

## Foreman - Bug #12318

### Template preview render error for image based hosts without installation media

10/27/2015 04:44 AM - Brice Sauvajon

<b>Status:</b>	Closed	
<b>Priority:</b>	Normal	
<b>Assignee:</b>	Marek Hulán	
<b>Category:</b>	Templates	
<b>Target version:</b>	1.11.1	
<b>Difficulty:</b>		<b>Fixed in Releases:</b>
<b>Triaged:</b>		<b>Found in Releases:</b> 1.9.1
<b>Bugzilla link:</b>		<b>Red Hat JIRA:</b>
<b>Pull request:</b>	<a href="https://github.com/theforeman/foreman/pull/3421">https://github.com/theforeman/foreman/pull/3421</a>	

#### Description

Hi,

When I try to provision a new machine, or preview my finish template for a new machine, foreman shows me an error. I've tried with a very simple template containing just "<%= @host %>", here is the production.log output :

```
2015-10-27T09:26:29 [app] [I] Processing by ProvisioningTemplatesController#preview as */*
2015-10-27T09:26:29 [app] [I] Parameters: {"template"=>"<%= @host %>", "preview_host_id"=>"63",
"id"=>"61-Debian default finish test"}
2015-10-27T09:26:29 [app] [W] Error rendering the Debian default finish test template
 | NoMethodError: undefined method `path' for nil:NilClass
 | /usr/share/foreman/app/models/operatingsystem.rb:112:in `medium_uri'
 | /usr/share/foreman/app/models/operatingsystems/debian.rb:13:in `preseed_path'
 | /usr/share/foreman/lib/foreman/renderers.rb:167:in `preseed_attributes'
 | /usr/share/foreman/lib/foreman/renderers.rb:122:in `load_template_vars'
 | /usr/share/foreman/app/controllers/templates_controller.rb:97:in `safe_render'
 | /usr/share/foreman/app/controllers/templates_controller.rb:90:in `preview'
 | /usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/action_controller/metal/implicit_render.rb:4:in `send_action'
 | /usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/abstract_controller/base.rb:167:in `process_action'
 | /usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/action_controller/metal/rendering.rb:10:in `process_action'
 | /usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/abstract_controller/callbacks.rb:18:in `block in process_action'
 | /usr/share/foreman/vendor/ruby/2.1.0/gems/activerecord-3.2.21/lib/active_record/callbacks.rb:682:in `block (4 levels) in _run__4298944938615808196__process_action__171654710307501005__callbacks'
 | /usr/share/foreman/vendor/ruby/2.1.0/gems/activerecord-3.2.21/lib/active_record/callbacks.rb:215:in `block in _conditional_callback_around_8119'
 | /usr/share/foreman/vendor/ruby/2.1.0/gems/activerecord-3.2.21/lib/active_record/callbacks.rb:326:in `around'
 | /usr/share/foreman/vendor/ruby/2.1.0/gems/activerecord-3.2.21/lib/active_record/callbacks.rb:310:in `_callback_around_2447'
 | /usr/share/foreman/vendor/ruby/2.1.0/gems/activerecord-3.2.21/lib/active_record/callbacks.rb:214:in `_conditional_callback_around_8119'
 | /usr/share/foreman/vendor/ruby/2.1.0/gems/activerecord-3.2.21/lib/active_record/callbacks.rb:626:in `block (3 levels) in _run__4298944938615808196__process_action__171654710307501005__callbacks'
 | /usr/share/foreman/vendor/ruby/2.1.0/gems/activerecord-3.2.21/lib/active_record/callbacks.rb:215:in `block in _conditional_callback_around_8118'
 | /usr/share/foreman/app/controllers/concerns/application_shared.rb:13:in `set_timezone'
 | /usr/share/foreman/vendor/ruby/2.1.0/gems/activerecord-3.2.21/lib/active_record/callbacks.rb:214:in `_conditional_callback_around_8118'
 | /usr/share/foreman/vendor/ruby/2.1.0/gems/activerecord-3.2.21/lib/active_record/callbacks.rb:625:in `block (2 levels) in _run__4298944938615808196__process_action__171654710307501005__callbacks'
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ks'  
| /usr/share/foreman/vendor/ruby/2.1.0/gems/activestorage-3.2.21/lib/active_storage/callbacks.rb:  
215:in `block in _conditional_callback_around_8117'  
| /usr/share/foreman/app/models/concerns/foreman/thread_session.rb:32:in `clear_thread'  
| /usr/share/foreman/vendor/ruby/2.1.0/gems/activestorage-3.2.21/lib/active_storage/callbacks.rb:  
214:in `_conditional_callback_around_8117'  
| /usr/share/foreman/vendor/ruby/2.1.0/gems/activestorage-3.2.21/lib/active_storage/callbacks.rb:  
448:in `block in _run__4298944938615808196__process_action__171654710307501005__callbacks'  
| /usr/share/foreman/vendor/ruby/2.1.0/gems/activestorage-3.2.21/lib/active_storage/callbacks.rb:  
215:in `block in _conditional_callback_around_8116'  
| /usr/share/foreman/vendor/ruby/2.1.0/gems/activestorage-3.2.21/lib/active_storage/callbacks.rb:  
326:in `around'  
