

Distribution EOLE - Demande #35570

Hâpy 2.9 : service onenodestart en erreur au redémarrage du serveur Hâpy Node

15/09/2023 17:59 - Joël Cuissinat

Statut:	Nouveau	Début:	15/09/2023
Priorité:	Normal	Echéance:	
Assigné à:		% réalisé:	0%
Catégorie:		Temps estimé:	0.00 heure
Version cible:		Temps passé:	0.00 heure
Description			
Cela ne semble pas empêcher les VM hébergées sur le nœud de re-démarrer, elles mettraient trop de temps ?			
Test squash : https://dev-eole.ac-dijon.fr/squash/executions/14706			
<pre>root@hapy-node:~# diagnose *** Test du module hapy-node version 2.9.0 (hapy-node 0000000A) *** Attention, serveur opérationnel mais des services ne sont pas démarrés :</pre>			
<ul style="list-style-type: none">● onenodestart.service loaded			
<pre>root@hapy-node:~# systemctl status onenodestart x onenodestart.service - OpenNebula Node starter Loaded: loaded (/lib/systemd/system/onenodestart.service; enabled; vendor preset: enabled) Active: failed (Result: exit-code) since Fri 2023-09-15 17:52:00 CEST; 1min 58s ago Process: 849 ExecStart=/usr/share/eole/sbin/onevm-all -c \${CREDS} -a resume (code=exited, status=255/EXCEPTION) Main PID: 849 (code=exited, status=255/EXCEPTION) CPU: 1.403s sept. 15 17:50:54 hapy-node onevm-all[849]: /usr/lib/ruby/vendor_ruby/rubygems/specification.rb:16 71: warning: previous definition of DateTimeFormat was here sept. 15 17:50:54 hapy-node onevm-all[849]: /usr/lib/ruby/3.0.0/rubygems/core_ext/kernel_require.r b:12: warning: already initialized constant Kernel::RUBYGEMS_ACTIVATION_MONITOR sept. 15 17:50:54 hapy-node onevm-all[849]: /usr/lib/ruby/vendor_ruby/rubygems/core_ext/kernel_requ ire.rb:12: warning: previous definition of RUBYGEMS_ACTIVATION_MONITOR was here sept. 15 17:50:58 hapy-node onevm-all[849]: Resume 16 - ttylinux-16... scheduled sept. 15 17:50:58 hapy-node onevm-all[849]: Resume 15 - ttylinux-15... scheduled sept. 15 17:52:00 hapy-node onevm-all[849]: Wait 60s for VMs to resume..... FAIL sept. 15 17:52:00 hapy-node systemd[1]: onenodestart.service: Main process exited, code=exited, st atus=255/EXCEPTION sept. 15 17:52:00 hapy-node systemd[1]: onenodestart.service: Failed with result 'exit-code'. sept. 15 17:52:00 hapy-node systemd[1]: Failed to start OpenNebula Node starter. sept. 15 17:52:00 hapy-node systemd[1]: onenodestart.service: Consumed 1.403s CPU time.</pre>			

