

Foreman - Bug #1302

undefined method `vcpu' for nil:NilClass

11/09/2011 06:57 AM - Gaël Gustin

Status: Closed	
Priority: Normal	
Assignee:	
Category: Host creation	
Target version:	
Difficulty:	Fixed in Releases:
Triaged:	Found in Releases:
Bugzilla link:	Red Hat JIRA:
Pull request:	
Description	
Hi,	
I'm currently testing foreman for a possible start of production, but when I try to add a Host Group, I get the following error (I'm on debian - stable repository) :	
undefined method `vcpu' for nil:NilClass	
ctionView::TemplateError	
undefined method `vcpu' for nil:NilClass	
app/views/common/_hypervisor.html.erb:10	
app/views/common/_hypervisor.html.erb:1	
app/views/hostgroups/_form.html.erb:53	
app/views/hostgroups/_form.html.erb:1	
app/views/hostgroups/new.html.erb:3	
app/controllers/application_controller.rb:214:in `process_error'	
app/controllers/application_controller.rb:210:in `process_error'	
app/controllers/hostgroups_controller.rb:63:in `create'	
Related issues:	
Is duplicate of Foreman - Bug #1343: undefined method `vcpu' for nil:NilClass	Duplicate 11/21/2011

History

#1 - 11/09/2011 09:48 AM - Ohad Levy

which version of foreman? afaik, this was fixed in the 0.4 release

#2 - 11/16/2011 06:58 AM - Gaël Gustin

Hi,

Thank you for your answer.

Version : 0.4

I tried to find which value make that error, it's when a set "virtual machine" > "provision on" to "KVM"

#3 - 11/16/2011 08:03 AM - Ohad Levy

- Status changed from New to Feedback

this is most likely related to your hypervisor setup, does browsing the hypervisor guests works ? (or other hypervisor related errors)?

you should probably get the real error message there.

#4 - 11/16/2011 08:21 AM - Gaël Gustin

Hi,

Ok , I search in this way.

PS :
More information in /usr/share/foreman/log :

```
Processing HostgroupsController#create (for 10.99.98.68 at 2011-11-16 15:19:38) [POST]
Parameters: {"commit"=>"Submit", "action"=>"create", "authenticity_token"=>"X5fHEXlfqpywycUyeMB+LIHX/GzXJ+oHN494eZJmKh4w=",
"hostgroup"=>{"architecture_id"=>"1", "subnet_id"=>"1", "puppetproxy_id"=>""}, "name"=>"Monitoring", "puppetmaster_name"=>"", "domain_id"=>"1",
"hypervisor_id"=>"1", "root_pass"=>"[FILTERED]", "medium_id"=>"5", "ptable_id"=>"3", "environment_id"=>"2", "parent_id"=>""},
"puppetclass_ids"=>[""], "operatingsystem_id"=>"1"}, "controller"=>"hostgroups"}
Failed to save: Puppetmaster can't be blank, Memory can't be blank, Vcpu can't be blank, Storage pool can't be blank, Disk size can't be blank,
Network type can't be blank, Interface can't be blank, Name has already been taken
Rendering template within layouts/application
Rendering hostgroups/new
```

