**Foreman - Bug #33229**

**undefined method `bmc' for nil:NilClass**

08/09/2021 01:49 AM - Damon Maria

<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>Lukas Zapletal</td>
</tr>
<tr>
<td>Category</td>
<td>BMC</td>
</tr>
<tr>
<td>Target version:</td>
<td></td>
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<tr>
<td>Difficulty:</td>
<td></td>
</tr>
<tr>
<td>Triaged</td>
<td>No</td>
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<td>Bugzilla link:</td>
<td></td>
</tr>
<tr>
<td>Fixed in Releases:</td>
<td>3.0.0</td>
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<tr>
<td>Found in Releases:</td>
<td>2.5.2</td>
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</tbody>
</table>

**Description**

I had a host (created only recently) that I tried to build again by clicking 'Build'. The dialog popped up saying it would overwrite everything and a progress 'circle' turned. Then the circle disappeared but no buttons appeared. Found this in the logs.

That gave me the hint the BMC interface might be the issue. So I removed that interface and then Build worked.

2021-08-08T23:12:19 [I|app|4534d798] Started GET "/hosts/proc2.anzac.mindhive.lan/bmc" for 101.98.66.45 at 2021-08-08 23:12:19 +0000
2021-08-08T23:12:19 [I|app|4534d798] Processing by HostsController#bmc as HTML
2021-08-08T23:12:19 [I|app|4534d798] Parameters: {"id"=>"proc2.anzac.mindhive.lan"}
2021-08-08T23:12:19 [W|app|4534d798] undefined method 'bmc' for nil:NilClass
2021-08-08T23:12:19 [I|app|4534d798] Backtrace for 'undefined method 'bmc' for nil:NilClass' error (NoMethodError): undefined method 'bmc' for nil:NilClass
4534d798 | /usr/share/foreman/app/controllers/hosts_controller.rb:269:in `rescue in bmc'
4534d798 | /usr/share/foreman/app/controllers/hosts_controller.rb:263:in `bmc'
4534d798 | /usr/share/foreman/vendor/ruby/2.5.0/gems/actionpack-6.0.3.7/lib/action_controller/metadata.rb:6:in `send_action'
4534d798 | /usr/share/foreman/vendor/ruby/2.5.0/gems/actionpack-6.0.3.7/lib/abstract_controller/base.rb:195:in `process_action'
4534d798 | /usr/share/foreman/vendor/ruby/2.5.0/gems/actionpack-6.0.3.7/lib/abstract_controller/metadata.rb:30:in `process_action'
4534d798 | /usr/share/foreman/vendor/ruby/2.5.0/gems/actionpack-6.0.3.7/lib/abstract_controller/callbacks.rb:42:in `block in process_action'
4534d798 | /usr/share/foreman/vendor/ruby/2.5.0/gems/activessupport-6.0.3.7/lib/active_support/callbacks.rb:112:in `block in run_callbacks'
4534d798 | /usr/share/foreman/app/models/concerns/foreman/thread_session.rb:32:in `clear_thread'
4534d798 | /usr/share/foreman/vendor/ruby/2.5.0/gems/activessupport-6.0.3.7/lib/active_support/callbacks.rb:121:in `block in run_callbacks'
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backs.rb:101:in `run_callbacks'
4534d798 | /usr/share/foreman/vendor/ruby/2.5.0/gems/actionpack-6.0.3.7/lib/action_dispatch/middleware/callbacks.rb:26:in `call'
4534d798 | /usr/share/foreman/vendor/ruby/2.5.0/gems/actionpack-6.0.3.7/lib/action_dispatch/middleware/functional_exceptions.rb:18:in `call'
4534d798 | /usr/share/foreman/vendor/ruby/2.5.0/gems/actionpack-6.0.3.7/lib/action_dispatch/middleware/debug_exceptions.rb:32:in `call'
4534d798 | /usr/share/foreman/vendor/ruby/2.5.0/gems/actionpack-6.0.3.7/lib/action_dispatch/middleware/show_exceptions.rb:33:in `call'
4534d798 | /usr/share/foreman/vendor/ruby/2.5.0/gems/railties-6.0.3.7/lib/rails/rack/logger.rb:37:in `call'
4534d798 | /usr/share/foreman/vendor/ruby/2.5.0/gems/railties-6.0.3.7/lib/rails/rack/logger.rb:28:in `call'
4534d798 | /usr/share/foreman/vendor/ruby/2.5.0/gems/sprockets-rails-3.2.2/lib/sprockets/rails/quiet_assets.rb:13:in `call'
4534d798 | /usr/share/foreman/vendor/ruby/2.5.0/gems/railties-6.0.3.7/lib/rails/rack/logger.rb:37:in `call'
4534d798 | /usr/share/foreman/vendor/ruby/2.5.0/gems/railties-6.0.3.7/lib/rails/engine.rb:527:in `call'
4534d798 | /usr/share/foreman/vendor/ruby/2.5.0/gems/railties-6.0.3.7/lib/rails/railtie.rb:190:in `public_send'
4534d798 | /usr/share/foreman/vendor/ruby/2.5.0/gems/railties-6.0.3.7/lib/rails/railtie.rb:190:in `method_missing'
4534d798 | /usr/share/foreman/vendor/ruby/2.5.0/gems/rack-2.2.3/lib/rack/urlmap.rb:74:in `block in call'
4534d798 | /usr/share/foreman/vendor/ruby/2.5.0/gems/rack-2.2.3/lib/rack/urlmap.rb:58:in `each'
4534d798 | /usr/share/foreman/vendor/ruby/2.5.0/gems/rack-2.2.3/lib/rack/urlmap.rb:58:in `call'
4534d798 | /usr/share/foreman/vendor/ruby/2.5.0/gems/puma-5.3.2/lib/puma/configuration.rb:249:in `call'
4534d798 | /usr/share/foreman/vendor/ruby/2.5.0/gems/puma-5.3.2/lib/puma/request.rb:77:in `block in handle_request'
4534d798 | /usr/share/foreman/vendor/ruby/2.5.0/gems/puma-5.3.2/lib/puma/thread_pool.rb:338:in `with_force_shutdown'
4534d798 | /usr/share/foreman/vendor/ruby/2.5.0/gems/puma-5.3.2/lib/puma/request.rb:76:in `handle_request'
4534d798 | /usr/share/foreman/vendor/ruby/2.5.0/gems/puma-5.3.2/lib/puma/server.rb:438:in `process_client'
4534d798 | /usr/share/foreman/vendor/ruby/2.5.0/gems/puma-5.3.2/lib/puma/thread_pool.rb:145:in `block in spawn_thread'
2021-08-08T23:12:19 [I] [app|4534d798] Rendering common/500.html.erb (Duration: 9.2ms | Allocations: 392)
2021-08-08T23:12:19 [I] [app|4534d798] Completed 500 Internal Server Error in 64ms (Views: 10.1ms | ActiveRecord: 19.9ms | Allocations: 16324)
This also happens on the BMC tab on the host:
foreman-bmc-error.png

