Cannot add new disk to VM when using image based to provision

On creation of a new host on the compute resource:

Unable to save
Failed to create a compute VMwareBER (VMware) instance vmdocker01.coast.ebuero.de: InvalidRequest: Required property diskId is missing from data object of type VirtualMachineRelocateSpecDiskLocator while parsing serialized DataObject of type vim.vm.RelocateSpec.DiskLocator at line 1, column 651 while parsing property "disk" of static type ArrayOfVirtualMachineRelocateSpecDiskLocator while parsing serialized DataObject of type vim.vm.RelocateSpec at line 1, column 558 while parsing property "location" of static type VirtualMachineRelocateSpec while parsing serialized DataObject of type vim.vm.CloneSpec at line 1, column 512 while parsing property "cloneSpec" of static type VirtualMachineCloneSpec while parsing serialized DataObject of type vim.vm.CloneSpecDiskLocator while parsing serialized DataObject of type vim.vm.CloneSpec while parsing call information for method RecommendDatastores at line 1, column 283 while parsing HTTP request for method recommendDatastores on object of type vim.StorageResourceManager at line 1, column 0

In the logs:

2018-01-18T16:04:11 9055df54 [app] [W] Failed to create a compute <name> instance <name>: InvalidRequest:
  | Required property diskId is missing from data object of type VirtualMachineRelocateSpecDiskLocator
  | Required property datastore is missing from data object of type VirtualMachineRelocateSpecDiskLocator
  | while parsing serialized DataObject of type vim.vm.RelocateSpec.DiskLocator at line 1, column 651
  | while parsing property "disk" of static type ArrayOfVirtualMachineRelocateSpecDiskLocator
  | while parsing serialized DataObject of type vim.vm.RelocateSpec at line 1, column 558
  | while parsing property "location" of static type VirtualMachineRelocateSpec
  | while parsing serialized DataObject of type vim.vm.CloneSpecDiskLocator at line 1, column 512

Bugzilla link: 1538597
Fixed in Releases: 1.19.0
Found in Releases: 1.17.1
RbVmomi::Fault: InvalidRequest:
Required property diskId is missing from data object of type VirtualMachineRelocateSpecDiskLocator
Required property datastore is missing from data object of type VirtualMachineRelocateSpecDiskLocator

while parsing serialized DataObject of type vim.vm.RelocateSpec.DiskLocator
at line 1, column 651

while parsing property "disk" of static type ArrayOfVirtualMachineRelocateSpecDiskLocator
while parsing serialized DataObject of type vim.vm.RelocateSpec
at line 1, column 558

while parsing property "location" of static type VirtualMachineRelocateSpec
while parsing serialized DataObject of type vim.vm.CloneSpec
at line 1, column 512

while parsing property "cloneSpec" of static type VirtualMachineCloneSpec
while parsing serialized DataObject of type vim.storageDrs.StoragePlacementSpec
at line 1, column 283

while parsing call information for method RecommendDatastores
on object of type vim.StorageResourceManager
at line 1, column 0

