Description
When listing virtual machines under a compute_resource on VMware vSphere a folder hash is built of all folders under the
datacenter, but the datacenter’s vmFolder is skipped in the PropertyFilterSpec.
This causes VMs which have the vmFolder as their parent to throw an undefined method ‘[]’ for nil:NilClass error when they try to
access ‘folder_inventory[vm[‘parent’]._ref][‘path’].

Traceback:
2018-03-06T11:11:34 fd0ae69d [app] [W] Error has occurred while listing VMs on dev-vc65 (VMware) | NoMethodError: undefined
method ‘[]’ for nil:NilClass  | /home/agrare/src/foreman/app/services/fog_extensions/vsphere/mini_servers.rb:61:in
‘lookup_parent_folders’ | /home/agrare/src/foreman/app/services/fog_extensions/vsphere/mini_servers.rb:62:in
‘lookup_parent_folders’ | /home/agrare/src/foreman/app/services/fog_extensions/vsphere/mini_servers.rb:56:in ’block in
set_folder_paths’ | /home/agrare/src/foreman/app/services/fog_extensions/vsphere/mini_servers.rb:55:in ’each’ |
/home/agrare/src/foreman/app/services/fog_extensions/vsphere/mini_servers.rb:55:in ”set_folder_paths’ |
/home/agrare/src/foreman/app/services/fog_extensions/vsphere/mini_servers.rb:50:in ”generate_folder_inventory’ |
/home/agrare/src/foreman/app/services/fog_extensions/vsphere/mini_servers.rb:21:in ”all”

Related issues:
Related to Foreman - Feature #22258: VMWare: Speed up VM listing

Associated revisions
Revision 68e96c10 - 03/13/2018 01:14 PM - Adam Grare
Fixes #22798 - VMware: Fix exception listing VMs
If a VM is in the root of the datacenter its parent is the vmFolder.
This folder was being skipped by the PropertyFilterSpec causing an
undefined method error ‘[]’ for nil:NilClass when accessing the
vm[‘parent’] key.

History
#1 - 03/06/2018 04:31 PM - The Foreman Bot
- Status changed from New to Ready For Testing
- Pull request https://github.com/theforeman/foreman/pull/5297 added

#2 - 03/11/2018 12:00 PM - Ohad Levy
- Category set to Compute resources - VMware

#3 - 03/13/2018 01:15 PM - Ohad Levy
- Legacy Backlogs Release (now unused) set to 330
#4 - 03/13/2018 01:16 PM - Ohad Levy
- Related to Feature #22258: VMWare: Speed up VM listing added

#5 - 03/14/2018 06:37 AM - Adam Grare
- % Done changed from 0 to 100
- Status changed from Ready For Testing to Closed

Applied in changeset 68e96c10b596d67106a3ed49535231019d8507b4.