# Foreman - Bug #2750

## DNS record for BMC interface don't append domain name

07/05/2013 05:08 AM - Romain Vrignaud

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|---|---|---|---|
| **Status:** | Duplicate | | |
| **Priority:** | Normal | | |
| **Assignee:** | Trey Dockendorf | | |
| **Category:** | BMC | | |
| **Target version:** | | | |
| **Difficulty:** | | **Fixed in Releases:** | |
| **Triaged:** | | **Found in Releases:** | |
| **Bugzilla link:** | | **Red Hat JIRA:** | |
| **Pull request:** | | | |

### Description

When creating a new BMC interface on existing host,
I set Name : proxy2-ipmi
Domain: example.com
Subnet : dc1

It seems that foreman try to set DNS A record without domain.
See following traces.
If I set in Name field a valid FQDN saving works.

Foreman and smart-proxy 1.2.0

I get an error on Foreman side :

```
Started PUT "/hosts/proxy2.example.com" for 192.168.200.11 at 2013-07-05 11:04:37 +0200
Processing by HostsController#update as */*
  Parameters: {"utf8"=>"✓", "authenticity_token"=>"L+DrLyvpxSx+Xm+swLS1+/PVneVGNwVUhR4HFc+m0HA=",
"host"=>{"name"=>"proxy2", "hostgroup_id"=>"17", "environment_id"=>"1", "puppet_ca_proxy_id"=>"2",
 "puppet_proxy_id"=>"2", "puppetclass_ids"=>[""], "managed"=>"1", "progress_report_id"=>"[FILTERED
]", "mac"=>"00:1c:23:e1:b1:d2", "domain_id"=>"4", "subnet_id"=>"2", "ip"=>"192.168.200.224", "inte
rfaces_attributes"=>{"new_interfaces"=>{"_destroy"=>"false", "type"=>"Nic::Managed", "mac"=>"", "n
ame"=>"", "domain_id"=>"", "subnet_id"=>"", "ip"=>"rvrignaud", "provider"=>"IPMI"}, "new_137301505
1051"=>{"_destroy"=>"false", "type"=>"Nic::BMC", "mac"=>"00:1c:23:e1:b1:d4", "name"=>"proxy2-ipmi"
, "domain_id"=>"4", "subnet_id"=>"2", "ip"=>"192.168.200.223", "username"=>"foreman", "password"=>
"[FILTERED]", "provider"=>"IPMI"}}, "architecture_id"=>"1", "operatingsystem_id"=>"16", "provision
_method"=>"build", "medium_id"=>"6", "ptable_id"=>"6", "disk"=>"", "root_pass"=>"[FILTERED]", "is_
owned_by"=>"9-Users", "enabled"=>"1", "model_id"=>"2", "comment"=>"", "overwrite"=>"false"}, "id"=
>"proxy2.example.com"}
Create DHCP reservation for proxy2-ipmi-00:1c:23:e1:b1:d4/192.168.200.223
Add DNS A record for proxy2-ipmi/192.168.200.223
Create DNS record for proxy2-ipmi task failed with the following error: 400 Bad Request/opt/forema
n/vendor/ruby/1.9.1/gems/rest-client-1.6.7/lib/restclient/abstract_response.rb:48:in `return!'
/opt/foreman/vendor/ruby/1.9.1/gems/rest-client-1.6.7/lib/restclient/request.rb:230:in `process_re
sult'
/opt/foreman/vendor/ruby/1.9.1/gems/rest-client-1.6.7/lib/restclient/request.rb:178:in `block in t
ransmit'
/usr/lib/ruby/1.9.1/net/http.rb:745:in `start'
/opt/foreman/vendor/ruby/1.9.1/gems/rest-client-1.6.7/lib/restclient/request.rb:172:in `transmit'
/opt/foreman/vendor/ruby/1.9.1/gems/rest-client-1.6.7/lib/restclient/request.rb:64:in `execute'
/opt/foreman/vendor/ruby/1.9.1/gems/rest-client-1.6.7/lib/restclient/request.rb:33:in `execute'
/opt/foreman/vendor/ruby/1.9.1/gems/rest-client-1.6.7/lib/restclient/resource.rb:67:in `post'
/opt/foreman/lib/proxy_api/resource.rb:76:in `post'
/opt/foreman/lib/proxy_api/dns.rb:13:in `set'
/opt/foreman/lib/net/dns/a_record.rb:21:in `create'
/opt/foreman/app/models/orchestration/dns.rb:33:in `set_dns_a_record'
/opt/foreman/app/models/orchestration.rb:151:in `execute'
/opt/foreman/app/models/orchestration.rb:91:in `block in process'
```

```
/opt/foreman/app/models/orchestration.rb:83:in `each'
/opt/foreman/app/models/orchestration.rb:83:in `process'
/opt/foreman/app/models/orchestration.rb:21:in `on_save'
/opt/foreman/vendor/ruby/1.9.1/gems/activesupport-3.2.13/lib/active_support/callbacks.rb:627:in `_
run__1206801557567445375__save__3004087242711543902__callbacks'
/opt/foreman/vendor/ruby/1.9.1/gems/activesupport-3.2.13/lib/active_support/callbacks.rb:405:in `_
_run_callback'
/opt/foreman/vendor/ruby/1.9.1/gems/activesupport-3.2.13/lib/active_support/callbacks.rb:385:in `_
run_save_callbacks'
/opt/foreman/vendor/ruby/1.9.1/gems/activesupport-3.2.13/lib/active_support/callbacks.rb:81:in `ru
