Foreman - Bug #26402
vmware compute-attributes scsi_controller_type not honored
03/19/2019 08:14 AM - Marek Hulán

Status: Closed
Priority: Normal
Assignee: Ondřej Ezr
Category: Compute resources - VMware
Target version: 1.22.0
Difficulty: easy
Pull request: https://github.com/theforeman/foreman/pull/6595
Triaged: Yes
Fixed in Releases: 1.22.0
Bugzilla link: 1673474

Description

Description of problem:
Creating a vmware host with the compute-attributes scsi_controller_type is not creating the VM with the provided SCSI controller type

Version-Release number of selected component (if applicable):

vSphere 6.5
hammer (0.13.1.1)

How reproducible:
All the time

Steps to reproduce:

Create a host and specify the scsi_controller_type compute-attributes

```
hammer host create --name "test.local" \  
   --organization "ORG" \  
   --location "location" \  
   --compute-resource host.vmware.local \  
   --compute-attributes="cpus=2,corespersocket=1,memory_mb=2048,cluster=PRODUCTION,path=TO_CLAS\S,start=1,guest_id=rhel7_64Guest,scsi_controller_type=ParaVirtualSCSIController,hardware_version=v\mx-10" \  
   --provision-method build \  
   --build true \  
   --enabled true \  
   --managed true \  
   --interface "managed=true,primary=true,provision=true,compute_type=VirtualVmxnet3,compute_ne\ntwork=VLAN100" \  
   --hostgroup SOME_HOST_GROUP \  
   --ip 10.0.0.10 \  
   --volume="size_gb=20G,datastore=PROD,name=myharddisk,thin=true"
```

Actual results:

The VM is created with the "VirtualLsiLogicController" scsi controller

Expected results:

The VM is created with the "ParaVirtualSCSIController" scsi controller

Additional info:
I have changed the following lines

```ruby
def scsi_controller_default_type
  "VirtualLSILogicController"
  "ParaVirtualSCSIController"
end
```

in `/usr/share/foreman/app/models/compute_resources/foreman/model/vmware.rb`

to at least default to `ParaVirtualSCSIController`.

Note that this may be either in API or hammer, but based on what I've seen, it's probably API, so opening the issue in Foreman project.

**Related issues:**

- Related to Foreman - Bug #26756: Drop invalid scsi_controller_type attribute  
  - Closed

**Associated revisions**

- Revision ae8b3921 - 03/26/2019 11:05 AM - Ondřej Ezr
  - Fixes #26402 - VMware scsi_controller type from hammer (#6595)

**History**

- **#1 - 03/20/2019 02:48 PM - The Foreman Bot**
  - Status changed from New to Ready For Testing
  - Pull request https://github.com/theforeman/foreman/pull/6595 added

- **#2 - 03/20/2019 02:53 PM - Ondřej Ezr**
  - Triaged changed from No to Yes
  - Difficulty set to easy
  - Assignee set to Ondřej Ezr

The hammer option `scsi_controller_type` is actually never used and I haven't found a in a history when it was, but I guess it doesn't work since we support multiple `scsi_controllers`.

- **#3 - 03/26/2019 11:05 AM - Marek Hulán**
  - Fixed in Releases 1.22.0 added

- **#4 - 03/26/2019 12:01 PM - Anonymous**
  - Status changed from Ready For Testing to Closed

Applied in changeset `ae8b3921e6b3f4512c3ef49e095722f4cd7a43b`.

- **#5 - 05/07/2019 02:45 PM - Ondřej Ezr**
  - Related to Bug #26756: Drop invalid scsi_controller_type attribute added