

Open Infrastructure - Task #7650

Synchronise opennebula VMs with etcd

01/24/2020 11:08 AM - Nico Schottelius

Status:	New	Start date:	01/24/2020
Priority:	Normal	Due date:	
Assignee:	Nico Schottelius	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:			
PM Check date:			
Description			
<ul style="list-style-type: none">etcd prefix: /opennebula *			
What to synchronise			
<ul style="list-style-type: none">/opennebula/vm/<VM id><ul style="list-style-type: none">all information about the VMalso terminated VMs			
Use cases			
I want to be able to			
<ul style="list-style-type: none">Get the current host of the VMGet the VNC port of a VMget the list of all disk images associated with a VMNeed to know who is the owner of a VMWhich VM has the IPv4/IPv6 address xxx?			
Step 1			
<ul style="list-style-type: none">Get the data into etcd			
Step 2			
<ul style="list-style-type: none">Create a script to extract answers to the use cases			

History

#1 - 01/24/2020 11:09 AM - Nico Schottelius

- Description updated

#2 - 01/24/2020 11:11 AM - Nico Schottelius

- Description updated

#3 - 01/24/2020 11:12 AM - Nico Schottelius

- Description updated

#4 - 01/27/2020 01:25 PM - Nico Schottelius

- Assignee changed from Mondri Ravi to Ahmed Bilal

I actually created this ticket some time ago

#5 - 01/28/2020 02:38 PM - Ahmed Bilal

Nico its done. <https://code.ungleich.ch/ungleich-public/ungleich-tools/tree/master/opennebula-vm-etcd>

1. Putting VM info into etcd **put-vm-info-into-etcd.py**
2. VM Queries Example Script **vm-queries.py**

although slow as I discussed in infra channel.

<https://chat.ungleich.ch/ungleich/pl/cy4e5kq48t8ijttqct9fu1s4h> and <https://chat.ungleich.ch/ungleich/pl/cougyydbh7rn58bqyqbqh5yisy>

#6 - 01/31/2020 07:13 PM - Ahmed Bilal

I changed the whole engine, so it is not slow anymore. Previously, I am using pyone library provided by OpenNebula that is in simple words full of bugs. Now, I am directly using XML-RPC client builtin Python to make remote procedural calls to our OpenNebula server to get data or to perform some actions on VM.

#7 - 01/31/2020 07:13 PM - Ahmed Bilal

- Assignee changed from Ahmed Bilal to Nico Schottelius