

Foreman - Bug #10223

Image provisioning over API doesn't start host automatically

04/21/2015 08:27 AM - El Joppa

Status: New	
Priority: Normal	
Assignee:	
Category: API	
Target version:	
Difficulty:	Fixed in Releases:
Triaged:	Found in Releases:
Bugzilla link:	Red Hat JIRA:
Pull request:	
Description	
Foreman 1.8rc3 Debian Wheezy	
<pre>curl -s -X \$METHOD -H "Accept:application/json" -H "Content-Type:application/json" \ -k -u \$USER:\$PASS \ -d '{"host":{"name":"test1","hostgroup_id":"1","operatingsystem_id":"1","image_id":"1","compute_resource_id":"1","compute_profile_id":"1","provision_method":"image","subnet_id":"1","compute_attributes":{"start":"1","vm_attrs":{"cpus":"4"}}}}' \ \$FOREMAN_URL/api/v2/hosts json_pp</pre>	
The machine is created through libvirt provider but the virtual machine doesnt have a filesystem with content in it so it just says "No boot device" in the console. If i drop the compute_attributes and just power up the machine manually it all works..except i have to manually power up the machine after the api call (which waits for the machine to come up)	
debug put up at: rsync /tmp/foreman-debug-ngR17.tar.xz rsync://theforeman.org/debug-incoming	
Related issues:	
Related to Foreman - Bug #6342: Compute profile should be used when empty vol...	Closed 06/23/2014
Has duplicate Foreman - Bug #14210: Provisioning via API doesn't start the ho...	Duplicate 03/15/2016
Has duplicate Foreman - Bug #14325: VM does not start after creation when usi...	Duplicate 03/22/2016

History

#1 - 04/24/2015 02:26 AM - El Joppa

After alot of debugging and retrying i got to build a host correctly with image through the api with autostart of the virtual machine in libvirt. If you touch compute_attributes you have to complete the whole block with more data to get it done correctly. Attaching example for other users having issues with this:

```
curl -s -X POST -H "Accept:application/json" -H "Content-Type:application/json" \
-k -u $USER:$PASS \
-d \
'{"host":{"
  "name":"'$NAME'",
  "hostgroup_id":"1",
  "compute_resource_id":"1",
  "compute_profile_id":"1",
  "environment_id":"1",
  "puppet_ca_proxy_id":"",
  "puppet_proxy_id":"",
  "salt_environment_id":"3",
  "salt_proxy_id":"3",
  "salt_module_ids":[
    ""
  ],
  "puppetclass_ids":[
    ""
  ],

```

```

"managed": "true",
"progress_report_id": "[FILTERED]",
"type": "Host::Managed",
"compute_attributes": {
  "cpus": "1",
  "memory": "805306368",
  "start": "1",
  "volumes_attributes": {
    "0": {
      "_delete": "",
      "pool_name": "default",
      "capacity": "10G",
      "allocation": "0G",
      "format_type": "qcow2"
    },
    "new_volumes": {
      "_delete": "",
      "pool_name": "default",
      "capacity": "10G",
      "allocation": "0G",
      "format_type": "raw"
    }
  },
  "image_id": "/var/lib/libvirt/images/foo.img"
},
"architecture_id": "1",
"subnet_id": "1",
"operatingsystem_id": "1",
"provision_method": "image",
"build": "1",
"medium_id": "2",
"ptable_id": "9",
"disk": "",
"enabled": "1",
"model_id": "",
"comment": "",
"overwrite": "false"
}}' \
$FOREMAN_URL/api/v2/hosts | json_pp

```

#2 - 04/27/2015 04:41 AM - Dorian D

I have this exact same problem. It would be great if we could use "start": "1" without explicitly setting the rest of the compute_attributes. These should already be set through the compute profile and shouldn't have to be set again when posting to the api.

#3 - 03/16/2016 05:44 AM - Dominic Cleal

- Has duplicate Bug #14210: Provisioning via API doesn't start the host by default added

#4 - 03/16/2016 05:47 AM - Dominic Cleal

- Subject changed from Do not get image provision to work over api to Image provisioning over API doesn't start host automatically

Regarding compute attributes, the fix in [#6342](#) to merge attributes supplied in the API with those from the compute profile is now available in Foreman 1.11. This means you can now pass just {"compute_attributes":{"start":"1"}} without needing to duplicate the rest.

Leaving this open because host creation over the API should still start the VM automatically like the UI default.

#5 - 03/16/2016 05:47 AM - Dominic Cleal

- Related to Bug #6342: Compute profile should be used when empty volumes and interfaces passed in compute_attributes added

#6 - 03/23/2016 04:13 AM - Dominic Cleal

- Has duplicate Bug #14325: VM does not start after creation when using a compute profile added