n_callbacks'
/opt/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.13/lib/active_record/callbacks.rb:264:in `cre
ate_or_update'
/opt/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.13/lib/active_record/persistence.rb:84:in `sa
ve'
/opt/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.13/lib/active_record/validations.rb:50:in `sa
ve'
/opt/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.13/lib/active_record/attribute_methods/dirty.
rb:22:in `save'
/opt/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.13/lib/active_record/transactions.rb:259:in `
block (2 levels) in save'
/opt/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.13/lib/active_record/transactions.rb:313:in `
block in with_transaction_returning_status'
/opt/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.13/lib/active_record/connection_adapters/abst
ract/database_statements.rb:192:in `transaction'
/opt/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.13/lib/active_record/transactions.rb:208:in `
transaction'
/opt/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.13/lib/active_record/transactions.rb:311:in `
with_transaction_returning_status'
/opt/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.13/lib/active_record/transactions.rb:259:in `
block in save'
/opt/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.13/lib/active_record/transactions.rb:270:in `
rollback_active_record_state!'
/opt/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.13/lib/active_record/transactions.rb:258:in `
save'
/opt/foreman/lib/foreman/sti.rb:26:in `save_with_type'
/opt/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.13/lib/active_record/persistence.rb:217:in `b
lock in update_attributes'
/opt/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.13/lib/active_record/transactions.rb:313:in `
block in with_transaction_returning_status'
/opt/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.13/lib/active_record/connection_adapters/abst
ract/database_statements.rb:192:in `transaction'
/opt/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.13/lib/active_record/transactions.rb:208:in `
transaction'
/opt/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.13/lib/active_record/transactions.rb:311:in `
with_transaction_returning_status'
/opt/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.13/lib/active_record/persistence.rb:215:in `u
pdate_attributes'
/opt/foreman/app/controllers/hosts_controller.rb:110:in `block in update'
/opt/foreman/app/models/taxonomy.rb:48:in `block in no_taxonomy_scope'
/opt/foreman/app/models/taxonomy.rb:55:in `block (2 levels) in as_taxonomy'
/opt/foreman/lib/foreman/thread_session.rb:140:in `as_location'
/opt/foreman/app/models/taxonomy.rb:54:in `block in as_taxonomy'
/opt/foreman/lib/foreman/thread_session.rb:105:in `as_org'
/opt/foreman/app/models/taxonomy.rb:53:in `as_taxonomy'
/opt/foreman/app/models/taxonomy.rb:47:in `no_taxonomy_scope'
/opt/foreman/app/controllers/hosts_controller.rb:102:in `update'
/opt/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.13/lib/action_controller/metal/implicit_render.
rb:4:in `send_action'
/opt/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.13/lib/abstract_controller/base.rb:167:in `proc
ess_action'
/opt/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.13/lib/action_controller/metal/rendering.rb:10:
in `process_action'
/opt/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.13/lib/abstract_controller/callbacks.rb:18:in `
block in process_action'
/opt/foreman/vendor/ruby/1.9.1/gems/activesupport-3.2.13/lib/active_support/callbacks.rb:549:in `b
lock (3 levels) in _run__1534121847872689640__process_action__1381217565883779306__callbacks'
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/opt/foreman/vendor/ruby/1.9.1/gems/activesupport-3.2.13/lib/active_support/callbacks.rb:215:in `b
lock in _conditional_callback_around_4557'
/opt/foreman/vendor/ruby/1.9.1/gems/activesupport-3.2.13/lib/active_support/callbacks.rb:326:in `a
round'