| /usr/share/foreman/vendor/ruby/2.1.0/gems/activestorage-3.2.21/lib/active_storage/callbacks.rb:  
310:in `_callback_around_13'  
| /usr/share/foreman/vendor/ruby/2.1.0/gems/activestorage-3.2.21/lib/active_storage/callbacks.rb:  
214:in `_conditional_callback_around_8116'  
| /usr/share/foreman/vendor/ruby/2.1.0/gems/activestorage-3.2.21/lib/active_storage/callbacks.rb:  
414:in `_run__4298944938615808196__process_action__171654710307501005__callbacks'  
| /usr/share/foreman/vendor/ruby/2.1.0/gems/activestorage-3.2.21/lib/active_storage/callbacks.rb:  
405:in `__run_callback'  
| /usr/share/foreman/vendor/ruby/2.1.0/gems/activestorage-3.2.21/lib/active_storage/callbacks.rb:  
385:in `_run_process_action_callbacks'  
| /usr/share/foreman/vendor/ruby/2.1.0/gems/activestorage-3.2.21/lib/active_storage/callbacks.rb:  
81:in `run_callbacks'  
| /usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/abstract_controller/callbacks.r  
b:17:in `process_action'  
| /usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/action_controller/metal/rescue.  
rb:29:in `process_action'  
| /usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/action_controller/metal/instrum  
entation.rb:30:in `block in process_action'  
| /usr/share/foreman/vendor/ruby/2.1.0/gems/activestorage-3.2.21/lib/active_storage/notifications  
.rb:123:in `block in instrument'  
| /usr/share/foreman/vendor/ruby/2.1.0/gems/activestorage-3.2.21/lib/active_storage/notifications  
/instrumenter.rb:20:in `instrument'  
| /usr/share/foreman/vendor/ruby/2.1.0/gems/activestorage-3.2.21/lib/active_storage/notifications  
.rb:123:in `instrument'  
| /usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/action_controller/metal/instrum  
entation.rb:29:in `process_action'  
| /usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/action_controller/metal/params_  
wrapper.rb:207:in `process_action'  
| /usr/share/foreman/vendor/ruby/2.1.0/gems/activerecord-3.2.21/lib/active_record/railties/contro  
ller_runtime.rb:18:in `process_action'  
| /usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/abstract_controller/base.rb:121  
:in `process'  
| /usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/abstract_controller/rendering.r  
b:45:in `process'  
| /usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/action_controller/metal.rb:203:  
in `dispatch'  
| /usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/action_controller/metal/rack_de  
legation.rb:14:in `dispatch'  
| /usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/action_controller/metal.rb:246:  
in `block in action'  
| /usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/action_dispatch/routing/route_s  
et.rb:73:in `call'  
| /usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/action_dispatch/routing/route_s  
et.rb:73:in `dispatch'  
| /usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/action_dispatch/routing/route_s  
et.rb:36:in `call'  
| /usr/share/foreman/vendor/ruby/2.1.0/gems/journey-1.0.4/lib/journey/router.rb:68:in `block in c  
all'  
| /usr/share/foreman/vendor/ruby/2.1.0/gems/journey-1.0.4/lib/journey/router.rb:56:in `each'  
| /usr/share/foreman/vendor/ruby/2.1.0/gems/journey-1.0.4/lib/journey/router.rb:56:in `call'  
| /usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/action_dispatch/routing/route_s  
et.rb:608:in `call'  
| /usr/share/foreman/vendor/ruby/2.1.0/gems/apipie-rails-0.2.6/lib/apipie/static_dispatcher.rb:65  
:in `call'  
| /usr/share/foreman/vendor/ruby/2.1.0/gems/apipie-rails-0.2.6/lib/apipie/extractor/recorder.rb:9
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7:in `call'
| /usr/share/foreman/vendor/ruby/2.1.0/gems/apipie-rails-0.2.6/lib/apipie/middleware/checksum_in_
headers.rb:27:in `call'
| /usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/action_dispatch/middleware/best
_standards_support.rb:17:in `call'
| /usr/share/foreman/vendor/ruby/2.1.0/gems/rack-1.4.7/lib/rack/etag.rb:23:in `call'
| /usr/share/foreman/vendor/ruby/2.1.0/gems/rack-1.4.7/lib/rack/conditionalget.rb:35:in `call'
| /usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/action_dispatch/middleware/head
.rb:14:in `call'
| /usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/action_dispatch/middleware/para
ms_parser.rb:21:in `call'
| /usr/share/foreman/lib/middleware/catch_json_parse_errors.rb:9:in `call'
| /usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/action_dispatch/middleware/flas
h.rb:242:in `call'
| /usr/share/foreman/vendor/ruby/2.1.0/gems/rack-1.4.7/lib/rack/session/abstract/id.rb:210:in `co
