

OpenNebula - Feature #1639

VM Disaster Recovery without resubmit of harddisk images

11/07/2012 10:49 AM - Carlos Martín

Status: Closed	Start date: 11/07/2012
Priority: High	Due date:
Assignee:	% Done: 0%
Category: Core & System	Estimated time: 0.00 hour
Target version: Release 4.10	Pull request:
Resolution: fixed	
Description	
Requested in the users mailing list :	
<p>Hi,</p> <p>I am currently using OpenNebula with multiple Hosts and the VM Images Stored in an shared NFS System. So every Host sees all Images.</p> <p>I got now the Problem that I want to provide a fault tolerant system with mostly no loss of data on crash.</p> <p>Let's have the situation that one of my Host crashes... OpenNebula now tells me that the Host is down but still assumes that the VM are running.</p> <p>What I now want to do is to restart the VM which was running on the crashed Host with the same already deployed hard disk images on a different Host still working host to get the system with the existing data back running (something like an offline migration but with one host down).</p> <p>Till now I was not able to find a way to do that in OpenNebula.</p> <p>Is there already a way and I didn't find it or is that planed as a future feature?</p> <p>regards</p> <p>Stefan</p>	
Related issues:	
Related to Backlog # 1618: Provide a recommended HA setup for OpenNebula	Closed 10/29/2012
Related to Feature # 2944: Allow to boot from unknown state on a different ho...	Closed 05/26/2014

Associated revisions

Revision 116990be - 08/24/2014 10:06 AM - Carlos Martín

Feature #1639: Allow a VM to be migrated from the unknown state

(cherry picked from commit 9ace10e010e74f61b139c96d60b5482cb68cae1e)

(cherry picked from commit 78ea7034a3280a3411efdc64b00dccc357cdc3e)

Revision f0cff9d1 - 08/24/2014 10:07 AM - Carlos Martín

Feature #1639: fault tolerance hook rescheds VMs from unknown

(cherry picked from commit c5f0bc26366e93f528060b825ac4b8507cf6aef3)

(cherry picked from commit 674bacc122f61ea392e7420a83a0c2770630be16)

Revision a445d02a - 08/24/2014 10:07 AM - Carlos Martín

Feature #1639: Change fault tolerance default options

(cherry picked from commit 908ef5f499a674019772b4a6fee17ef0c507e896)

(cherry picked from commit 03af607c7ded4abe9c51ffd07a285aab753e9bdb)

Revision 17cf5167 - 08/24/2014 10:07 AM - Ruben S. Montero

feature #1639: UNKNOWN VMs migrate to BOOT state. Live migrations only for RUNNING VMs

(cherry picked from commit c794a0f62f47dcb1da4639e7a47757ffc426d5c4)

Revision 82b4aaed - 08/24/2014 10:21 AM - Ruben S. Montero

feature #1639: Typo

Revision 027a4ef8 - 08/24/2014 10:21 AM - Ruben S. Montero

feature #1639: The scheduler now rescheds VMs in unknown

Revision 236a2f13 - 08/24/2014 11:34 AM - Ruben S. Montero

feature #1639: Fix compilation issues

Revision ad96a9cd - 08/24/2014 09:52 PM - Carlos Martín

Feature #1639: Allow a VM to be migrated from the unknown state

(cherry picked from commit 9ace10e010e74f61b139c96d60b5482cb68cae1e)

(cherry picked from commit 78ea7034a3280a3411efdc64b00dccc357cdc3e)

(cherry picked from commit 116990be2493ac74a99c86d2be2ae62cbc8bd5b7)

Revision 4c04b950 - 08/24/2014 09:52 PM - Carlos Martín

Feature #1639: fault tolerance hook rescheds VMs from unknown

(cherry picked from commit c5f0bc26366e93f528060b825ac4b8507cf6aef3)

(cherry picked from commit 674bacc122f61ea392e7420a83a0c2770630be16)

(cherry picked from commit f0cff9d151f41d57490ca8768f35f3b62e862b93)

Revision 38ecb2c9 - 08/24/2014 09:52 PM - Carlos Martín

Feature #1639: Change fault tolerance default options

(cherry picked from commit 908ef5f499a674019772b4a6fee17ef0c507e896)