/opt/foreman/vendor/ruby/1.9.1/gems/activesupport-3.2.13/lib/active_support/callbacks.rb:310:in `_
callback_around_917'
/opt/foreman/vendor/ruby/1.9.1/gems/activesupport-3.2.13/lib/active_support/callbacks.rb:214:in `_
conditional_callback_around_4557'
/opt/foreman/vendor/ruby/1.9.1/gems/activesupport-3.2.13/lib/active_support/callbacks.rb:526:in `b
lock (2 levels) in _run__1534121847872689640__process_action__1381217565883779306__callbacks'
/opt/foreman/vendor/ruby/1.9.1/gems/activesupport-3.2.13/lib/active_support/callbacks.rb:215:in `b
lock in _conditional_callback_around_4556'
/opt/foreman/lib/foreman/thread_session.rb:31:in `clear_thread'
/opt/foreman/vendor/ruby/1.9.1/gems/activesupport-3.2.13/lib/active_support/callbacks.rb:214:in `_
conditional_callback_around_4556'
/opt/foreman/vendor/ruby/1.9.1/gems/activesupport-3.2.13/lib/active_support/callbacks.rb:415:in `b
lock in _run__1534121847872689640__process_action__1381217565883779306__callbacks'
/opt/foreman/vendor/ruby/1.9.1/gems/activesupport-3.2.13/lib/active_support/callbacks.rb:215:in `b
lock in _conditional_callback_around_4555'
/opt/foreman/vendor/ruby/1.9.1/gems/activesupport-3.2.13/lib/active_support/callbacks.rb:326:in `a
round'
/opt/foreman/vendor/ruby/1.9.1/gems/activesupport-3.2.13/lib/active_support/callbacks.rb:310:in `_
callback_around_13'
/opt/foreman/vendor/ruby/1.9.1/gems/activesupport-3.2.13/lib/active_support/callbacks.rb:214:in `_
conditional_callback_around_4555'
/opt/foreman/vendor/ruby/1.9.1/gems/activesupport-3.2.13/lib/active_support/callbacks.rb:414:in `_
run__1534121847872689640__process_action__1381217565883779306__callbacks'
/opt/foreman/vendor/ruby/1.9.1/gems/activesupport-3.2.13/lib/active_support/callbacks.rb:405:in `_
_run_callback'
/opt/foreman/vendor/ruby/1.9.1/gems/activesupport-3.2.13/lib/active_support/callbacks.rb:385:in `_
run_process_action_callbacks'
/opt/foreman/vendor/ruby/1.9.1/gems/activesupport-3.2.13/lib/active_support/callbacks.rb:81:in `ru
n_callbacks'
/opt/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.13/lib/abstract_controller/callbacks.rb:17:in `
process_action'
/opt/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.13/lib/action_controller/metal/rescue.rb:29:in
`process_action'
/opt/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.13/lib/action_controller/metal/instrumentation.
rb:30:in `block in process_action'
/opt/foreman/vendor/ruby/1.9.1/gems/activesupport-3.2.13/lib/active_support/notifications.rb:123:i
n `block in instrument'
/opt/foreman/vendor/ruby/1.9.1/gems/activesupport-3.2.13/lib/active_support/notifications/instrume
nter.rb:20:in `instrument'
/opt/foreman/vendor/ruby/1.9.1/gems/activesupport-3.2.13/lib/active_support/notifications.rb:123:i
n `instrument'
/opt/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.13/lib/action_controller/metal/instrumentation.
rb:29:in `process_action'
/opt/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.13/lib/action_controller/metal/params_wrapper.r
b:207:in `process_action'
/opt/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.13/lib/active_record/railties/controller_runt
ime.rb:18:in `process_action'
/opt/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.13/lib/abstract_controller/base.rb:121:in `proc
ess'
/opt/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.13/lib/abstract_controller/rendering.rb:45:in `
process'
/opt/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.13/lib/action_controller/metal.rb:203:in `dispa
tch'
/opt/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.13/lib/action_controller/metal/rack_delegation.
rb:14:in `dispatch'
/opt/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.13/lib/action_controller/metal.rb:246:in `block
 in action'
/opt/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.13/lib/action_dispatch/routing/route_set.rb:73:
in `call'
/opt/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.13/lib/action_dispatch/routing/route_set.rb:73:
in `dispatch'
/opt/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.13/lib/action_dispatch/routing/route_set.rb:36:
in `call'
```

