Foreman - Bug #27585

default dns timeout value is nil

08/11/2019 02:25 PM - Amir Fefer

<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>Lukas Zapletal</td>
</tr>
<tr>
<td>Category:</td>
<td>Settings</td>
</tr>
<tr>
<td>Target version:</td>
<td>1.24.1</td>
</tr>
<tr>
<td>Difficulty:</td>
<td></td>
</tr>
<tr>
<td>Triaged:</td>
<td>No</td>
</tr>
<tr>
<td>Bugzilla link:</td>
<td>1790184</td>
</tr>
<tr>
<td>Pull request:</td>
<td><a href="https://github.com/theforeman/foreman/pull/7260">https://github.com/theforeman/foreman/pull/7260</a></td>
</tr>
<tr>
<td>Fixed in Releases:</td>
<td>1.24.1, 2.0.0</td>
</tr>
<tr>
<td>Found in Releases:</td>
<td>1.24.0</td>
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</tbody>
</table>

Description

when trying to provision a host, the following error is observed.

ArgumentError

nil is not numeric

/opt/rh/rh-ruby24/root/usr/share/ruby/resolv.rb:918:in `each'
/opt/rh/rh-ruby24/root/usr/share/ruby/resolv.rb:918:in `timeouts='
/home/foreman/git/foreman/lib/net/dns.rb:25:in `lookup'
/home/foreman/git/foreman/lib/net/dns.rb:84:in `dns_lookup'
/home/foreman/git/foreman/lib/net/dns/forward_record.rb:22:in `conflicts'
/home/foreman/git/foreman/lib/net.rb:23:in `conflicting?'
/home/foreman/git/foreman/app/models/concerns/orchestration/dns.rb:119:in `block in dns_conflict_detected?'
/home/foreman/git/foreman/app/models/concerns/orchestration/dns.rb:118:in `each'
/home/foreman/git/foreman/app/models/concerns/orchestration/dns.rb:118:in `dns_conflict_detected?'
/home/foreman/gems/gems/activemodel-5.2.1/lib/active_model/validations/callbacks.rb:426:in `block in make_lambda'
/home/foreman/gems/gems/activemodel-5.2.1/lib/active_model/validations/callbacks.rb:236:in `block in blocking_and_conditional'
/home/foreman/gems/gems/activemodel-5.2.1/lib/active_model/validations/callbacks.rb:517:in `block in invoke_after'
/home/foreman/gems/gems/activemodel-5.2.1/lib/active_model/validations/callbacks.rb:517:in `each'
/home/foreman/gems/gems/activemodel-5.2.1/lib/active_model/validations/callbacks.rb:517:in `invoke_after'
/home/foreman/gems/gems/activemodel-5.2.1/lib/active_model/validations/callbacks.rb:133:in `run_validations!'
/home/foreman/gems/gems/activemodel-5.2.1/lib/active_model/validations/callbacks.rb:118:in `run_validations!'
/home/foreman/gems/gems/activemodel-5.2.1/lib/active_model/validations/callbacks.rb:339:in `valid?'
/home/foreman/gems/gems/activerecord-5.2.1/lib/active_record/validations.rb:67:in `valid?'
/home/foreman/git/foreman/app/models/concerns/orchestration.rb:86:in `valid?'
/home/foreman/gems/gems/activerecord-5.2.1/lib/active_record/autosave_association.rb:329:in `association_valid?'
/home/foreman/gems/gems/activerecord-5.2.1/lib/active_record/autosave_association.rb:316:in `block in validate_collection_association'
/home/foreman/gems/gems/activerecord-5.2.1/lib/active_record/autosave_association.rb:316:in `each'
/home/foreman/gems/gems/activerecord-5.2.1/lib/active_record/autosave_association.rb:316:in `each_with_index'
/home/foreman/gems/gems/activerecord-5.2.1/lib/active_record/autosave_association.rb:316:in `validate_collection_association'
/home/foreman/gems/gems/activerecord-5.2.1/lib/active_record/autosave_association.rb:220:in `block in define_autosave_validation_callbacks'
/home/foreman/gems/gems/activerecord-5.2.1/lib/active_record/autosave_association.rb:159:in `instance_eval'
/home/foreman/gems/gems/activerecord-5.2.1/lib/active_record/autosave_association.rb:159:in `block
in define_non_cyclic_method
/home/foreman/gems/gems/activemodel-5.2.1/lib/active_model/validations.rb:409:in `block in run_validations!'  
/home/foreman/gems/gems/activemodel-5.2.1/lib/active_model/validations/callbacks.rb:118:in `run_validations!'  
/home/foreman/gems/gems/activerecord-5.2.1/lib/active_record/validations.rb:339:in `valid?'  
/home/foreman/gems/gems/activerecord-5.2.1/lib/active_record/validations.rb:67:in `valid?'  
/home/foreman/git/foreman/app/models/concerns/orchestration.rb:86:in `valid?'  
/home/foreman/gems/gems/activerecord-5.2.1/lib/active_record/validations.rb:84:in `perform_validations'  
/home/foreman/gems/gems/activerecord-5.2.1/lib/active_record/validations.rb:46:in `save'  
/home/foreman/gems/gems/activerecord-5.2.1/lib/active_record/transactions.rb:310:in `block (2 levels) in save'  
/home/foreman/gems/gems/activerecord-5.2.1/lib/active_record/transactions.rb:325:in `rollback_active_record_state!'  
/home/foreman/gems/gems/activerecord-5.2.1/lib/active_record/transactions.rb:309:in `save'  
/home/foreman/git/foreman/app/models/concerns/foreman/sti.rb:26:in `save'  
/home/foreman/git/foreman/app/controllers/hosts_controller.rb:98:in `create'  
/home/foreman/gems/gems/actionpack-5.2.1/lib/action_controller/metal/basic_implicit_render.rb:6:in `send_action'  
/home/foreman/gems/gems/actionpack-5.2.1/lib/abstract_controller/base.rb:194:in `process_action'  
/home/foreman/gems/gems/actionpack-5.2.1/lib/action_controller/metal/rendering.rb:30:in `process_action'  
/home/foreman/gems/gems/actionpack-5.2.1/lib/abstract_controller/callbacks.rb:42:in `block in process_action'  
/home/foreman/gems/gems/activemodel-5.2.1/lib/active_model CALLBACKS.RB:1:in `block in run_callbacks'
setting a default value to [5] resolves the issue.

this seems like a regression in #27160.

Related issues:

Related to Foreman - Bug #27160: Foreman fails to find IP address for boot server [closed]
Related to Foreman - Bug #28727: dns timeout setting is `[nil]` causing dns l... [closed]

Associated revisions

Revision 8cc16674 - 01/08/2020 11:01 AM - Lukas Zapletal
Fixes #27585 - default dns timeout value is nil

History

#1 - 08/11/2019 02:25 PM - Amir Fefer
- Related to Bug #27160: Foreman fails to find IP address for boot server if main resolver is down added

#2 - 08/12/2019 12:58 PM - Lukas Zapletal
- Status changed from New to Need more information

Nightly installed fine, probably something wrong with the migration script. However I am unable to reproduce, I guess you don't know the steps so let's keep it opened until I figure out what is causing it.
This is being reported by multiple users in 1.24 after upgrading:
https://community.theforeman.org/t/upgrade-from-1-23-to-1-24-broke-host-creation/16582

Workaround: Setting the
dns_timeout
setting to
[5, 10, 15, 20]
will resolve the issue