/usr/share/foreman/vendor/ruby/2.3.0/gems/rbvmomi-1.11.3/lib/rbvmomi/connection.rb:63:in `parse_response'
/usr/share/foreman/vendor/ruby/2.3.0/gems/rbvmomi-1.11.3/lib/rbvmomi/connection.rb:92:in `call'
/usr/share/foreman/vendor/ruby/2.3.0/gems/rbvmomi-1.11.3/lib/rbvmomi/basic_types.rb:213:in `_call'
/usr/share/foreman/vendor/ruby/2.3.0/gems/rbvmomi-1.11.3/lib/rbvmomi/basic_types.rb:76:in `block (2 levels) in init'
/usr/share/foreman/vendor/ruby/2.3.0/gems/fog-vsphere-1.13.1/lib/fog/vsphere/requests/compute/vm_clone.rb:657:in `vm_clone'
/usr/share/foreman/app/models/compute_resources/foreman/model/vmware.rb:432:in `create_vm'
/usr/share/foreman/app/models/concerns/orchestration/compute.rb:77:in `setCompute'
/usr/share/foreman/app/models/concerns/orchestration.rb:220:in `execute'
while parsing serialized DataObject of type vim.vm.RelocateSpec.DiskLocator
| Required property diskId is missing from data object of type VirtualMachineRelocateSpecDiskLocator
| Required property datastore is missing from data object of type VirtualMachineRelocateSpecDatastore
| InvalidRequest: 2018-01-18T16:04:11 9055df54 [app] [I] Failed to save: Failed to create a compute ... instance ...
| 2018-01-18T16:04:11 9055df54 [app] [E] Task 'Set up compute instance...' *failed*
| 2018-01-18T16:04:11 9055df54 [app] [E] Task 'Query instance details for ...' *canceled*

```
while parsing serialized DataObject of type vim.vm.RelocateSpec.DiskLocator
| Required property diskId is missing from data object of type VirtualMachineRelocateSpecDiskLocator
| Required property datastore is missing from data object of type VirtualMachineRelocateSpecDatastore
```

03/20/2022 6/8
```plaintext
| while parsing property "disk" of static type ArrayOfVirtualMachineRelocateSpecDiskLocator
| while parsing serialized DataObject of type vim.vm.RelocateSpec
| at line 1, column 651
| while parsing property "location" of static type VirtualMachineRelocateSpec
| while parsing serialized DataObject of type vim.vm.CloneSpec
| at line 1, column 558
| while parsing property "cloneSpec" of static type VirtualMachineCloneSpec
| while parsing serialized DataObject of type vim.storageDrs.StoragePlacementSpec
| at line 1, column 512
| while parsing call information for method RecommendDatastores
| at line 1, column 283
| while parsing SOAP body
| at line 1, column 177
| while parsing SOAP envelope
| at line 1, column 0
| while parsing HTTP request for method recommendDatastores
| on object of type vim.StorageResourceManager
| at line 1, column 167

Related issues:
Related to Foreman - Bug #21520: "InvalidRequest: Required property diskld is... [Closed 10/31/2017]

History
#1 - 02/22/2018 03:58 PM - Alexander Ray
- Related to Bug #21520: "InvalidRequest: Required property diskld is missing" when provisionning a new Virtual Machine from template added

#2 - 02/22/2018 04:01 PM - Alexander Ray
I get the same error, however only when attempting to deploy from an image (vmware template). If I do PXE instead, it works fine.

#3 - 06/28/2018 09:29 PM - Chris Roberts
- Bugzilla link set to 1538597
- Triaged set to Yes
- Legacy Backlogs Release (now unused) set to 353
- Assignee set to Chris Roberts
- Subject changed from Cannot create VMware VMs to Cannot add new disk to VM when using image based to provision

#4 - 06/29/2018 08:40 PM - Chris Roberts
- Difficulty set to easy
- Status changed from New to Ready For Testing
- Pull request https://github.com/fog/fog-vsphere/pull/151 added

#5 - 07/11/2018 12:27 PM - Chris Roberts
- Found in Releases 1.17.1 added
- Found in Releases deleted (1.16.0)
- Fixed in Releases 1.19.0 added
```
- Pull request https://github.com/theforeman/foreman-packaging/pull/2731 added

#6 - 07/11/2018 12:28 PM - Chris Roberts
- Status changed from Ready For Testing to Resolved
- Pull request https://github.com/theforeman/foreman-packaging/pull/2729 added

#7 - 07/24/2018 11:42 AM - Tomer Brisker
- Status changed from Resolved to Closed

#8 - 08/29/2018 02:46 PM - Ewoud Kohl van Wijngaarden
- Category changed from Compute resources - VMware to RPMs
- Project changed from Foreman to Packaging