

OpenNebula - Feature #2952

Multiple boot devices

05/27/2014 03:05 PM - EOLE Team

Status:	Closed	Start date:	05/27/2014
Priority:	High	Due date:	
Assignee:	Carlos Martín	% Done:	0%
Category:	Sunstone	Estimated time:	0.00 hour
Target version:	Release 4.8	Pull request:	
Resolution:	fixed		

Description

Hello,

Using ONE 4.6.1 with the following template:

TEMPLATE 3 INFORMATION

```
ID      : 3
NAME    : Install ISO EOLE 2.4.0 (amd64)
USER    : oneadmin
GROUP   : oneadmin
REGISTER TIME : 05/27 11:20:57
```

PERMISSIONS

```
OWNER   : um-
GROUP   : ---
OTHER   : ---
```

TEMPLATE CONTENTS

```
CONTEXT=[
  NETWORK="YES",
  SSH_PUBLIC_KEY="$USER[SSH_PUBLIC_KEY]" ]
CPU="1"
DISK=[
  IMAGE="IMG-20G",
  IMAGE_UNAME="oneadmin" ]
DISK=[
  IMAGE="ISO-eole-2.4.0",
  IMAGE_UNAME="oneadmin",
  TARGET="hda" ]
GRAPHICS=[
  KEYMAP="fr",
  LISTEN="0.0.0.0",
  TYPE="VNC" ]
INPUT=[
  BUS="usb",
  TYPE="tablet" ]
MEMORY="512"
NIC=[
  NETWORK="CR_admin",
  NETWORK_UNAME="oneadmin" ]
OS=[
  ARCH="x86_64",
```

```
BOOT="hd" ]
```

works on Precise Pangolin but not on Trusty Thar.

It looks like the qemu-kvm on Trusty (**2.0.0+dfsg-2ubuntu1**) does not fallback on second drive when the first is not bootable.

The workaround I found is to add a **RAW** section to my template to add a second boot device.

```
RAW=[  
  DATA="  
    <os>  
      <boot dev='cdrom'/>  
    </os>  
  ",  
  TYPE="kvm" ]
```

I see two possible solution:

1. transform **OS=[BOOT="<TYPE>"]** to a list
2. add an attribute to each disk to mark them bootable, ONE could generate the boot list accordingly

Regards.

Associated revisions

Revision 146ac365 - 07/15/2014 03:54 PM - Carlos Martín

Feature #2952: Add multiple boot devices to sunstone wizard

Revision 28e8ee11 - 07/16/2014 10:30 AM - Carlos Martín

Revert "Feature #2952: Add multiple boot devices to sunstone wizard"

This reverts commit 146ac36522d93b4e3c69aac3debe29e3ed5962c.

Revision ca666304 - 07/16/2014 11:04 AM - Carlos Martín

Feature #2952: Add multiple boot devices to sunstone wizard

History

#1 - 05/27/2014 03:07 PM - EOLE Team

There is a [thread](#) on the user mailing-list.

#2 - 05/27/2014 03:19 PM - Ruben S. Montero

- Status changed from Pending to Closed

BOOT accepts a comma separated list of boot devices.

<http://docs.opennebula.org/4.6/user/references/template.html#os-and-boot-options-section>

#3 - 05/27/2014 03:25 PM - EOLE Team

Ruben S. Montero wrote:

BOOT accepts a comma separated list of boot devices.

<http://docs.opennebula.org/4.6/user/references/template.html#os-and-boot-options-section>

It's working when editing the template with the CLI or in "advance mode" in sunstone.

Is it possible to reopen this request to transform the fixed list in sunstone to a list of checkboxes?

Regards.

#4 - 05/27/2014 03:26 PM - Ruben S. Montero

- *Tracker changed from Request to Feature*
- *Category set to Sunstone*
- *Status changed from Closed to New*
- *Target version set to Release 4.8*

Makes sense! thanks for your feedback!

#5 - 06/26/2014 04:50 PM - Daniel Molina

- *Priority changed from Normal to High*

#6 - 06/27/2014 11:19 AM - Ruben S. Montero

- *Assignee set to Tino Vázquez*

#7 - 07/11/2014 12:43 PM - Ruben S. Montero

- *Target version changed from Release 4.8 to Release 4.8 - Beta 1*

#8 - 07/14/2014 11:41 AM - Carlos Martín

- *Assignee changed from Tino Vázquez to Carlos Martín*

#9 - 07/15/2014 04:24 PM - Carlos Martín

- *Status changed from New to Closed*
- *Resolution set to fixed*

#10 - 07/16/2014 08:47 AM - Carlos Martín

- *Status changed from Closed to New*
- *Resolution deleted (fixed)*

#11 - 07/17/2014 05:40 PM - Ruben S. Montero

- *Status changed from New to Closed*

- Resolution set to fixed

#12 - 07/18/2014 04:44 PM - Javi Fontan

- Target version changed from Release 4.8 - Beta 1 to Release 4.8