Hi,

I've just upgraded from 3.8.1 to 3.8.3 and I use Xen 4.1 hypervisors. I've developed IBM v7000 SAN datastore drivers for opennebula and I'm now polishing final details. I'm facing a big problem with non-persistent images and I'm pretty sure it was working in 3.8.1.

When I shutdown a VM with opennebula, I see only tm/shared/delete.sh script is called for system DS. My tm/v7000/delete.sh script for storage DS is ignored. As a consequence, non-persistent iscsi volumes are not unmapped and snapshots are not removed from san.

But if I shutdown from inside the VM, then delete the VM in "unknown" state in opennebula, my tm/v7000/delete.sh script is ran just before tm/shared/delete.sh for system DS and everything is fine. Do you have any idea about what is going wrong ?

Cheers,

Laurent

Associated revisions
Revision ef171ebe - 01/29/2013 09:32 PM - Ruben S. Montero

bug #1740: Use always the Image datastore for DELETE

Revision ddca48fd - 01/31/2013 04:02 PM - Ruben S. Montero

bug #1740: Use always the Image datastore for DELETE
(cherry picked from commit ef171ebea8c8f8516181f5c44c37b319fdba8ac8b)

History
#1 - 01/29/2013 05:35 PM - Laurent Grawet

Please, replace "delete.sh" by "delete" in previous message.

#2 - 01/29/2013 09:19 PM - Ruben S. Montero
- Status changed from New to Assigned
- Assignee set to Ruben S. Montero
- Target version set to Release 4.0
Hi Laurent,

It seems that this may be a bug. The epilog scripts are different when you are shutting down the VM, and when you are deleting it. In the first case, persistent disks are move back (MVDS operation) to the datastore, the other disks are removed (DELETE operation). However, when you are deleting the VMs all the disks are deleted.

From the code, DELETE from shutdown use the system datastore scripts, while the DELETE from delete use the image datastore scripts. This is exactly the behavior described in the issue.

I agree that DELETE for persistent and non-persistent images should use the image datastore drivers. Volatile disks, must use the system datastore ones, as volatile images are created in the System DS.

THANKS FOR THE FEEDBACK!

#3 - 01/31/2013 12:44 PM - Laurent Grawet

Hi Ruben,

I've tested the patch this morning and everything looks fine on my side.

Thanks a lot,

Laurent

#4 - 01/31/2013 04:03 PM - Ruben S. Montero

OK, closing this one then. Fix available in master and one-3.8 branch.

BTW, let us know if you want to contribute the drivers to the ecosystem...

Ruben

#5 - 01/31/2013 04:04 PM - Ruben S. Montero

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