

Foreman - Bug #8009

Plugin Salt interferes with Bootdisk in Host view

10/21/2014 08:01 AM - Ronald van Zantvoort

Status: Closed	
Priority: Normal	
Assignee: Ivan Necas	
Category: Plugin integration	
Target version: 1.6.3	
Difficulty:	Fixed in Releases:
Triaged:	Found in Releases:
Bugzilla link:	Red Hat JIRA:
Pull request: https://github.com/foreman/foreman/pull/1874	
Description	
<ul style="list-style-type: none">• Foreman 1.6.2• BootDisk plugin 3.2.0• Salt plugin 0.0.4• Ubuntu Trusty, everything up-to-date & from repos	
When opening the host status page (https://foreman.example.com/hosts/host1.example.com), it buggers out reporting	
<pre>NoMethodError undefined method `display_bootdisk_link_if_authorized' for #<#<Class:0x00000009ed08d8>:0x0000000a90a830> app/views/hosts/show.html.erb:4:in `_b2a322d60e2e8852e412ab7bf4d42ce1' app/models/concerns/foreman/thread_session.rb:33:in `clear_thread' lib/middleware/catch_json_parse_errors.rb:9:in `call'</pre>	
With the production log saying:	
<pre>Operation FAILED: undefined method `display_bootdisk_link_if_authorized' for #<#<Class:0x00000009ed08d8>:0x0000000afdd220> /usr/share/foreman/vendor/ruby/1.9.1/gems/foreman_bootdisk-3.2.0/app/helpers/concerns/foreman_bootdisk/hosts_helper_ext.rb:12:in `host_title_actions_with_bootdisk' /usr/share/foreman/app/views/hosts/show.html.erb:4:in `_b2a322d60e2e8852e412ab7bf4d42ce1' /usr/share/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.18/lib/action_view/template.rb:145:in `block in render' /usr/share/foreman/vendor/ruby/1.9.1/gems/activesupport-3.2.18/lib/active_support/notifications.rb:125:in `instrument' /usr/share/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.18/lib/action_view/template.rb:143:in `render' /usr/share/foreman/vendor/ruby/1.9.1/gems/deface-0.9.1/lib/deface/action_view_extensions.rb:37:in `render' /usr/share/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.18/lib/action_view/renderer/template_renderer.rb:47:in `block (2 levels) in render_template' /usr/share/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.18/lib/action_view/renderer/abstract_renderer.rb:38:in `block in instrument' ETC</pre>	
This method is both called & defined from https://github.com/foreman/foreman_bootdisk/blob/master/app/helpers/concerns/foreman_bootdisk/hosts_helper_ext.rb	
Removing the Salt plugin resolves the problem, reinstalling it reintroduces it. Apparently the Salt plugin attempts to do something to the hosts view which breaks the concern?	

Associated revisions

Revision 94651a72 - 10/29/2014 09:30 AM - Ivan Necas

Fixes #8009 - Make sure the final version of helpers is in the controller

Revision 9fc9fde5 - 10/31/2014 02:34 PM - Ivan Necas

Fixes #8009 - Make sure the final version of helpers is in the controller

(cherry picked from commit 94651a72552d90a811f8b5623ece86d1ef038028)

Revision 03f0e729 - 11/18/2014 09:31 AM - Ivan Necas

Fixes #8009 - Make sure the final version of helpers is in the controller

(cherry picked from commit 94651a72552d90a811f8b5623ece86d1ef038028)

History

#1 - 10/22/2014 09:45 AM - Ivan Necas

- Project changed from Salt to Foreman
- Category set to Plugin integration
- Status changed from New to Assigned
- Assignee set to Ivan Necas
- Target version set to 1.7.2

The root cause of the issue is the ordering in which the plugins happen to extend helpers and controllers. In this particular case:

1. Salt extends the HostsHelper https://github.com/foreman/foreman_salt/blob/master/lib/foreman_salt/engine.rb#L82
2. Salt extends the HostsController https://github.com/foreman/foreman_salt/blob/master/lib/foreman_salt/engine.rb#L92 (this causes the controller to be loaded, including the helper modules)
3. Bootdisk extends the HostsHelper module, but this module doesn't get back into the controller, because it was already included

The solution I'm proposing is re-including the helpers at the end of the to_prepare phase: this way the controller should always get inside the latest version of the helpers

#2 - 10/22/2014 09:47 AM - The Foreman Bot

- Status changed from Assigned to Ready For Testing
- Pull request <https://github.com/foreman/foreman/pull/1874> added
- Pull request deleted ()

#3 - 10/24/2014 04:11 AM - Dominic Cleal

- translation missing: en.field_release set to 27

#4 - 10/29/2014 10:01 AM - Ivan Necas

- Status changed from Ready For Testing to Closed
- % Done changed from 0 to 100

Applied in changeset [94651a72552d90a811f8b5623ece86d1ef038028](https://github.com/foreman/foreman/commit/94651a72552d90a811f8b5623ece86d1ef038028).