

OpenNebula - Feature #4716

Add timeouts for driver actions

08/17/2016 08:57 AM - Ruben S. Montero

Status:	Closed	Start date:	08/17/2016
Priority:	Normal	Due date:	
Assignee:	Javi Fontan	% Done:	0%
Category:	Drivers - VM	Estimated time:	0.00 hour
Target version:	Release 5.2	Pull request:	
Resolution:	fixed		
Description			
<p>When a driver action hangs it keeps the associated thread used for the given host. This may stall all the actions for that host. This issue is to add a configurable timeout (per driver) for the execution of driver actions. Note that some of this actions already includes a timeout, this is to add support for it at a more abstract layer.</p>			
Related issues:			
Related to Feature # 4707: double-check and retry ec2 api methods and responses		Closed	08/12/2016

Associated revisions

Revision f40e263e - 09/06/2016 02:32 PM - Javi Fontan

feature #4716: add timeout to CommandManager

Add timeout parameter to Local and RemoteCommand. It also spawns new processes in a new process group. This makes easier to kill all children when timeout happens.

This change makes it incompatible with ruby < 1.9.2.

Revision db0179f5 - 09/06/2016 02:35 PM - Javi Fontan

feature #4716: added timeout to SshStreamCommand

kill method duplicated as it is not a GenericCommand. It should be moved elsewhere.

Revision 6dc1c772 - 09/07/2016 12:27 PM - Javi Fontan

feature #4716: add timeout to SshStream#wait_for_command

Revision a0b87e91 - 09/07/2016 12:28 PM - Javi Fontan

feature #4716: pass timeout in OpenNebulaDriver

Revision 24b3b9d6 - 09/07/2016 12:30 PM - Javi Fontan

feature #4716: add --timeout parameter to drivers

Revision 954ac536 - 09/08/2016 04:18 PM - Javi Fontan

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Revision af0e87d3 - 09/08/2016 04:18 PM - Javi Fontan

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Revision 199d02bb - 09/08/2016 04:18 PM - Javi Fontan

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Revision 581269b0 - 09/08/2016 04:18 PM - Javi Fontan

feature #4716: pass timeout in OpenNebulaDriver

Revision 7006a984 - 09/08/2016 04:19 PM - Javi Fontan

feature #4716: add --timeout parameter to drivers

Revision 5dcdd2af - 09/09/2016 03:03 PM - Javi Fontan

f #4716: add timeout parameter info to one.conf

Revision 6cb9635b - 09/12/2016 09:55 AM - Javi Fontan

f #4716: add timeout to SshStreamCommand#run

Revision d033bce5 - 09/12/2016 04:24 PM - Javi Fontan

F #4716: pass timeout to wait function in SshStream

Revision ab9b2e8e - 09/13/2016 03:07 PM - Jaime Melis

F #4716: Cast the timeout to integer

Revision 4c2c698e - 09/13/2016 03:07 PM - Jaime Melis

F #4716: Fix bug in stderr handling (GenericCommand)

Revision 12fb7b5f - 09/13/2016 03:07 PM - Jaime Melis

F #4716: Tune default EC2 driver configuration

- Kill driver actions after 10 mins
- VMM driver can run in parallel

History

#1 - 08/22/2016 09:20 AM - Ruben S. Montero

- Assignee changed from Jaime Melis to Javi Fontan

#2 - 09/13/2016 03:46 PM - Jaime Melis

- Related to Feature #4707: double-check and retry ec2 api methods and responses added

#3 - 09/14/2016 09:38 AM - Javi Fontan

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