**Foreman - Bug #25849**

VMware compute resource cannot find VM folders when datacenters are themselves nested in folders

01/14/2019 01:07 PM - J. A.

<table>
<thead>
<tr>
<th>Status:</th>
<th>Resolved</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td>Chris Roberts</td>
</tr>
<tr>
<td>Category:</td>
<td>Compute resources - VMware</td>
</tr>
<tr>
<td>Target version:</td>
<td>1.23.0</td>
</tr>
<tr>
<td>Difficulty:</td>
<td>easy</td>
</tr>
<tr>
<td>Triaged:</td>
<td>Yes</td>
</tr>
<tr>
<td>Bugzilla link:</td>
<td>1717248</td>
</tr>
<tr>
<td>Pull request:</td>
<td><a href="https://github.com/fog/fog-vsphere/pull/2">https://github.com/fog/fog-vsphere/pull/2</a></td>
</tr>
<tr>
<td>Fixed in Releases:</td>
<td>1.23.0</td>
</tr>
<tr>
<td>Found in Releases:</td>
<td>1.22.0</td>
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**Description**

Using Foreman 1.20.1 and vCenter 6.7.

Our vCenter has folders at the top level, and the datacenter objects are in those folders.

We are successfully adding our vCenter as a compute resource in Foreman, however, when creating a new host - as well as when configuring compute profiles - the "Folder" drop-down box in the "Virtual Machine" tab is empty (and contains the text "No matches found"), despite there being folders in vCenter. If we move the datacenter objects out of the folders, directly under the top vCenter object, Foreman lists all the folders correctly.

This prevents creating hosts: when submitting the new host for provisioning with "No matches found" in the folder drop-down box, Foreman passes a nil folder path where fog-vsphere expects a string, causing a NoMethodError for String#sub.

I'm not sure whether this used to work or not. Folder listing has worked before for this Foreman-vCenter combination. However, we recently upgraded from Foreman 1.16 to 1.20 (through the intermediates), and vCenter 6.5 to 6.7, but it's unclear whether we actually had datacenters nested in folders prior to the upgrades.

Putting datacenters in folders is apparently a VMware recommendation when setting up vCenter. Maybe it has something to do with more flexible management of permissions?

**History**

#1 - 01/16/2019 12:20 PM - Tomer Brisker
- Category set to Compute resources - VMware

#2 - 03/20/2019 10:32 AM - A Ops
First of all, thanks for a great product!

We have exactly the same issue, any fix on its way?

#3 - 05/08/2019 03:41 AM - Chun-Liang Lin
We have the same problem in Foreman 1.18.3 and vCenter 6.7.

#4 - 06/06/2019 09:49 PM - Martin Reemala
Hi

We had the same issue but with different version.
It works fine with 1.20.2 with ESX 6.5 but when we update to 1.21 it doesn't work.
#5 - 06/10/2019 03:26 PM - Ondřej Ezr
- Bugzilla link set to 1717248

#6 - 07/17/2019 01:34 PM - Chris Roberts
- Pull request https://github.com/fog/fog-vsphere/pull/214 added

Fixed in https://github.com/fog/fog-vsphere/pull/214

#7 - 07/17/2019 01:35 PM - Chris Roberts
- Triaged changed from No to Yes
- Difficulty set to easy
- Target version set to 1.23.0
- Assignee set to Chris Roberts
- Status changed from New to Resolved
- Found in Releases 1.22.0 added
- Found in Releases deleted (1.20.1)
- Fixed in Releases 1.23.0 added