Foreman - Bug #26010

For the vms built using "Network Based" installation mode on VMWare, unable to change the boot sequence via BIOS

02/07/2019 01:20 PM - Marek Hulán

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
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<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td>Ondřej Ezr</td>
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<tr>
<td>Category:</td>
<td>Compute resources - VMware</td>
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<tr>
<td>Target version:</td>
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<tr>
<td>Difficulty:</td>
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<td>Pull request:</td>
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<td>Triaged:</td>
<td>No</td>
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<tr>
<td>Fixed in Releases:</td>
<td>2.0.0</td>
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<tr>
<td>Bugzilla link:</td>
<td>1398317</td>
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<tr>
<td>Found in Releases:</td>
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Description
Cloned from [https://bugzilla.redhat.com/show_bug.cgi?id=1398317](https://bugzilla.redhat.com/show_bug.cgi?id=1398317)

Description of problem:
When we deploy a new vm on VMWare from Satellite v 6 with Network Based installation mode, then the vm always boot from the network. As the boot sequence set is network, disk.

The customer do not have DHCP/PXE in the network so they are using host based iso to install a vm. Once the installation is completed after reboot every time the vm search for DHCP and it fails. This is causing delay in booting vm.

This issue is not seen if we build a vm with "Image Based" provisioning option from satellite v 6.

Version-Release number of selected component (if applicable):
Satellite v 6.2

How reproducible:
Always

Steps to Reproduce:
1. Build a system from satellite v 6 with Network Based installation mode.
2. Go to BIOS for the vm and try to change the boot sequence.
3. 

Actual results:
It is not allowed to change the boot sequence.

Expected results:
As the customer is installing ISO to complete the installation there should be an option to change the boot order for the vms.

Additional info:

<table>
<thead>
<tr>
<th>Related issues:</th>
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<tbody>
<tr>
<td>Related to Foreman - Bug #5510: Set network as first boot device for VMs in V...</td>
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<tr>
<td>Related to Foreman - Feature #4438: Boot order of libvirt machines</td>
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Associated revisions
Revision c90ecc7e - 01/15/2020 11:33 AM - Ondřej Ezr
Fixes #26010 - boot_order by orderable select

History
#1 - 02/07/2019 01:22 PM - Marek Hulán
- Related to Bug #5510: Set network as first boot device for VMs in VMware compute resources added

05/09/2020 1/2
Klaas reminded me there was already one attempt to make bootorder configurable at https://github.com/theforeman/foreman/pull/4400, there was a discussion about whether we want to include also ability to skip setting bootorder that makes it changeable later, but I think we don't need it in fact. We should just have the bootorder customizable in provisioning form (including compute profile) and potentially ignore it for image based provisioning.

I believe we are onto a change of boot AFTER build, that means changing the order on updating the vmware machine. That is not unfortunately possible as of now in fog-vsphere. So it needs to be enabled there first.

Leting user change the boot_order right on creation could lead to issues with provisioning.

Second problem is that we do not have jquery-ui dependency and we do not have drag and drop in patternfly yet.

- Related to Feature #4438: Boot order of libvirt machines added

- Assignee set to Ondřej Ezr

- Pull request https://github.com/theforeman/foreman/pull/6768 added

- Status changed from New to Ready For Testing

- Fixed in Releases 2.0.0 added

- Status changed from Ready For Testing to Closed

Applied in changeset c90ecc7e90938da55ef1f05b426106cc7368f87b.