Foreman - Bug #22656

ovirt vm creation fails for slow storage backend

02/22/2018 10:50 AM - Virgil Chereches

Status:  Closed
Priority: Normal
Assignee: yifat makias
Category: Compute resources - oVirt

Description

We encountered the following kind of errors when trying to create VM on ovirt 4.1 via Foreman:
Failed to create a compute xxx (oVirt) instance xxx: Cannot remove VM: The following disks are locked: xxx_Disk2, xxx_Disk1.
Please try again in a few minutes.  

The error only occurred on slow storage devices as volumes backend.
Looking through app/models/compute_resources/foreman/model/ovirt.rb model I saw that it is destroying the vm if either interfaces or volumes creation fails.
I also identified the following piece of code for volume creation:

```ruby
def create_volumes(vm, attrs)
  # add volumes
  volumes = nested_attributes_for :volumes, attrs
  volumes.map do |vol|
    set_preallocated_attributes!(vol, vol[:preallocate])
    # The blocking true is a work-around for ovirt bug fixed in ovirt version 3.1.
    vm.add_volume({:bootable => 'false', :quota => ovirt_quota, :blocking => api_version.to_f < 3.1}.merge(vol)) if vol[:id].blank?
  end
  vm.volumes.reload
end
```

Changing 3.1 with 5.1 (actually enforcing blocking behavior) solved the issue.
So it seems that for ovirt 4.1 and slow storage devices the code must wait until the volume is added.

Associated revisions

Revision 1a090f9b - 11/13/2019 03:28 PM - yifat makias
Fixes #22656 - Fixed ovirt vm creation for slow storage

History

#1 - 11/05/2019 01:07 PM - yifat makias
- Assignee set to yifat makias
- Status changed from New to Assigned

#2 - 11/11/2019 12:25 PM - The Foreman Bot
- Status changed from Assigned to Ready For Testing
- Pull request https://github.com/theforeman/foreman/pull/7169 added

#3 - 11/13/2019 03:28 PM - The Foreman Bot
- Fixed in Releases 2.0.0 added
#4 - 11/13/2019 04:01 PM - yifat makias

- Status changed from Ready For Testing to Closed

Applied in changeset 1a090f9b14a41604d329c313986c92652da0ac81.