ntext'
| /usr/share/foreman/vendor/ruby/2.1.0/gems/rack-1.4.7/lib/rack/session/abstract/id.rb:205:in `ca
ll'
| /usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/action_dispatch/middleware/cook
ies.rb:341:in `call'
| /usr/share/foreman/vendor/ruby/2.1.0/gems/activerecord-3.2.21/lib/active_record/query_cache.rb:
64:in `call'
| /usr/share/foreman/vendor/ruby/2.1.0/gems/activerecord-3.2.21/lib/active_record/connection_adap
ters/abstract/connection_pool.rb:479:in `call'
| /usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/action_dispatch/middleware/call
backs.rb:28:in `block in call'
| /usr/share/foreman/vendor/ruby/2.1.0/gems/activesupport-3.2.21/lib/active_support/callbacks.rb:
405:in `__run__3728239369661419318__call__99474923343413317__callbacks'
| /usr/share/foreman/vendor/ruby/2.1.0/gems/activesupport-3.2.21/lib/active_support/callbacks.rb:
405:in `__run_callback'
| /usr/share/foreman/vendor/ruby/2.1.0/gems/activesupport-3.2.21/lib/active_support/callbacks.rb:
385:in `__run_call_callbacks'
| /usr/share/foreman/vendor/ruby/2.1.0/gems/activesupport-3.2.21/lib/active_support/callbacks.rb:
81:in `run_callbacks'
| /usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/action_dispatch/middleware/call
backs.rb:27:in `call'
| /usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/action_dispatch/middleware/remo
te_ip.rb:31:in `call'
| /usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/action_dispatch/middleware/debu
g_exceptions.rb:16:in `call'
| /usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/action_dispatch/middleware/show
_exceptions.rb:56:in `call'
| /usr/share/foreman/vendor/ruby/2.1.0/gems/railties-3.2.21/lib/rails/rack/logger.rb:32:in `call_
app'
| /usr/share/foreman/vendor/ruby/2.1.0/gems/railties-3.2.21/lib/rails/rack/logger.rb:18:in `call'
| /usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/action_dispatch/middleware/requ
est_id.rb:22:in `call'
| /usr/share/foreman/vendor/ruby/2.1.0/gems/rack-1.4.7/lib/rack/methodoverride.rb:21:in `call'
| /usr/share/foreman/vendor/ruby/2.1.0/gems/rack-1.4.7/lib/rack/runtime.rb:17:in `call'
| /usr/share/foreman/vendor/ruby/2.1.0/gems/activesupport-3.2.21/lib/active_support/cache/strateg
y/local_cache.rb:72:in `call'
| /usr/share/foreman/vendor/ruby/2.1.0/gems/rack-1.4.7/lib/rack/lock.rb:15:in `call'
| /usr/share/foreman/vendor/ruby/2.1.0/gems/actionpack-3.2.21/lib/action_dispatch/middleware/stat
ic.rb:83:in `call'
| /usr/share/foreman/vendor/ruby/2.1.0/gems/rack-cache-1.5.0/lib/rack/cache/context.rb:140:in `fo
rward'
| /usr/share/foreman/vendor/ruby/2.1.0/gems/rack-cache-1.5.0/lib/rack/cache/context.rb:147:in `pa
ss'
| /usr/share/foreman/vendor/ruby/2.1.0/gems/rack-cache-1.5.0/lib/rack/cache/context.rb:159:in `in
validate'
| /usr/share/foreman/vendor/ruby/2.1.0/gems/rack-cache-1.5.0/lib/rack/cache/context.rb:74:in `cal
l!'
| /usr/share/foreman/vendor/ruby/2.1.0/gems/rack-cache-1.5.0/lib/rack/cache/context.rb:51:in `cal
l'
| /usr/share/foreman/vendor/ruby/2.1.0/gems/railties-3.2.21/lib/rails/engine.rb:484:in `call'
| /usr/share/foreman/vendor/ruby/2.1.0/gems/railties-3.2.21/lib/rails/application.rb:231:in `call
'
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| /usr/share/foreman/vendor/ruby/2.1.0/gems/railties-3.2.21/lib/rails/railtie/configurable.rb:30:
in `method_missing'
| /usr/share/foreman/vendor/ruby/2.1.0/gems/rack-1.4.7/lib/rack/builder.rb:134:in `call'
| /usr/share/foreman/vendor/ruby/2.1.0/gems/rack-1.4.7/lib/rack/urlmap.rb:64:in `block in call'
| /usr/share/foreman/vendor/ruby/2.1.0/gems/rack-1.4.7/lib/rack/urlmap.rb:49:in `each'
| /usr/share/foreman/vendor/ruby/2.1.0/gems/rack-1.4.7/lib/rack/urlmap.rb:49:in `call'
| /usr/lib/ruby/vendor_ruby/phusion_passenger/rack/thread_handler_extension.rb:74:in `process_req
uest'
| /usr/lib/ruby/vendor_ruby/phusion_passenger/request_handler/thread_handler.rb:141:in `accept_an
d_process_next_request'
| /usr/lib/ruby/vendor_ruby/phusion_passenger/request_handler/thread_handler.rb:109:in `main_loop'
| /usr/lib/ruby/vendor_ruby/phusion_passenger/request_handler.rb:455:in `block (3 levels) in star
t_threads'
| /usr/share/foreman/vendor/ruby/2.1.0/gems/logging-2.0.0/lib/logging/diagnostic_context.rb:448:i
n `call'
| /usr/share/foreman/vendor/ruby/2.1.0/gems/logging-2.0.0/lib/logging/diagnostic_context.rb:448:i
n `block in create_with_logging_context'
2015-10-27T09:26:29 [app] [I] Rendered text template (0.0ms)
2015-10-27T09:26:29 [app] [I] Completed 500 Internal Server Error in 13.9ms (Views: 0.8ms | Active
Record: 1.0ms)
```

