

## Foreman - Feature #3643

### Support for Opennebula as Computer ressources

11/14/2013 08:53 AM - Patrick Martins

<b>Status:</b>	Closed	<b>Fixed in Releases:</b> <b>Found in Releases:</b> <b>Red Hat JIRA:</b>
<b>Priority:</b>	Normal	
<b>Assignee:</b>		
<b>Category:</b>	Compute resources	
<b>Target version:</b>	1.8.0	
<b>Difficulty:</b>		
<b>Triaged:</b>		
<b>Bugzilla link:</b>		
<b>Pull request:</b>		
<b>Description</b>		
Hi all,		
it would be great to add support for Opennebula to manage as Computer resources.		
Thanks in advance.		
<b>Related issues:</b>		
Related to Foreman - Bug #6670: Update fog to 1.23		
		<b>Closed</b>
		<b>07/17/2014</b>

#### History

##### #1 - 11/14/2013 09:51 AM - Sebastian M

Patrick Martins wrote:

Hi all,

it would be great to add support for Opennebula to manage as Computer resources.

Thanks in advance.

I would appreciate the support of further compute ressources e.g. "OpenNebula".  
We're running OpenNebula and TheForeman and currently there is a lack of supporting ONE within TheForeman.

Best regards,  
Sebastian

##### #2 - 03/21/2014 03:31 PM - Arnold Bechtoldt

Giving +1 on this.

##### #3 - 05/16/2014 01:46 PM - Fritz Enboe

Hi Patrick,

There is a new foreman plugin for opennebula. You can find everything you need (fog and foreman plugin) in the netways github repo (<https://github.com/NETWAYS>). It's brand new, please try it! If there is a lack of documentation or features just write me some lines and i would try to help!

Here is a video about how we use the plugin (<http://youtu.be/Lind0WNaxYI>) and which features work at the moment. There is also a thread on the OpenNebula users mailinglist <http://www.mail-archive.com/users@lists.opennebula.org/msg14859.html>

Kind regards,  
b0e

##### #4 - 07/01/2014 11:29 AM - Patrick Martins

Fritz Enboe wrote:

Hi Patrick,

There is a new foreman plugin for opennebula. You can find everything you need (fog and foreman plugin) in the netways github repo (<https://github.com/NETWAYS>). It's brand new, please try it! If there is a lack of documentation or features just write me some lines and i would try to help!

Here is a video about how we use the plugin (<http://youtu.be/Lind0WNaxYI>) and which features work at the moment. There is also a thread on the OpenNebula users mailinglist <http://www.mail-archive.com/users@lists.opennebula.org/msg14859.html>

Kind regards,  
b0e

Hi b0e,

thank you and the whole team very much for this nice feature. I got started implementing the plugin in our LAB environment. I think the most of the features are working very fine but I'm unable to run the VNC-console from the Foreman Webinterface. Maybe you could give me an clue where is my problem.

The error message I got is:

```
"Failed to set console: undefined method `merge' for "{\"message\":\"Cannot create VNC proxy token\", \"errno\":4369}\":String"
```

Thanks in advance.

Kinde regards,  
Patrick

#### #5 - 07/07/2014 10:54 AM - Fritz Enboe

Hi Patrick,

i'm not sure about the error message, but i'm sure you need a additional patch. Look at the last commit in [1,2]. This isn't yet in the foreman code, and i'm not sure if this breaks vnc for other compute resources....

The tokens should be in foreman/extras/noVNC/sunstone\_vnc\_tokens/. Create the directory if it doesn't exists. And you have to start noVNC websockify.py with the target-config parameter, e.g.

```
/opt/foreman/extras/noVNC/websockify.py --target-config=/opt/foreman/extras/noVNC/sunstone_vnc_tokens 29876
```

Kind regards,  
b0e

[1] [https://github.com/NETWAYS/foreman/tree/feature/1.5-stable-one\\_vnc\\_support](https://github.com/NETWAYS/foreman/tree/feature/1.5-stable-one_vnc_support)

[2] <https://github.com/NETWAYS/foreman/commit/b1251570cac6cf3b385b164d5c433796c1fd5b>

#### #6 - 07/09/2014 02:28 AM - Patrick Martins

Fritz Enboe wrote:

Hi Patrick,

i'm not sure about the error message, but i'm sure you need a additional patch. Look at the last commit in [1,2]. This isn't yet in the foreman code, and i'm not sure if this breaks vnc for other compute resources....

The tokens should be in foreman/extras/noVNC/sunstone\_vnc\_tokens/. Create the directory if it doesn't exists. And you have to start noVNC websockify.py with the target-config parameter, e.g.

```
/opt/foreman/extras/noVNC/websockify.py --target-config=/opt/foreman/extras/noVNC/sunstone_vnc_tokens 29876
```

Kind regards,  
b0e

[1] [https://github.com/NETWAYS/foreman/tree/feature/1.5-stable-one\\_vnc\\_support](https://github.com/NETWAYS/foreman/tree/feature/1.5-stable-one_vnc_support)

[2] <https://github.com/NETWAYS/foreman/commit/b1251570cac6cf3b385b164d5c433796c1fd5b>

Hi b0e,

thanks for your fast response. The first problem I was getting is now fixed, it was just needed to create the directory for saving the tokens. Now I'm having a new problem and I can't find a solution for it. I started the "websockify.py --target-config=" and when I want to connect I get the following error that no token is present.

```
Plain non-SSL (ws://) WebSocket connection
Version hybi-13, base64: 'True'
Token not present
```

In Foreman Webinterface then I got the message "Failed to connect to server".

Do you have any ideas?

Thanks in advance.

Kind regards,  
Patrick

**#7 - 07/17/2014 06:37 PM - Anonymous**

- *Related to Bug #6670: Update fog to 1.23 added*

**#8 - 07/17/2014 06:41 PM - Anonymous**

I would propose to close this bug, when [#6670](#) is closed. Further problems can then be discussed via fog's and foreman-one's issue trackers accordingly.

**#9 - 07/23/2014 05:09 AM - Anonymous**

- *Status changed from New to Closed*

- *Target version set to 1.8.0*

Fog got updated in develop, so this issue can be closed now.