ActionView::TemplateError (undefined method `vcpu' for nil:NilClass) on line #10 of app/views/common/_hypervisor.html.erb:

```
7:
8:  <% if @hypervisor ||= item.try(:hypervisor) ->
9:    <= selectable_f f, :memory, select_memory(item) >
10:    <= text_f f, :vcpu, :value => (item.vcpu || @guest.vcpu), :label => "VCPU" >
11:    <= text_f f, :disk_size, :value => volume_size(item), :help_inline => "in GB" >
12:    <= selectable_f f, :storage_pool, @hypervisor.storage_pools >
13:    <= selectable_f f, :network_type, Hypervisor::NETWORK_TYPES %>
```

```
app/views/common/_hypervisor.html.erb:10
app/views/common/_hypervisor.html.erb:1
app/views/hostgroups/_form.html.erb:53
app/views/hostgroups/_form.html.erb:1
app/views/hostgroups/new.html.erb:3
app/controllers/application_controller.rb:214:in `process_error'
app/controllers/application_controller.rb:210:in `process_error'
app/controllers/hostgroups_controller.rb:63:in `create'
/usr/lib/ruby/1.8/webrick/httpserver.rb:104:in `service'
/usr/lib/ruby/1.8/webrick/httpserver.rb:65:in `run'
/usr/lib/ruby/1.8/webrick/server.rb:173:in `start_thread'
/usr/lib/ruby/1.8/webrick/server.rb:162:in `start'
/usr/lib/ruby/1.8/webrick/server.rb:162:in `start_thread'
/usr/lib/ruby/1.8/webrick/server.rb:95:in `start'
/usr/lib/ruby/1.8/webrick/server.rb:92:in `each'
/usr/lib/ruby/1.8/webrick/server.rb:92:in `start'
/usr/lib/ruby/1.8/webrick/server.rb:23:in `start'
/usr/lib/ruby/1.8/webrick/server.rb:82:in `start'
```

```
app/views/common/_hypervisor.html.erb:10
app/views/common/_hypervisor.html.erb:1
app/views/hostgroups/_form.html.erb:53
app/views/hostgroups/_form.html.erb:1
app/views/hostgroups/new.html.erb:3
app/controllers/application_controller.rb:214:in `process_error'
app/controllers/application_controller.rb:210:in `process_error'
app/controllers/hostgroups_controller.rb:63:in `create'
Rendering template within layouts/application
Rendering common/500 (500)
```

#5 - 11/21/2011 10:00 AM - Ohad Levy

does browsing your hypervisor guests give yields errors? it seems to be an issue with your hypervisor setup.

the log sadly does not provide sufficient information.

#6 - 11/21/2011 10:00 AM - Ohad Levy

- Status changed from Feedback to Duplicate

#7 - 11/21/2011 10:01 AM - Ohad Levy

- Status changed from Duplicate to Feedback

#8 - 11/21/2011 11:50 AM - Jakob N

Hi,

the following error is shown:

```
NoMethodError
undefined method `find_volume_by_name' for nil:NilClass
```

```
/usr/share/foreman/vendor/plugins/virt/lib/virt/volume.rb:66:in `fetch_volume'  
/usr/share/foreman/vendor/plugins/virt/lib/virt/volume.rb:14:in `initialize'  
/usr/share/foreman/vendor/plugins/virt/lib/virt/guest.rb:18:in `new'  
/usr/share/foreman/vendor/plugins/virt/lib/virt/guest.rb:18:in `initialize'  
/usr/share/foreman/vendor/plugins/virt/lib/virt/host.rb:75:in `new'  
/usr/share/foreman/vendor/plugins/virt/lib/virt/host.rb:75:in `find_guest_by_id'  
/usr/share/foreman/vendor/plugins/virt/lib/virt/host.rb:74:in `map'  
/usr/share/foreman/vendor/plugins/virt/lib/virt/host.rb:74:in `find_guest_by_id'  
/usr/share/foreman/vendor/plugins/virt/lib/virt/host.rb:20:in `running_guests'  
/usr/share/foreman/vendor/plugins/virt/lib/virt/host.rb:19:in `map'  
/usr/share/foreman/vendor/plugins/virt/lib/virt/host.rb:19:in `running_guests'  
/usr/share/foreman/vendor/plugins/virt/lib/virt/host.rb:15:in `guests'  
/usr/share/foreman/app/models/hypervisor/guest.rb:6:in `all'  
/usr/share/foreman/app/models/hypervisor.rb:34:in `guests'  
/usr/share/foreman/app/models/hypervisor.rb:86:in `query'  
/usr/share/foreman/app/models/hypervisor.rb:34:in `guests'  
/usr/share/foreman/app/controllers/hypervisors/guests_controller.rb:9:in `index'
```

