

Foreman - Bug #8535

Libvirt over SSH instability

11/28/2014 08:52 AM - Andy Taylor

Status: New	
Priority: Low	
Assignee:	
Category: Compute resources - libvirt	
Target version:	
Difficulty:	Fixed in Releases:
Triaged:	Found in Releases: 1.6.1
Bugzilla link:	Red Hat JIRA:
Pull request:	
Description	
Hi,	
I've recently set up a Libvirt compute instance using qemu+ssh. This seemed to work fine for the most part but I'm now running into frequent issues like the following:	
<ul style="list-style-type: none">• VM power state on the host view page hangs on 'Loading power state...'• Virtual Machine tab on the New Host page displays an error when the compute resource is selected• Deleting a libvirt host leads to the host being deleted out of Foreman, but the VM itself isn't deleted	
This is an intermittent issue, and the only way I've found of mitigating it at the moment is to either restart Foreman or kill any open SSH connections to the libvirt host.	

History

#1 - 02/12/2015 07:12 AM - Andy Taylor

A quick update on this - after further investigation I found that the connection tracking feature of our office firewall was closing the SSH connections after 30 minutes of inactivity. I've switched our libvirt setup over to qemu+tls instead of qemu+ssh to get around this.

So this doesn't look to be a bug, but I wouldn't be surprised if other users ran into similar issues. Perhaps the SSH connection should be closed after a configurable time limit? Or perhaps just disconnect after commands have been executed and start new SSH connections for each command?

#2 - 02/12/2015 08:13 AM - Lukas Zapletal

Can't you just configure your ssh client in /usr/share/foreman-proxy/.ssh/config to ping every 10 seconds? I believe there is a feature for that in OpenSSH...

#3 - 02/12/2015 09:24 AM - Andy Taylor

Good point - I've had a look at the OpenSSH documentation and I think this is the setting you are referring to:

ServerAliveInterval

So that would probably sort the issue. I'm still not a big fan of the side effects of the SSH connection getting killed though (Foreman reporting a VM had been deleted when in fact it hadn't deleted it in libvirt).

#4 - 02/13/2015 05:23 AM - Lukas Zapletal

- Priority changed from Normal to Low

I understand, but since libvirt is mainly used for non-production setups and unless you intend to fix this for us, I am guessing this ticket will take some time to resolve. ;-)

At least the workaround is simple.

#5 - 02/13/2015 05:24 AM - Dominic Cleal

Lukas Zapletal wrote:

I understand, but since libvirt is mainly used for non-production setups

It's our second most popular CR, so I think it's widely used in production :-)