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/opt/foreman/vendor/ruby/1.9.1/gems/journey-1.0.4/lib/journey/router.rb:68:in `block in call'
/opt/foreman/vendor/ruby/1.9.1/gems/journey-1.0.4/lib/journey/router.rb:56:in `each'
/opt/foreman/vendor/ruby/1.9.1/gems/journey-1.0.4/lib/journey/router.rb:56:in `call'
/opt/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.13/lib/action_dispatch/routing/route_set.rb:612
:in `call'
/opt/foreman/vendor/ruby/1.9.1/gems/apipie-rails-0.0.16/lib/apipie/static_dispatcher.rb:56:in `cal
l'
/opt/foreman/vendor/ruby/1.9.1/gems/rack-openid-1.3.1/lib/rack/openid.rb:98:in `call'
/opt/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.13/lib/action_dispatch/middleware/best_standard
s_support.rb:17:in `call'
/opt/foreman/vendor/ruby/1.9.1/gems/rack-1.4.5/lib/rack/etag.rb:23:in `call'
/opt/foreman/vendor/ruby/1.9.1/gems/rack-1.4.5/lib/rack/conditionalget.rb:35:in `call'
/opt/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.13/lib/action_dispatch/middleware/head.rb:14:in
 `call'
/opt/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.13/lib/action_dispatch/middleware/params_parser
.rb:21:in `call'
/opt/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.13/lib/action_dispatch/middleware/flash.rb:242:
in `call'
/opt/foreman/vendor/ruby/1.9.1/gems/rack-1.4.5/lib/rack/session/abstract/id.rb:210:in `context'
/opt/foreman/vendor/ruby/1.9.1/gems/rack-1.4.5/lib/rack/session/abstract/id.rb:205:in `call'
/opt/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.13/lib/action_dispatch/middleware/cookies.rb:34
1:in `call'
/opt/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.13/lib/active_record/query_cache.rb:64:in `ca
ll'
/opt/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.13/lib/active_record/connection_adapters/abst
ract/connection_pool.rb:479:in `call'
/opt/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.13/lib/action_dispatch/middleware/callbacks.rb:
28:in `block in call'
/opt/foreman/vendor/ruby/1.9.1/gems/activesupport-3.2.13/lib/active_support/callbacks.rb:405:in `_
run__264268188735438121__call__3004087242711543902__callbacks'
/opt/foreman/vendor/ruby/1.9.1/gems/activesupport-3.2.13/lib/active_support/callbacks.rb:405:in `_
_run_callback'
/opt/foreman/vendor/ruby/1.9.1/gems/activesupport-3.2.13/lib/active_support/callbacks.rb:385:in `_
run_call_callbacks'
/opt/foreman/vendor/ruby/1.9.1/gems/activesupport-3.2.13/lib/active_support/callbacks.rb:81:in `ru
n_callbacks'
/opt/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.13/lib/action_dispatch/middleware/callbacks.rb:
27:in `call'
/opt/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.13/lib/action_dispatch/middleware/remote_ip.rb:
31:in `call'
/opt/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.13/lib/action_dispatch/middleware/debug_excepti
ons.rb:16:in `call'
/opt/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.13/lib/action_dispatch/middleware/show_exceptio
ns.rb:56:in `call'
/opt/foreman/vendor/ruby/1.9.1/gems/railties-3.2.13/lib/rails/rack/logger.rb:32:in `call_app'
/opt/foreman/vendor/ruby/1.9.1/gems/railties-3.2.13/lib/rails/rack/logger.rb:16:in `block in call'
/opt/foreman/vendor/ruby/1.9.1/gems/activesupport-3.2.13/lib/active_support/tagged_logging.rb:22:i
n `tagged'
/opt/foreman/vendor/ruby/1.9.1/gems/railties-3.2.13/lib/rails/rack/logger.rb:16:in `call'
/opt/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.13/lib/action_dispatch/middleware/request_id.rb
:22:in `call'
/opt/foreman/vendor/ruby/1.9.1/gems/rack-1.4.5/lib/rack/methodoverride.rb:21:in `call'
/opt/foreman/vendor/ruby/1.9.1/gems/rack-1.4.5/lib/rack/runtime.rb:17:in `call'