Historique

#1 - 15/09/2023 18:13 - Joël Cuissinat

Si je redémarre le serveur Hâpy, c'est le service **onenode** qui se met en erreur :

```
root@hapy:~# systemctl status onenode
x onenode.service - OpenNebula Node starter
   Loaded: loaded (/lib/systemd/system/onenode.service; enabled; vendor preset: enabled)
   Active: failed (Result: exit-code) since Fri 2023-09-15 18:10:04 CEST; 1min 49s ago
   Process: 3089 ExecStart=/usr/share/eole/sbin/onevm-all -c ${CREDS} -a resume (code=exited, status=255/EXCE
PTION)
```

```
Main PID: 3089 (code=exited, status=255/EXCEPTION)
CPU: 1.157s
```

```
sept. 15 18:09:01 hapv onevm-all[3089]: /usr/lib/ruby/3.0.0/rubygems/core_ext/kernel_require.rb:12: warning: a
lready initialized constant Kernel::RUBYGEMS_ACTIVATION_MONITOR
sept. 15 18:09:01 hapv onevm-all[3089]: /usr/lib/ruby/vendor_ruby/rubygems/core_ext/kernel_require.rb:12: warn
ing: previous definition of RUBYGEMS_ACTIVATION_MONITOR was here
sept. 15 18:09:02 hapv onevm-all[3089]: Resume 14 - ttylinux-14... scheduled
sept. 15 18:09:02 hapv onevm-all[3089]: Resume 4 - Eolebase FI 2.8.1-4... scheduled
sept. 15 18:09:02 hapv onevm-all[3089]: Resume 3 - install-eole-2.9.0-amd64-3... scheduled
sept. 15 18:10:04 hapv onevm-all[3089]: Wait 60s for VMs to resume.....
..... FAIL
sept. 15 18:10:04 hapv systemd[1]: onenode.service: Main process exited, code=exited, status=255/EXCEPTION
sept. 15 18:10:04 hapv systemd[1]: onenode.service: Failed with result 'exit-code'.
sept. 15 18:10:04 hapv systemd[1]: Failed to start OpenNebula Node starter.
sept. 15 18:10:04 hapv systemd[1]: onenode.service: Consumed 1.157s CPU time.
```

#2 - 18/09/2023 09:28 - Daniel Dehennin

En démarrant un aca.hapy-2.9.0-instance-Aveclmport, j'ai ça dans les logs `/var/log/one/0.log`:

```
Thu Aug 31 22:04:21 2023 [Z0][VM][I]: New LCM state is SAVE_SUSPEND
Thu Aug 31 22:04:22 2023 [Z0][VMM][E]: save: Command "virsh --connect qemu+tcp://localhost/system save 77e31ad
3-0226-40f4-83b9-06cf4d0e1217 /var/lib/one//datastores/100/0/checkpoint" failed: error: failed to connect to t
he hypervisor error: End of file while reading data: Input/output error Could not save 77e31ad3-0226-40f4-83b9
-06cf4d0e1217 to /var/lib/one//datastores/100/0/checkpoint
Thu Aug 31 22:04:22 2023 [Z0][VMM][I]: ExitCode: 0
Thu Aug 31 22:04:22 2023 [Z0][VMM][I]: Successfully execute virtualization driver operation: save.
```

```
[...]
Mon Sep 18 09:17:07 2023 [Z0][VMM][D]: Message received: RESTORE FAILURE 0 ERROR: restore: Command "set -e -o
pipefail # extract the xml from the checkpoint virsh --connect qemu+tcp://localhost/system save-image-dumpxm
l /var/lib/one//datastores/100/0/checkpoint > /var/lib/one//datastores/100/0/checkpoint.xml # Eeplace all occ
urrences of the DS_LOCATION/<DS_ID>/<VM_ID> with the specific # DS_ID where the checkpoint is placed. This is
done in case there was a # system DS migration sed -i "s%/var/lib/one//datastores/[0-9]\+/0%/var/lib/one//da
tastores/100/0/%g" /var/lib/one//datastores/100/0/checkpoint.xml sed -i "s%/var/lib/one/datastores/[0-9]\+/0%/
/var/lib/one//datastores/100/0/%g" /var/lib/one//datastores/100/0/checkpoint.xml" failed: error: operation fai
led: failed to read qemu header Could not recalculate paths in /var/lib/one//datastores/100/0/checkpoint.xml E
xitCode: 1
```

Il semble que la fonctionnalité suspend/resume ait un soucis.

#3 - 18/09/2023 10:35 - Daniel Dehennin

Il faudrait vérifier si la fonctionnalité **SUSPEND** fonctionne avec une méthode de transfert **SHARED** d'un datastore de type **FS**, peut-être n'est-ce disponible que pour la méthode de transfert **QCOW2**, je ne sais plus...