

OpenNebula - Bug #4982

Sunstone - Update template in master branch adds a ghost DISK section which prevents vCenter template to be instantiated.

01/13/2017 09:43 PM - Miguel Ángel Álvarez Cabrerizo

| | | | |
|---------------------------|-------------|------------------------|------------|
| Status: | Closed | Start date: | 01/13/2017 |
| Priority: | Normal | Due date: | |
| Assignee: | | % Done: | 0% |
| Category: | Sunstone | Estimated time: | 0.00 hour |
| Target version: | Release 5.4 | Pull request: | |
| Resolution: | fixed | | |
| Affected Versions: | Development | | |

Description

Using master branch.

A vCenter template is imported from vSphere using Sunstone's Import wizard. This is the template as shown in OpenNebula:

```
CONTEXT = [  
  NETWORK = "YES",  
  SSH_PUBLIC_KEY = "ssh-rsa  
AAAAB3NzaC1yc2EAAAADAQABAAQACyzMmVf/YfKES66nksbbpDYbTHqrXhOwl/pxV4sAASn3uYqfeMHWpHkTt56VS0LKPg9xhZs  
LKPg9xhZsAYJ92YOipTSV92K5DZpnPOV774rlxT6RAQ+c/ehC8jeZnnz2qwWmPZRrSgYEHWRVwepZHu0jKLHxdztRXwYpzy6crKc9UyW  
6crKc9UyWYEF25nFHpChLZvm28m/Y1fuNM7PIFzmRuDS7fuhJyudsglXpRi+AmTzIKXTZLn/PAM90bO6Sv3PTPIeMkK9FGkDkumcQ1Vq  
kumcQ1VqBgyHuyZ+dezB7itAdEh7/tbXI98qeFTajCJD9R1XIMfAzWT189p+ZUX/2ww3I5asUQNYpt8H3jch+dw1  
mcabrerizo@auriga" ]  
CPU = "1"  
DESCRIPTION = "vCenter Template imported by OpenNebula from Cluster devel"  
GRAPHICS = [  
  LISTEN = "0.0.0.0",  
  TYPE = "VNC" ]  
HYPERVISOR = "vcenter"  
KEEP_DISKS_ON_DONE = "NO"  
LOGO = "images/logos/linux.png"  
MEMORY = "256"  
PUBLIC_CLOUD = [  
  TYPE = "vcenter",  
  VM_TEMPLATE = "42151ddd-5a5b-4e99-f5b1-95dcec8b5391" ]  
SCHED_REQUIREMENTS = "NAME=\"devel\""  
VCENTER_DATASTORE = "nfs"  
VCPU = "1"
```

In this template, no DISK section is found, which is absolutely fine for vcenter.

Using Sunstone I click on the Update button so I can edit the template e.g adding a SSH key under the Context tab. After the update, a DISK section is added with a SIZE element having a NaN number.

```
CONTEXT = [  
  NETWORK = "YES",  
  SSH_PUBLIC_KEY = "ssh-rsa  
AAAAB3NzaC1yc2EAAAFAQABAAABAQCizMmVf/YfKES66nksbbpDYbTHqrXhOwl/pxV4sAASn3uYqfeMHWpHkTt56VS0LKPg9xhZsA  
KPG9xhZsAYJ92YOipTSV92K5DZpnPOV774rlxT6RAQ+c/ehC8jeZnnz2qwWmPZRrDgYEHWRVwepZHu0jLHxdztRXwYpzy6crKc9UyWY
```

```
rKc9UyWYEF25nFHpChLZvm28m/Y1fuNM7PIFzmRuDS7fuhJyudsglXpRi+AmTzIKXTZLn/PAM90bO6Sv3PTPleMkK9FGkDkumcQ1VqB  
mcQ1VqBgyHuyZ+dezB7itAdEh7/tbXI98qeFTajCJD9R1XIMfAzWT189p+ZUX/2wv3I5asUQNYpt8H3ljcH+dw1  
mcabrerizo@auriga" ]  
CPU = "1"  
DESCRIPTION = "vCenter Template imported by OpenNebula from Cluster devel"  
DISK = [  
  SIZE = "NaN" ]  
DISK_COST = ""  
GRAPHICS = [  
  LISTEN = "0.0.0.0",  
  TYPE = "VNC" ]  
HYPERVISOR = "vcenter"  
KEEP_DISKS_ON_DONE = "NO"  
MEMORY = "256"  
MEMORY_UNIT_COST = "MB"  
PUBLIC_CLOUD = [  
  TYPE = "vcenter",  
  VM_TEMPLATE = "42151ddd-5a5b-4e99-f5b1-95dcec8b5391" ]  
SCHED_REQUIREMENTS = "NAME=\"devel\""  
VCENTER_DATASTORE = "nfs"  
VCPU = "1"
```

This ghost disk prevents the vcenter based template to be instantiated:

Sunstone complains: [TemplateInstantiate] Error allocating a new virtual machine template. DISK 0: Unknown disk type

Internal Server Error: "POST /vmtemplate/0/action HTTP/1.1" 500

The XML section:

```
<DISK>  
  <SIZE><![CDATA[NaN]]></SIZE>  
</DISK>  
<DISK_COST><![CDATA[]]></DISK_COST>
```

This behavior does not affect OpenNebula 5.2.1, no DISK is created once you update the template.

History

#1 - 03/28/2017 10:44 AM - OpenNebula Systems Support Team

- Status changed from New to Closed

- Resolution set to fixed