Preview still works for old machines

#### Related issues:

Related to Foreman - Feature #11035: Allow all templates preview during their... **Closed** **07/07/2015**

#### Associated revisions

##### Revision 1bec6a32 - 04/13/2016 05:28 AM - Marek Hulán

Fixes #12318 - support preview for deb-based distros

##### Revision 0ef995dd - 04/18/2016 01:45 PM - Marek Hulán

Fixes #12318 - support preview for deb-based distros

(cherry picked from commit 1bec6a3278483d7428760b1ab8b01bf65d3eead3)

#### History

##### #1 - 10/27/2015 05:09 AM - Dominic Cleal

- Description updated

- Category set to Templates

This suggests that the host doesn't have an installation medium set - as a workaround, edit the host and set one under the OS tab and it should work.

##### #2 - 10/27/2015 06:00 AM - Brice Sauvajon

Thanks, bu we don't have any installation medium for these machines, the provisioning method is image based, the image is correctly set under the operating system tab

##### #3 - 10/27/2015 06:03 AM - Dominic Cleal

- Related to Feature #11035: Allow all templates preview during their creation and editing added

##### #4 - 10/27/2015 06:03 AM - Dominic Cleal

- Subject changed from template rendering does'nt work for some hosts to Template preview render error for image based hosts without installation media

- translation missing: en.field\_release set to 91

Ah yes, that'd make sense. Thanks.

##### #5 - 11/03/2015 07:21 AM - Dominic Cleal

- translation missing: en.field\_release deleted (91)

Sorry, this hasn't been fixed in time for the 1.9.3 release, unsetting.

**#6 - 04/12/2016 11:14 AM - The Foreman Bot**

- Status changed from New to Ready For Testing
- Assignee set to Marek Hulán
- Pull request <https://github.com/foreman/foreman/pull/3421> added

**#7 - 04/13/2016 06:01 AM - Marek Hulán**

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

Applied in changeset [1bec6a3278483d7428760b1ab8b01bf65d3eead3](#).

**#8 - 04/13/2016 11:08 AM - Dominic Cleal**

- translation missing: en.field\_release set to 141