/opt/foreman/vendor/ruby/1.9.1/gems/activesupport-3.2.13/lib/active_support/cache/strategy/local_c
ache.rb:72:in `call'
/opt/foreman/vendor/ruby/1.9.1/gems/rack-1.4.5/lib/rack/lock.rb:15:in `call'
/opt/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.13/lib/action_dispatch/middleware/static.rb:63:
in `call'
/opt/foreman/vendor/ruby/1.9.1/gems/rack-cache-1.2/lib/rack/cache/context.rb:136:in `forward'
/opt/foreman/vendor/ruby/1.9.1/gems/rack-cache-1.2/lib/rack/cache/context.rb:143:in `pass'
/opt/foreman/vendor/ruby/1.9.1/gems/rack-cache-1.2/lib/rack/cache/context.rb:155:in `invalidate'
/opt/foreman/vendor/ruby/1.9.1/gems/rack-cache-1.2/lib/rack/cache/context.rb:71:in `call!'
/opt/foreman/vendor/ruby/1.9.1/gems/rack-cache-1.2/lib/rack/cache/context.rb:51:in `call'
/opt/foreman/vendor/ruby/1.9.1/gems/railties-3.2.13/lib/rails/engine.rb:479:in `call'
/opt/foreman/vendor/ruby/1.9.1/gems/railties-3.2.13/lib/rails/application.rb:223:in `call'
/opt/foreman/vendor/ruby/1.9.1/gems/railties-3.2.13/lib/rails/railtie/configurable.rb:30:in `metho
d_missing'
```

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/opt/foreman/vendor/ruby/1.9.1/gems/rack-1.4.5/lib/rack/builder.rb:134:in `call'
/opt/foreman/vendor/ruby/1.9.1/gems/rack-1.4.5/lib/rack/urlmap.rb:64:in `block in call'
/opt/foreman/vendor/ruby/1.9.1/gems/rack-1.4.5/lib/rack/urlmap.rb:49:in `each'
/opt/foreman/vendor/ruby/1.9.1/gems/rack-1.4.5/lib/rack/urlmap.rb:49:in `call'
/usr/lib/ruby/vendor_ruby/phusion_passenger/rack/request_handler.rb:96:in `process_request'
/usr/lib/ruby/vendor_ruby/phusion_passenger/abstract_request_handler.rb:516:in `accept_and_process
_next_request'
/usr/lib/ruby/vendor_ruby/phusion_passenger/abstract_request_handler.rb:274:in `main_loop'
/usr/lib/ruby/vendor_ruby/phusion_passenger/rack/application_spawner.rb:206:in `start_request_hand
ler'
/usr/lib/ruby/vendor_ruby/phusion_passenger/rack/application_spawner.rb:171:in `block in handle_sp
awn_application'
/usr/lib/ruby/vendor_ruby/phusion_passenger/utils.rb:479:in `safe_fork'
/usr/lib/ruby/vendor_ruby/phusion_passenger/rack/application_spawner.rb:166:in `handle_spawn_appli
cation'
/usr/lib/ruby/vendor_ruby/phusion_passenger/abstract_server.rb:357:in `server_main_loop'
/usr/lib/ruby/vendor_ruby/phusion_passenger/abstract_server.rb:206:in `start_synchronously'
/usr/lib/ruby/vendor_ruby/phusion_passenger/abstract_server.rb:180:in `start'
/usr/lib/ruby/vendor_ruby/phusion_passenger/rack/application_spawner.rb:129:in `start'
/usr/lib/ruby/vendor_ruby/phusion_passenger/spawn_manager.rb:253:in `block (2 levels) in spawn_rac
k_application'
/usr/lib/ruby/vendor_ruby/phusion_passenger/abstract_server_collection.rb:132:in `lookup_or_add'
/usr/lib/ruby/vendor_ruby/phusion_passenger/spawn_manager.rb:246:in `block in spawn_rack_applicati
on'
/usr/lib/ruby/vendor_ruby/phusion_passenger/abstract_server_collection.rb:82:in `block in synchron
ize'
<internal:prelude>:10:in `synchronize'
/usr/lib/ruby/vendor_ruby/phusion_passenger/abstract_server_collection.rb:79:in `synchronize'
/usr/lib/ruby/vendor_ruby/phusion_passenger/spawn_manager.rb:244:in `spawn_rack_application'
/usr/lib/ruby/vendor_ruby/phusion_passenger/spawn_manager.rb:137:in `spawn_application'
/usr/lib/ruby/vendor_ruby/phusion_passenger/spawn_manager.rb:275:in `handle_spawn_application'
/usr/lib/ruby/vendor_ruby/phusion_passenger/abstract_server.rb:357:in `server_main_loop'
/usr/lib/ruby/vendor_ruby/phusion_passenger/abstract_server.rb:206:in `start_synchronously'
/usr/share/phusion-passenger/helper-scripts/passenger-spawn-server:99:in `<main>'
