Deploying a New Host to vmware compute resource from existing template always ends up with thin provisioned disk

06/11/2019 07:09 AM - Marek Hulán

Status: Resolved
Priority: High
Assignee: Ondřej Ezr
Category: Compute resources - VMware

Description
Cloned from https://bugzilla.redhat.com/show_bug.cgi?id=1378579

Description of problem:
Create a New Host, destined for a Vmware compute resource, image based off an existing template in Vmware. When the new host is deployed, it will always have thin provisioned disks.

Version-Release number of selected component (if applicable):
6.2.1

How reproducible:
Every Time

Steps to Reproduce:
1. Create a New Host, destined for a Vmware compute resource, image based off an existing template in Vmware.
2. Go into Vmware, right click settings, and look at disk
3. Disk will be thin provisioned, even though the template or any settings in Webui are requesting thick

Additional info:
fog-vsphere gem, requests/compute/vm_cloen.rb, approx line 583, is looking for an options['transform'] setting that doesn't get set anywhere by Satellite it seems.

`relocation_spec = RbVmomi::VIM.VirtualMachineRelocateSpec(pool => resource_pool,transform => options['transform'] || 'sparse')`

Since it's not set, it defaults to 'sparse' which makes it thin. If I hard code this line to be "transform => 'flat'", it'll deploy thick provisioned lazy zero, as I need.

History
#1 - 07/21/2019 09:56 PM - Ondřej Ezr
  - Triaged changed from No to Yes
  - Assignee set to Ondřej Ezr
  - Subject changed from Deploying a New Host to vmware compute resource from existing template always ends up with thin provisioned disk to Deploying a New Host to vmware compute resource from existing template always ends up with thin provisioned disk
  - Fixed in Releases 1.23.0 added

This is fixed in fog-vsphere 3.2.0, that is packaged for Foreman 1.23 (https://github.com/theforeman/foreman-packaging/pull/3935).
Commit with fix: https://github.com/fog/fog-vsphere/commit/eb0c3a6e0245e77794bbad4897b4aa6c1a54e1fb0

#2 - 07/21/2019 09:57 PM - Ondřej Ezr
  - Status changed from New to Resolved

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#3 - 07/22/2019 07:55 AM - Marek Hulán
Resolved by #27313

#4 - 07/22/2019 07:55 AM - Marek Hulán
- Pull request https://github.com/theforeman/foreman-packaging/pull/3935 added