

Foreman - Bug #24965

Can not start Stopped Openstack Servers

09/18/2018 01:56 PM - Clemens Bergmann

Status:	Closed	
Priority:	Normal	
Assignee:	Stephen Benjamin	
Category:	Compute resources - OpenStack	
Target version:		
Difficulty:		Fixed in Releases: 1.20.0
Triaged:	No	Found in Releases:
Bugzilla link:		Red Hat JIRA:
Pull request:	https://github.com/theforeman/foreman/pull/6085 , https://github.com/theforeman/foreman/pull/6086	

Description

When Clicking the link to start a Server that runs on openstack we get an Error that the policy does not allow this action.

The Reason lies in

https://github.com/theforeman/foreman/blob/develop/app/models/concerns/fog_extensions/openstack/server.rb#L16. If the VM is in mode "SHUTOFF" it can not be started with `resume_server` but must be called with `start_server`.

I suspect that five years ago when this code was written (<https://projects.theforeman.org/issues/2891>). Openstack did not support the SHUTOFF state.

I suggest adding an if option for that state (

<https://github.com/cbergmann/foreman/commit/1e786556dea1a7e6127fd72e529fa374b62b606e>).

The second question is how to implement the stop function. Currently it is implementend with "suspend_server" but I suggest changing this to `stop_server`.

In the Openstack enviroment we use (Open Telekom Cloud) the suspend Function is not allowed. VMs are only allowed to be started and stopped.

The problem is that this change would change the behavior for existing installations. VMs that where suspended before would then be stopped. That might irritate users.

What is your opinion on this?

Kind regards

Clemens

Associated revisions

Revision 39a7d53a - 09/21/2018 12:03 PM - Clemens Bergmann

Fixes #24965 - can't start Openstack Servers

Instead of suspending servers in openstack they should be stopped.

Revision 273d73be - 09/21/2018 12:19 PM - Stephen Benjamin

refs #24965 - add mising 'end' in openstack fog extensions

History

#1 - 09/18/2018 01:56 PM - Clemens Bergmann

- Description updated

#2 - 09/18/2018 01:59 PM - Clemens Bergmann

- Assignee set to Daniel Lobato Garcia

I suggest Daniel looks at this because he implemented the functions in the first place.

Thanks again.

Clemens

#3 - 09/18/2018 06:32 PM - Marek Hulán

- Assignee deleted (*Daniel Lobato Garcia*)

Sorry, it's not how it works :-). Daniel might be busy with other tasks atm. Would you be interesting on working on the patch? We could try to help at our dev irc channel.

#4 - 09/18/2018 09:18 PM - Clemens Bergmann

Hi,

thanks for the reply.

Sorry for the assignment. I just wanted to notify Daniel because I thought he surely had a good reasons to use suspend and tried to ask him about these.

My suggested patch is in the commit found here: <https://github.com/cbergmann/foreman/commit/1e786556dea1a7e6127fd72e529fa374b62b606e>

Do you think this might be a valid change or would the implied change in behavior negatively affect user expectations?

#5 - 09/19/2018 10:38 AM - Marek Hulán

- Category set to *Compute resources - OpenStack*

I'm not openstack domain expert but the patch looks reasonable to me. Would you mind opening a PR with this patch? Hopefully someone with more knowledge would review and test. If you're not sure about the process, please see <https://theforeman.org/contribute.html#SubmitPatches>

#6 - 09/21/2018 11:16 AM - The Foreman Bot

- Status changed from *New* to *Ready For Testing*

- Pull request <https://github.com/theforeman/foreman/pull/6085> added

#7 - 09/21/2018 12:04 PM - Lukas Zapletal

- Fixed in *Releases 1.20.0* added

#8 - 09/21/2018 12:13 PM - The Foreman Bot

- Assignee set to *Stephen Benjamin*

- Pull request <https://github.com/theforeman/foreman/pull/6086> added

#9 - 09/21/2018 01:01 PM - Anonymous

- Status changed from *Ready For Testing* to *Closed*

Applied in changeset [39a7d53a0123e72d47b70d1239f012ed325cc06d](https://github.com/theforeman/foreman/commit/39a7d53a0123e72d47b70d1239f012ed325cc06d).