(cherry picked from commit 03af607c7ded4abe9c51ffd07a285aab753e9bdb)

(cherry picked from commit a445d02a5086bcf9f775dc99cd3f4ec90f395051)

Revision 5fe1b8f6 - 08/24/2014 09:52 PM - Ruben S. Montero

feature #1639: UNKNOWN VMs migrate to BOOT state. Live migrations only for RUNNING VMs

(cherry picked from commit c794a0f62f47dcb1da4639e7a47757ffc426d5c4)

(cherry picked from commit 17cf5167d41f1cd7bbb3ed6f2bddb0e13585f938)

Revision 1ed5638c - 08/24/2014 09:52 PM - Ruben S. Montero

feature #1639: Typo

(cherry picked from commit 82b4aaed559b544120600268f633a76829c0de1b)

Revision 8a4aa6dc - 08/24/2014 09:52 PM - Ruben S. Montero

feature #1639: The scheduler now rescheds VMs in unknown

(cherry picked from commit 027a4ef89c7bd271db490b4a2d3f50d6c208e1b8)

Revision 65fa38c3 - 08/24/2014 09:52 PM - Ruben S. Montero

feature #1639: Fix compilation issues

(cherry picked from commit 236a2f1355ca83bb0e8bf84a938b8be1093efc2f)

Revision e9308b75 - 10/10/2014 08:26 AM - Carlos Martín

Feature #1639: Allow a VM to be migrated from the unknown state

(cherry picked from commit 9ace10e010e74f61b139c96d60b5482cb68cae1e)

(cherry picked from commit 78ea7034a3280a3411efdc64b00dccc357cdc3e)

Revision d874c9f9 - 10/10/2014 08:26 AM - Carlos Martín

Feature #1639: fault tolerance hook rescheds VMs from unknown

(cherry picked from commit c5f0bc26366e93f528060b825ac4b8507cf6aef3)

(cherry picked from commit 674bacc122f61ea392e7420a83a0c2770630be16)

Revision 4e5d8b4a - 10/10/2014 08:26 AM - Carlos Martín

Feature #1639: Change fault tolerance default options

(cherry picked from commit 908ef5f499a674019772b4a6fee17ef0c507e896)

(cherry picked from commit 03af607c7ded4abe9c51ffd07a285aab753e9bdb)

Revision d96b440d - 10/10/2014 08:26 AM - Ruben S. Montero

feature #1639: UNKNOWN VMs migrate to BOOT state. Live migrations only for RUNNING VMs

(cherry picked from commit c794a0f62f47dcb1da4639e7a47757ffc426d5c4)

Revision 4b27c66d - 10/10/2014 08:26 AM - Ruben S. Montero

feature #1639: Typo

Revision ac7af19b - 10/10/2014 08:26 AM - Ruben S. Montero

feature #1639: The scheduler now rescheds VMs in unknown

Revision a40cf9fe - 10/10/2014 08:26 AM - Ruben S. Montero

feature #1639: Fix compilation issues

History

#1 - 05/13/2013 08:59 PM - Ruben S. Montero

- *Tracker changed from Feature to Request*

#2 - 05/13/2013 08:59 PM - Ruben S. Montero

- *Tracker changed from Request to Backlog*

#3 - 05/13/2013 09:24 PM - Ruben S. Montero

- *Status changed from New to Pending*

#4 - 05/13/2013 09:30 PM - Ruben S. Montero

- *Priority changed from Normal to High*

#5 - 08/24/2014 10:33 PM - Ruben S. Montero

- *Related to Feature #2944: Allow to boot from unknown state on a different host (shared store) added*

#6 - 08/24/2014 10:35 PM - Ruben S. Montero

- *Tracker changed from Backlog to Feature*

- *Status changed from Pending to Closed*

- *Target version set to 67*

- *Resolution set to fixed*

#7 - 10/02/2014 10:41 AM - Ruben S. Montero

- *Target version changed from 67 to Release 4.10*

#8 - 11/05/2014 07:53 PM - Arnold Bechtoldt

+11111111