Back

I have one vm running with `/usr/bin/kvm -S -M pc-0.12 -enable-kvm -m 384 -smp 1,sockets=1,cores=1,threads=1 -name vader -uuid b7318f79-1423-2662-37fd-e8c239cb2979 -nodelfaults -chardev socket,id=monitor,path=/var/lib/libvirt/qemu/vader.monitor,server,nowait -mon chardev=monitor,mode=readline -rtc base=utc -no-reboot -boot n -drive file=/srv/kvm/Platte.img,if=none,id=drive-ide0-0-0,format=raw -device ide-drive,bus=ide.0,unit=0,drive=drive-ide0-0-0,id=ide0-0-0 -device rtl8139,vlan=0,id=net0,mac=52:54:00:41:0e:8e,bus=pci.0,addr=0x3 -net tap,fd=49,vlan=0,name=hostnet0 -chardev pty,id=serial0 -device isa-serial,chardev=serial0 -usb -vnc 127.0.0.1:0 -k en-us -vga cirrus -device virtio-balloon-pci,id=balloon0,bus=pci.0,addr=0x4`

#9 - 11/21/2011 01:11 PM - Ohad Levy

Jakob N wrote:

Hi,

the following error is shown:

[...]

Do you have a storage pool defined?

#10 - 11/21/2011 04:42 PM - Jakob N

Thanks! Now I can select a value for memory, vcpu, ... This wasn't possible before.

Now I get "Failed to create Libirt instance foo.bar.de: Call to function virDomainDefineXML failed"

```
Processing HostsController#create (for 188.99.90.164 at 2011-11-21 22:39:33) [POST]  
Parameters: {"commit"=>"Submit", "action"=>"create", "authenticity_token"=>"q1H6OIoPPm4VugfGJVzBfzdto/O158Cv  
Gbui07mhits=", "controller"=>"hosts", "host"=>{"comment"=>"", "architecture_id"=>"2", "subnet_id"=>"1", "manag  
ed"=>"true", "puppetproxy_id"=>"", "name"=>"foo", "host_parameters_attributes"=>{"0"=>{"name"=>"", "nested"=>"  
", "value"=>"", "_destroy"=>""}}, "sp_mac"=>"", "powerup"=>"1", "network_type"=>"bridge", "puppetmaster_name"  
>"puppet", "disk_size"=>"8", "memory"=>"1048576", "sp_name"=>"", "domain_id"=>"1", "storage_pool"=>"virtimages  
", "enabled"=>"1", "root_pass"=>"[FILTERED]", "build"=>"1", "medium_id"=>"3", "interface"=>"tap53", "hyperviso  
r_id"=>"1", "hostgroup_id"=>"", "ptable_id"=>"1", "ip"=>"x.x.x.x", "environment_id"=>"1", "model_id"=>"", "dis  
k"=>"", "sp_ip"=>"", "vcpu"=>"1", "puppetclass_ids"=>[""], "operatingsystem_id"=>"1"}  
Adding Libvirt instance storage for foo.bar.de  
Adding Libvirt instance for foo.bar.de  
Failed to create Libirt instance foo.bar.de: Call to function virDomainDefineXML failed  
Rolling back due to a problem: Settings up libvirt instance foo.bar.de 2 failed foo.bar.desetLibvir  
t  
Removing Libvirt instance storage for foo.bar.de  
Failed to save: Failed to create Libirt instance foo.bar.de: Call to function virDomainDefineXML failed  
Rendering template within layouts/application  
Rendering hosts/new  
Completed in 1318ms (View: 743, DB: 23)
```

#11 - 01/10/2012 03:51 AM - Ohad Levy

Can you confirm this is still an issue with latest 0.4.1 or develop branch?

what do you see in your hypervisor logs?

#12 - 03/28/2012 03:57 AM - apoeleh apoeleh

It is a echt air and inspires everyone to theorise it completly. This is indeed rale gripping and achievement the readers. I revalue your thoughts.....

[Ultimate White Pages](#)

#13 - 01/03/2013 11:16 AM - Benjamin Papillon

Hello,

Foreman changed a lot since your issue was reported. Do you still have the problem? Can you provide us with an update regarding this ticket ?

Thanks!

#14 - 01/03/2013 11:17 AM - Benjamin Papillon

- *Tracker changed from Support to Bug*

#15 - 01/04/2013 04:02 AM - Gaël Gustin

Hello,

The problem is solved for me, you can close this ticket.

Regards,

#16 - 01/04/2013 05:48 AM - Benjamin Papillon

- *Status changed from Feedback to Closed*

Thanks for the feedback, I'm closing the ticket