Rolling back due to a problem: [Create DNS record for proxy2-ipmi    10    failed    [#<Nic::BM
C id: nil, mac: "00:1c:23:e1:b1:d4", ip: "192.168.200.223", type: "Nic::BMC", name: "proxy2-ipmi",
 host_id: 742, subnet_id: 2, domain_id: 4, attrs: {:username=>"foreman", :password=>"strongpasswor
d", :provider=>"IPMI"}, created_at: nil, updated_at: nil>, :set_dns_a_record]]
Delete DHCP reservation for proxy2-ipmi-00:1c:23:e1:b1:d4/192.168.200.223
Failed to save: Create DNS record for proxy2-ipmi task failed with the following error: 400 Bad Re
quest

And on proxy side :

D, [2013-07-05T11:04:39.526395 #2464] DEBUG -- : running /usr/bin/nsupdate -k /etc/bind/foreman.ke
y
D, [2013-07-05T11:04:39.530682 #2464] DEBUG -- : nsupdate: executed - server localhost
D, [2013-07-05T11:04:39.532283 #2464] DEBUG -- : nsupdate: executed - update add proxy2-ipmi.  864
00 A 192.168.200.223
D, [2013-07-05T11:04:39.546982 #2464] DEBUG -- : nsupdate: errors
Answer:

;; ->>HEADER<<- opcode: UPDATE, status: NOTAUTH, id:   8276

;; flags: qr ra; ZONE: 1, PREREQ: 0, UPDATE: 0, ADDITIONAL: 1

;; ZONE SECTION:

;.                                IN      SOA

;; TSIG PSEUDOSECTION:

foreman.yakaz.com.     0      ANY     TSIG    hmac-md5.sig-alg.reg.int. 1373015079 300 16 nR71u9
8Fp14td7xngS7WIg== 8276 NOERROR 0

E, [2013-07-05T11:04:39.547375 #2464] ERROR -- : Update errors: Answer:
```

```
;; ->>HEADER<<- opcode: UPDATE, status: NOTAUTH, id:   8276

;; flags: qr ra; ZONE: 1, PREREQ: 0, UPDATE: 0, ADDITIONAL: 1

;; ZONE SECTION:

;.                               IN      SOA

;; TSIG PSEUDOSECTION:

foreman.yakaz.com.      0       ANY     TSIG    hmac-md5.sig-alg.reg.int. 1373015079 300 16 nR71u9
8Fp14td7xngS7WIg== 8276 NOERROR 0


D, [2013-07-05T11:04:39.547448 #2464] DEBUG -- : /opt/smart-proxy/lib/proxy/dns/nsupdate.rb:80:in
`nsupdate'
/opt/smart-proxy/lib/proxy/dns/nsupdate.rb:36:in `create'
/opt/smart-proxy/lib/dns_api.rb:28:in `block in <class:SmartProxy>'
/var/lib/gems/1.9.1/gems/sinatra-1.3.5/lib/sinatra/base.rb:1293:in `call'
/var/lib/gems/1.9.1/gems/sinatra-1.3.5/lib/sinatra/base.rb:1293:in `block in compile!'
/var/lib/gems/1.9.1/gems/sinatra-1.3.5/lib/sinatra/base.rb:860:in `[]'
/var/lib/gems/1.9.1/gems/sinatra-1.3.5/lib/sinatra/base.rb:860:in `block (3 levels) in route!'
/var/lib/gems/1.9.1/gems/sinatra-1.3.5/lib/sinatra/base.rb:876:in `route_eval'
/var/lib/gems/1.9.1/gems/sinatra-1.3.5/lib/sinatra/base.rb:860:in `block (2 levels) in route!'
/var/lib/gems/1.9.1/gems/sinatra-1.3.5/lib/sinatra/base.rb:897:in `block in process_route'
/var/lib/gems/1.9.1/gems/sinatra-1.3.5/lib/sinatra/base.rb:895:in `catch'
/var/lib/gems/1.9.1/gems/sinatra-1.3.5/lib/sinatra/base.rb:895:in `process_route'
/var/lib/gems/1.9.1/gems/sinatra-1.3.5/lib/sinatra/base.rb:859:in `block in route!'
/var/lib/gems/1.9.1/gems/sinatra-1.3.5/lib/sinatra/base.rb:858:in `each'
/var/lib/gems/1.9.1/gems/sinatra-1.3.5/lib/sinatra/base.rb:858:in `route!'
/var/lib/gems/1.9.1/gems/sinatra-1.3.5/lib/sinatra/base.rb:963:in `block in dispatch!'
/var/lib/gems/1.9.1/gems/sinatra-1.3.5/lib/sinatra/base.rb:946:in `block in invoke'
/var/lib/gems/1.9.1/gems/sinatra-1.3.5/lib/sinatra/base.rb:946:in `catch'
/var/lib/gems/1.9.1/gems/sinatra-1.3.5/lib/sinatra/base.rb:946:in `invoke'
/var/lib/gems/1.9.1/gems/sinatra-1.3.5/lib/sinatra/base.rb:960:in `dispatch!'
/var/lib/gems/1.9.1/gems/sinatra-1.3.5/lib/sinatra/base.rb:794:in `block in call!'
/var/lib/gems/1.9.1/gems/sinatra-1.3.5/lib/sinatra/base.rb:946:in `block in invoke'
/var/lib/gems/1.9.1/gems/sinatra-1.3.5/lib/sinatra/base.rb:946:in `catch'
/var/lib/gems/1.9.1/gems/sinatra-1.3.5/lib/sinatra/base.rb:946:in `invoke'
