

## Foreman - Bug #21313

### [oVirt][ComputeResources][BCM] Foreman fail to perform power cycle action for stateless VM hosted in oVirt

10/12/2017 02:03 PM - Lukas Bednar

<b>Status:</b>	New	
<b>Priority:</b>	Normal	
<b>Assignee:</b>		
<b>Category:</b>	Compute resources - oVirt	
<b>Target version:</b>		
<b>Difficulty:</b>		<b>Fixed in Releases:</b>
<b>Triaged:</b>		<b>Found in Releases:</b> 1.12.4
<b>Bugzilla link:</b>		<b>Red Hat JIRA:</b>
<b>Pull request:</b>		
<b>Description</b>		
<p>When performing power cycle action on host which is:</p> <ul style="list-style-type: none"><li>- hosted on oVirt 4.1</li><li>- stateless</li><li>- managed via ComputeResources</li></ul> <p>The action fails on following message "Cannot run VM because the VM is in Powering Down status."</p> <p>Steps to reproduce:</p> <ul style="list-style-type: none"><li>- create vm in oVirt</li><li>- make sure that it has stateless attribute set</li><li>- associate with host in foreman</li><li>- perform power-cycle action</li></ul> <p>Expected result: host gets down / up</p> <p>Current result: "Cannot run VM because the VM is in Powering Down status."</p> <p>I attached client and server side logs.</p> <p>I think that it fails because stateless VM goes through one additional status (RestoringState) when it performs rollback to stateless snapshot. PoweringDown -&gt; RestoringState -&gt; Down</p> <p><a href="https://www.ovirt.org/documentation/how-to/faq/">https://www.ovirt.org/documentation/how-to/faq/</a></p>		

## History

### #1 - 10/26/2017 02:42 PM - Ivan Necas

After applying the patches from [#19113](#), we got rid of Cannot run VM because the VM is in Powering Down status., but we are getting

```
2017-10-26 17:29:21 [app] [W] Failed to reboot system-ge-host-9.rhev.lab.eng.brq.redhat.com.
| OVIRT::OvirtException: Cannot run VM. The VM is performing an operation on a Snapshot. Please wait for the
operation to finish, and try again.
| /opt/foreman/tfm/root/usr/share/gems/gems/rbovirt-0.1.2/lib/rbovirt.rb:216:in `handle_fault'
| /opt/foreman/tfm/root/usr/share/gems/gems/rbovirt-0.1.2/lib/rbovirt.rb:135:in `rescue in http_post'
| /opt/foreman/tfm/root/usr/share/gems/gems/rbovirt-0.1.2/lib/rbovirt.rb:132:in `http_post'
| /opt/foreman/tfm/root/usr/share/gems/gems/rbovirt-0.1.2/lib/client/vm_api.rb:142:in `vm_action'
| /opt/foreman/tfm/root/usr/share/gems/gems/fog-1.38.0/lib/fog/ovirt/requests/compute/vm_action.rb:9:in `v
m_action'
| /opt/foreman/tfm/root/usr/share/gems/gems/fog-1.38.0/lib/fog/ovirt/models/compute/server.rb:117:in `star
t'
| /opt/foreman/tfm/root/usr/share/gems/gems/fog-1.38.0/lib/fog/ovirt/models/compute/server.rb:140:in `rebo
ot'
| /usr/share/foreman/app/models/concerns/fog_extensions/ovirt/server.rb:37:in `reset'
| /usr/share/foreman/app/services/power_manager/virt.rb:31:in `default_action'
| /usr/share/foreman/app/services/power_manager/base.rb:19:in `block (2 levels) in <class:Base>'
| /usr/share/foreman/app/controllers/hosts_controller.rb:213:in `setBuild'
```

```
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_controller/metal/implicit_render.rb:4:in `send_action'  
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/abstract_controller/base.rb:198:in `process_action'  
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_controller/metal/rendering.rb:10:in `process_action'  
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/abstract_controller/callbacks.rb:20:in `block in process_action'  
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/activestorage-4.2.5.1/lib/active_support/callbacks.rb:117:in `call'  
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/activestorage-4.2.5.1/lib/active_support/callbacks.rb:117:in `call'  
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/activestorage-4.2.5.1/lib/active_support/callbacks.rb:555:in `block (2 levels) in compile'  
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/activestorage-4.2.5.1/lib/active_support/callbacks.rb:505:in `call'
```

Unfortunately, we can't tell the VM readiness state from the status (vm.status is still down), but the associated snapshot is in Locked state. I guess we would need to list the snapshots for the VM and check, if any of the snapshots is locked.

## Files

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foreman-client.log	2.23 KB	10/12/2017	Lukas Bednar
foreman.log	17.3 KB	10/12/2017	Lukas Bednar