Foreman - Feature #19554

Provide warning for unsupported PXE loader combinations

05/16/2017 02:59 AM - Lukas Zapletal

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td>Tomáš Strachota</td>
</tr>
<tr>
<td>Category:</td>
<td>Host creation</td>
</tr>
<tr>
<td>Target version:</td>
<td>1.17.0</td>
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<tr>
<td>Difficulty:</td>
<td></td>
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<tr>
<td>Triaged:</td>
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<tr>
<td>Bugzilla link:</td>
<td>1489377</td>
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</tbody>
</table>

Description

Users very often try to provision RHEL 6 with Grub2 in UEFI which leads to boot loading errors (basically Grub2 prompt or kernel panic).

We need a warning next to PXE Loader flag in the UI if there is known combination of OS and loader that does not work. These currently are:

- RHEL 6.x and Grub2
- RHEL 7.x and Grub1
- Ubuntu 10.x or older and Grub2
- Ubuntu 11.x or newer and Grub1
- Debian 2-6 and Grub2
- Debian 7+ and Grub1

This can be as simple as regular expression and a warning message showing up next to the field in the UI. No actions must be taken. A global setting should be present which will turn this feature of in case user do not want to see these warnings.

Related issues:

- Related to Foreman - Refactor #20846: refactor usage of ES6 Map to using _set
- Rejected 09/05/2017

Associated revisions

- Revision 805420d1 - 09/04/2017 07:31 AM - Tomáš Strachota
  Fixes #19554 - Warning for unsupported PXE loader combinations

- Revision f9ba69d7 - 09/04/2017 03:05 PM - Tomáš Strachota
  Fixes #19554 - Warning for unsupported PXE loader combinations

- Revision 9f701b61 - 09/04/2017 03:06 PM - Tomáš Strachota
  Fixes #19554 - Warning for unsupported PXE loader combinations

- Revision a940ec7c - 09/05/2017 07:33 AM - Sebastian Gräßl
  Refs #19554 - Rewrite to use an Object and not Map
  Map is not yet fully supported in all browsers and would require additional dependencies to be added.
  Using a Object with lodash functions achieves the same and does not require any additional dependencies.

03/21/2022
Revision 62fb64c6 - 09/05/2017 12:08 PM - Tomáš Strachota
Fixes #19554 - Warning for unsupported PXE loader combinations
(cherry picked from commit 805420d18ae67be2fs76cc433ef58b685a640afa)

Revision 187ac8c8 - 09/05/2017 12:08 PM - Sebastian Gräßl
Refs #19554 - Rewrite to use an Object and not Map
Map is not yet fully supported in all browsers and would require additional dependencies to be added.
Using a Object with lodash functions achieves the same and does not require any additional dependencies.
(cherry picked from commit a940ec7c1cc821212617827633dea46fd2749c4)

History
#1 - 05/30/2017 03:38 AM - Lukas Zapletal
Good idea would be our status API to do this kind of warnings.

#2 - 07/20/2017 10:36 AM - Marek Hulán
- Target version set to 1.17.0-RC2

#3 - 07/24/2017 03:27 AM - Tomáš Strachota
- Status changed from New to Assigned
- Assignee set to Tomáš Strachota

#4 - 08/01/2017 03:52 AM - Lukas Zapletal
Just to clear things little bit, these are known and supported cobinations, we should only issue warning if ANY of these rules are not true:
- RHEL 6.x and Grub1
- RHEL 7.x and Grub2
- Ubuntu 10.x or older and Grub1
- Ubuntu 11.x or newer and Grub2
- Debian 2-6 and Grub1
- Debian 7+ and Grub2
It's actually the opposite of unsupported combinations in the original description. I think we should have a list of supported pairs rather than unsupported, that's all.

#5 - 08/08/2017 08:36 AM - Marek Hulán
- Target version changed from 1.17.0-RC2 to 1.18.0-RC2
#6 - 08/28/2017 11:55 AM - The Foreman Bot
- Status changed from Assigned to Ready For Testing
- Pull request https://github.com/theforeman/foreman/pull/4792 added

#7 - 08/29/2017 05:57 AM - Marek Hulán
- Target version changed from 1.18.0-RC2 to 214

#8 - 09/04/2017 08:01 AM - Anonymous
- Status changed from Ready For Testing to Closed
- % Done changed from 0 to 100

Applied in changeset 805420d18ae67be2f876cc433ef58b685a640afa.

#9 - 09/04/2017 11:05 AM - Daniel Lobato Garcia
- Legacy Backlogs Release (now unused) set to 287

Given the entirety of the check is contained in a class "PXECompatibilityCheck" added in this PR, I'm marking as 1.15.4 as it's very useful.

#10 - 09/05/2017 03:53 AM - The Foreman Bot
- Pull request https://github.com/theforeman/foreman/pull/4810 added

#11 - 09/05/2017 05:32 AM - The Foreman Bot
- Pull request https://github.com/theforeman/foreman/pull/4811 added

#12 - 09/05/2017 07:52 AM - Daniel Lobato Garcia
- Legacy Backlogs Release (now unused) changed from 287 to 296

#13 - 09/05/2017 07:53 AM - Ohad Levy
- Related to Refactor #20846: refactor usage of ES6 Map to using _set added

#14 - 09/05/2017 08:02 AM - Ohad Levy
- Pull request deleted (https://github.com/theforeman/foreman/pull/4810)

#15 - 09/07/2017 06:02 AM - roman plevka
- Bugzilla link set to 1489377