/var/lib/gems/1.9.1/gems/sinatra-1.3.5/lib/sinatra/base.rb:794:in `call!'
/var/lib/gems/1.9.1/gems/sinatra-1.3.5/lib/sinatra/base.rb:780:in `call'
/var/lib/gems/1.9.1/gems/rack-1.5.2/lib/rack/methodoverride.rb:21:in `call'
/var/lib/gems/1.9.1/gems/rack-protection-1.3.2/lib/rack/protection/xss_header.rb:27:in `call'
/var/lib/gems/1.9.1/gems/rack-protection-1.3.2/lib/rack/protection/path_traversal.rb:16:in `call'
/var/lib/gems/1.9.1/gems/rack-protection-1.3.2/lib/rack/protection/json_csrf.rb:17:in `call'
/var/lib/gems/1.9.1/gems/rack-protection-1.3.2/lib/rack/protection/base.rb:48:in `call'
/var/lib/gems/1.9.1/gems/rack-protection-1.3.2/lib/rack/protection/base.rb:48:in `call'
/var/lib/gems/1.9.1/gems/rack-protection-1.3.2/lib/rack/protection/xss_header.rb:27:in `call'
/var/lib/gems/1.9.1/gems/rack-1.5.2/lib/rack/logger.rb:15:in `call'
/var/lib/gems/1.9.1/gems/rack-1.5.2/lib/rack/commonlogger.rb:33:in `call'
/var/lib/gems/1.9.1/gems/sinatra-1.3.5/lib/sinatra/base.rb:161:in `call'
/var/lib/gems/1.9.1/gems/sinatra-1.3.5/lib/sinatra/base.rb:154:in `call'
/var/lib/gems/1.9.1/gems/rack-1.5.2/lib/rack/head.rb:11:in `call'
/var/lib/gems/1.9.1/gems/sinatra-1.3.5/lib/sinatra/base.rb:124:in `call'
/var/lib/gems/1.9.1/gems/sinatra-1.3.5/lib/sinatra/base.rb:1417:in `block in call'
/var/lib/gems/1.9.1/gems/sinatra-1.3.5/lib/sinatra/base.rb:1499:in `synchronize'
/var/lib/gems/1.9.1/gems/sinatra-1.3.5/lib/sinatra/base.rb:1417:in `call'
/usr/lib/ruby/vendor_ruby/phusion_passenger/rack/request_handler.rb:96:in `process_request'
/usr/lib/ruby/vendor_ruby/phusion_passenger/abstract_request_handler.rb:516:in `accept_and_process
_next_request'
/usr/lib/ruby/vendor_ruby/phusion_passenger/abstract_request_handler.rb:274:in `main_loop'
/usr/lib/ruby/vendor_ruby/phusion_passenger/rack/application_spawner.rb:206:in `start_request_hand
ler'
/usr/lib/ruby/vendor_ruby/phusion_passenger/rack/application_spawner.rb:171:in `block in handle_sp
awn_application'
/usr/lib/ruby/vendor_ruby/phusion_passenger/utils.rb:479:in `safe_fork'
/usr/lib/ruby/vendor_ruby/phusion_passenger/rack/application_spawner.rb:166:in `handle_spawn_appli
cation'
```

```
/usr/lib/ruby/vendor_ruby/phusion_passenger/abstract_server.rb:357:in `server_main_loop'
/usr/lib/ruby/vendor_ruby/phusion_passenger/abstract_server.rb:206:in `start_synchronously'
/usr/lib/ruby/vendor_ruby/phusion_passenger/abstract_server.rb:180:in `start'
/usr/lib/ruby/vendor_ruby/phusion_passenger/rack/application_spawner.rb:129:in `start'
/usr/lib/ruby/vendor_ruby/phusion_passenger/spawn_manager.rb:253:in `block (2 levels) in spawn_rac
k_application'
/usr/lib/ruby/vendor_ruby/phusion_passenger/abstract_server_collection.rb:132:in `lookup_or_add'
/usr/lib/ruby/vendor_ruby/phusion_passenger/spawn_manager.rb:246:in `block in spawn_rack_applicati
on'
/usr/lib/ruby/vendor_ruby/phusion_passenger/abstract_server_collection.rb:82:in `block in synchron
ize'
<internal:prelude>:10:in `synchronize'
/usr/lib/ruby/vendor_ruby/phusion_passenger/abstract_server_collection.rb:79:in `synchronize'
/usr/lib/ruby/vendor_ruby/phusion_passenger/spawn_manager.rb:244:in `spawn_rack_application'
/usr/lib/ruby/vendor_ruby/phusion_passenger/spawn_manager.rb:137:in `spawn_application'
/usr/lib/ruby/vendor_ruby/phusion_passenger/spawn_manager.rb:275:in `handle_spawn_application'
/usr/lib/ruby/vendor_ruby/phusion_passenger/abstract_server.rb:357:in `server_main_loop'
/usr/lib/ruby/vendor_ruby/phusion_passenger/abstract_server.rb:206:in `start_synchronously'
/usr/share/phusion-passenger/helper-scripts/passenger-spawn-server:99:in `<main>'
```

