Foreman - Bug #13091

rbovirt times out when listing VMs in RHEV compute resource

01/08/2016 11:18 AM - Bryan Kearney

Status: Closed Priority: Normal

Assignee: Tomer Brisker

Category: Compute resources - oVirt

Target version: 1.12.0

Difficulty: Fixed in Releases: Found in Releases:

Bugzilla link: 1294676

Pull request: https://github.com/theforeman/foreman/p

ull/3310

Description

Cloned from https://bugzilla.redhat.com/show_bug.cgi?id=1294676

Description of problem:

Timeout when trying to list the VMs in a RHEV compute resource.

Version-Release number of selected component (if applicable): ruby193-rubygem-rbovirt-0.0.29-1.el7sat

How reproducible:

Always

Steps to Reproduce:

- 1. Add a RHEV compute resource with a large number of VMs
- 2. Try to view the list of VMs in the RHEV compute resource $% \left(1\right) =\left(1\right) \left(1\right)$

3.

Actual results:

- Web ui displays "There was an error listing VMs: Request Timeout".
- /var/log/foreman/production.log shows the request is timing out after 60 seconds:

Red Hat JIRA:

2015-12-29 09:29:00 [D] # => 200 OK | application/xml 379 bytes

2015-12-29 09:30:01 [W] Error has occurred while listing VMs on RHEV-DC (RHEV): Request Timeout

Expected results:

The VMs are listed.

Additional info:

rbovirt seems to be inheriting the default timeout from Net::HTTP.

In file /usr/share/ruby/net/http.rb:

```
# Creates a new Net::HTTP object for the specified server address,
# without opening the TCP connection or initializing the HTTP session.
```

def initialize(address, port = nil)

645 @read_timeout = 60

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Associated revisions

Revision fbd765f1 - 03/18/2016 05:25 AM - Tomer Brisker

Fixes #13091 - Paginate VMs for supporting compute resources

Loading all VMs for the compute resource view can be a very heavy task, which leads to timeouts when attempting to load all VMs for a compute resource that has many hundreds or thousands of VMs. This patch allows us to take advantage of datatable's ability to dynamically load data from the server so we only load 10 VMs at a time. Currently this is only supported for oVirt (dependant on https://github.com/abenari/rbovirt/pull/102 being merged into rbovirt) but can easily be extended for other providers as well.

Revision 66ca29bb - 03/18/2016 06:45 AM - Dominic Cleal

refs #13091 - require rbovirt 0.0.36+

History

#1 - 01/11/2016 03:02 AM - Dominic Cleal

- Subject changed from rbovirt: sat6 times out when listing VMs in RHEV compute resource to rbovirt times out when listing VMs in RHEV compute resource
- Category changed from Compute resources to Compute resources oVirt
- Priority changed from High to Normal

#2 - 03/08/2016 08:10 AM - Ohad Levy

rhev by default does not paginate, it is possible to force pagination by using the max attribute, see https://access.redhat.com/documentation/en-US/Red Hat Enterprise Virtualization/3.4/html/Technical Guide/Maximum Results Parameter.html

however, in order to use it with datatables, we would need to support passing pagination information via the compute resource vms controller, and respond with json instead.

#3 - 03/13/2016 07:31 AM - The Foreman Bot

- Status changed from New to Ready For Testing
- Assignee set to Tomer Brisker
- Pull request https://github.com/theforeman/foreman/pull/3310 added

#4 - 03/18/2016 06:02 AM - Anonymous

- Status changed from Ready For Testing to Closed
- % Done changed from 0 to 100

Applied in changeset fbd765f1a9430e51b64006b88c0773da0419c4d6.

#5 - 03/18/2016 06:44 AM - Dominic Cleal

- translation missing: en.field_release set to 136

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