Logs attached as requested:

```
# foreman-rake errors:fetch_log request_id=9e599481
2021-08-12T06:47:28 [I|app|9e599481] Started GET "/hosts/proc2.anzac.mindhive.lan/bmc" for 121.74.228.152 at 2021-08-12 06:47:28 +0000
2021-08-12T06:47:28 [I|app|9e599481] Processing by HostsController#bmc as HTML
2021-08-12T06:47:28 [I|app|9e599481] Parameters: {"id"=>"proc2.anzac.mindhive.lan")
2021-08-12T06:47:28 [W|app|9e599481] undefined method 'bmc' for nil:NilClass
2021-08-12T06:47:28 [I|app|9e599481] Backtrace for 'undefined method 'bmc'' for nil:NilClass: error {NoMethodError: undefined method 'bmc' for nil:NilClass
 9e599481 | /usr/share/foreman/app/controllers/hosts_controller.rb:269:in `rescue in bmc'
 9e599481 | /usr/share/foreman/app/controllers/hosts_controller.rb:263:in `bmc'
 9e599481 | /usr/share/foreman/vendor/ruby/2.5.0/gems/actionpack-6.0.3.7/lib/action_controller/metal/basic_implicit_render.rb:6:in `send_action'
 9e599481 | /usr/share/foreman/vendor/ruby/2.5.0/gems/actionpack-6.0.3.7/lib/action_controller/metal/params_wrapper.rb:245:in `process_action'
 9e599481 | /usr/share/foreman/vendor/ruby/2.5.0/gems/activerecord-6.0.3.7/lib/active_record/railties/controller_runtime.rb:27:in `process_action'
 9e599481 | /usr/share/foreman/vendor/ruby/2.5.0/gems/activerecord-6.0.3.7/lib/active_record/railties/controller_runtime.rb:24:in `instrument'
 9e599481 | /usr/share/foreman/vendor/ruby/2.5.0/gems/actionpack-6.0.3.7/lib/abstract_controller/callbacks.rb:136:in `process'
```

#2 - 08/18/2021 02:12 PM - The Foreman Bot
- Assignee set to Lukas Zapletal
- Status changed from New to Ready For Testing
- Pull request https://github.com/theforeman/foreman/pull/8722 added

#3 - 08/25/2021 08:43 AM - The Foreman Bot
- Fixed in Releases 3.1.0 added

#4 - 08/25/2021 09:08 AM - Lukas Zapletal
- Status changed from Ready For Testing to Closed
Applied in changeset foremanid996e306c53c882f5527e8d847994dc833dbc9ed.

#5 - 09/01/2021 09:10 AM - The Foreman Bot
- Pull request https://github.com/theforeman/foreman/pull/8751 added

#6 - 09/01/2021 09:27 AM - Tomer Brisker
- Category set to BMC
- Fixed in Releases 3.0.0 added
- Fixed in Releases deleted (3.1.0)

Files
Foreman-bmc-error.png 123 KB 08/12/2021  Damon Maria