-id 22 \  
  --interface type=network # <--- this is important
```

After we match interfaces with compute interface (introduced in 1.8) this is no longer an issue. If you see this behaviour on Foreman 1.8+, please reopen the issue.