**Related issues:**

| | | |
|---|---|---|
| Related to Foreman - Bug #4599: Managed interfaces do not create proper DNS r... | **Closed** | **03/09/2014** |

**History**

**#1 - 07/05/2013 08:59 AM - Romain Vrignaud**

*- Category changed from DNS to BMC*

**#2 - 07/31/2013 12:12 AM - Jeremy Kitchen**

this is happening to me as well. I'm trying to track it down for a PR

**#3 - 07/31/2013 12:58 AM - Jeremy Kitchen**

after a bunch of looking and not really finding what I was looking for, I found that you **can** set them if you specify the full domain, but something tells me this is wrong to do.

**#4 - 07/31/2013 02:13 AM - Ohad Levy**

Jeremy Kitchen wrote:

> after a bunch of looking and not really finding what I was looking for, I found that you **can** set them if you specify the full domain, but something tells me this is wrong to do.

This is the workaround, foreman doesn't currently auto add the domain name to the hostname(which is the bug), the resulting trace means dns reject registering a client without a FQDN.

**#5 - 07/31/2013 03:10 AM - Ohad Levy**

*- Description updated*

**#6 - 03/09/2014 12:53 AM - Trey Dockendorf**

*- Related to Bug #4599: Managed interfaces do not create proper DNS records added*

**#7 - 04/23/2014 02:30 PM - Trey Dockendorf**

*- Assignee set to Trey Dockendorf*

**#8 - 04/28/2014 04:31 PM - Dominic Cleal**

*- Status changed from New to Duplicate*

Fixed in 1.5.0-RC2 via #4599.