OpenNebula - Feature #3150
Context.sh is not updated when NIC with updated IP is attached

08/13/2014 10:57 AM - Christian Hüning

Status:	Closed		**Start date:**	08/13/2014
Priority:	High		**Due date:**	
Assignee:			**% Done:**	0%
Category:	Context		**Estimated time:**	0.00 hour
Target version:	Release 5.0			
Resolution:	fixed		**Pull request:**	

Description

We detached and re-attached a NIC to a VM and changed the IP for that NIC. Sunstone correctly shows the new IP address, but the one-context contextualization mechnism still tries to configure the old IP address.

Related issues:

Related to Feature # 3147: Change CDROM media	**Pending**	08/11/2014
Related to Request # 3402: Allow to modify NICs in running VMs	**Pending**	12/05/2014
Related to Backlog # 3470: Delete-Recreate fails if context-scripts are changed	**Closed**	12/19/2014

History

#1 - 08/13/2014 11:54 AM - Ruben S. Montero

- Tracker changed from Bug to Backlog

- Category set to Context

Context is not updated after the VM boots, so this is not exactly a bug. You can access (from the VM) to VM information using onegate service. We want to adapt this dynamic configuration to the contextualization process, probably leveraging cloudinit an a gate supported provider.

Moving this to backlog.

#2 - 09/09/2014 11:54 AM - novid Agha Hasani

Ruben S. Montero wrote:

> *Context is not updated after the VM boots, so this is not exactly a bug. You can access (from the VM) to VM information using onegate service. We want to adapt this dynamic configuration to the contextualization process, probably leveraging cloudinit an a gate supported provider.*
>
> *Moving this to backlog.*

there is not any way for generating new context.sh after attach or deattach nic? and then reattach cdrom to vm? you just overwrite to disk1.iso

#3 - 09/29/2014 05:32 PM - Ruben S. Montero

I'm afraid that currently there is no alternative, we are looking into this.

#4 - 09/29/2014 05:33 PM - Ruben S. Montero

- Related to Feature #3147: Change CDROM media added

#5 - 09/29/2014 05:34 PM - Ruben S. Montero

Added change media as a related issue, as this could be address as changing the context cd-rom as suggested. Other alternatives includes the use of one-gate.

#6 - 10/03/2014 10:03 PM - EOLE Team

Ruben S. Montero wrote:

> Added change media as a related issue, as this could be address as changing the context cd-rom as suggested. Other alternatives includes the use of one-gate.

What to do if the CDROM is mounted in the guest?

#7 - 10/07/2014 02:22 PM - Ruben S. Montero

Yes, the other alternative involves one-gate, similar to the EC2 user-data broker... The problem here is basically require VM-to-onegate connectivity either by requiring both to be reachable (i.e. add a public IP to the VM or a virtual router...) or capture the a link local IP in 169.254.0.1/16 and forward it to the onegate server. This however may impose strong network requirements on the hypervisors, and I'm not sure we want to go that way

#8 - 12/05/2014 02:33 PM - Carlos Martín

- Related to Request #3402: Allow to modify NICs in running VMs added

#9 - 03/03/2015 02:20 PM - Ruben S. Montero

- Related to Backlog #3470: Delete-Recreate fails if context-scripts are changed added

#10 - 01/04/2016 01:54 PM - Ruben S. Montero

- Tracker changed from Backlog to Feature
- Status changed from Pending to New
- Target version set to Release 5.0

#11 - 03/22/2016 03:42 PM - Ruben S. Montero

- Status changed from New to Closed
- Resolution set to fixed

This is now implemented in master, a specific reconfigure action is invoked in the drivers and the context regenerated.

#12 - 06/16/2016 02:52 PM - Dominic Luechinger

Is this update only triggered if the NIC informations are updated?
I'm looking for a solution to generate a new context.sh if a 'User Inputs' attribute is changed.

#13 - 06/16/2016 03:42 PM - Ruben S. Montero

Every time the VM is deployed it is updated (i.e. in power-on power-off cycles...)