Foreman - Bug #2036

error when trying to overlay a second domain in an existing subnet

12/11/2012 06:18 PM - Joshua Hoblitt

Status:	Resolved		
Priority:	Normal		
Assignee:			
Category:			
Target version:			
Difficulty:		**Fixed in Releases:**	
Triaged:		**Found in Releases:**	
Bugzilla link:		**Red Hat JIRA:**	
Pull request:			

Description

I have an existing domain named tuc.noao.edu which is working fine in several subnets. I'm attempting to add a new domain named sdm.noao.edu into one subnet. I am not using smart-proxy DNS management, all DNS setup is manual. In this particular case, I'm only using forward records on no reverse. The name of the foreman/smart-proxy/puppet host is ctrl.tuc.noao.edu. When ever I tried to create a host (bare metal or vm) in this new subnet, it fails with this error message "failed to detect boot server: DNS result has no information for ctrl.tuc.noao.edu". Changing the domain to tuc.noao.edu allows the creation to succeed even without DNS for the domain being configured. It feels like the error message being returned here is a little misleading.

This issue is present in 1.0.1 and the 1.1RC RPMs.

```
Started POST "/hosts" for 140.252.7.41 at Tue Dec 11 16:06:52 -0700 2012
  Processing by HostsController#create as
  Parameters: {"capabilities"=>"build", "utf8"=>"✓", "host"=>{"sp_ip"=>"", "environment_id"=>"1",
"sp_subnet_id"=>"", "domain_id"=>"6", "subnet_id"=>"2", "operatingsystem_id"=>"8", "medium_id"=>"1
", "managed"=>"true", "name"=>"dtstest5", "puppetclass_ids"=>[""], "sp_mac"=>"", "build"=>"1", "is
_owned_by"=>"1-Users", "compute_resource_id"=>"1", "hostgroup_id"=>"5", "disk"=>"", "comment"=>"",
 "puppet_proxy_id"=>"2", "mac"=>"52:54:00:b4:8b:bb", "sp_name"=>"", "enabled"=>"1", "architecture_
id"=>"2", "provision_method"=>"build", "root_pass"=>"[FILTERED]", "overwrite"=>"false", "progress_
report_id"=>"[FILTERED]", "ptable_id"=>"13", "ip"=>"140.252.26.2"}, "authenticity_token"=>"ZUk3Gjz
6EahefngtHwRzdw8axydWVTn0P8WkWCh4fx8="}
failed to detect boot server: DNS result has no information for ctrl.tuc.noao.edu
Create DHCP reservation for dtstest5.sdm.noao.edu-52:54:00:b4:8b:bb/140.252.26.2
Add the TFTP configuration for dtstest5.sdm.noao.edu
Fetching required TFTP boot files for dtstest5.sdm.noao.edu
Rolling back due to a problem:
Delete the TFTP configuration for dtstest5.sdm.noao.edu
Delete DHCP reservation for dtstest5.sdm.noao.edu-52:54:00:b4:8b:bb/140.252.26.2
Failed to save: failed to detect boot server: DNS result has no information for ctrl.tuc.noao.edu
Rendered hosts/_progress.erb (0.2ms)
Rendered puppetclasses/_selectedClasses.html.erb (0.0ms)
Rendered puppetclasses/_classes.html.erb (1044.9ms)
Rendered puppetclasses/_class_selection.html.erb (1056.8ms)
Rendered hosts/_compute.html.erb (0.8ms)
Rendered common/_domain.html.erb (14.9ms)
Rendered hosts/_sp_subnet.html.erb (2.6ms)
Rendered common/os_selection/_architecture.html.erb (4.4ms)
Rendered common/os_selection/_operatingsystem.html.erb (148.9ms)
Rendered hosts/_operating_system.erb (161.1ms)
Rendered hosts/_unattended.html.erb (190.4ms)
Rendered puppetclasses/_class_parameters.html.erb (0.0ms)
Rendered puppetclasses/_classes_parameters.html.erb (10.9ms)
Rendered common_parameters/_inherited_parameters.erb (0.2ms)
Rendered common_parameters/_puppetclass_parameter.erb (3.7ms)
Rendered common_parameters/_puppetclasses_parameters.erb (5.9ms)
Rendered common_parameters/_parameter.erb (2.1ms)
Rendered common_parameters/_parameters.erb (4.6ms)
Rendered hosts/_form.html.erb (1569.3ms)
```

```
Read fragment views/tabs_and_title_records-1 (0.4ms)
Rendered home/_topbar.rhtml (2.3ms)
Rendered hosts/new.html.erb within layouts/application (1578.2ms)
Completed 200 OK in 2768ms (Views: 1566.1ms | ActiveRecord: 22.3ms)


D, [2012-12-11T16:06:52.901320 #21607] DEBUG -- : Added dtstest5.sdm.noao.edu (140.252.26.2 / 52:5
4:00:b4:8b:bb) to 140.252.26.0/255.255.255.0
D, [2012-12-11T16:06:52.903409 #21607] DEBUG -- : omshell: executed - set name = "dtstest5.sdm.noa
o.edu"
D, [2012-12-11T16:06:52.903647 #21607] DEBUG -- : true
D, [2012-12-11T16:06:52.903881 #21607] DEBUG -- : omshell: executed - set ip-address = 140.252.26.
2
D, [2012-12-11T16:06:52.904076 #21607] DEBUG -- : true
D, [2012-12-11T16:06:52.904280 #21607] DEBUG -- : omshell: executed - set hardware-address = 52:54
:00:b4:8b:bb
D, [2012-12-11T16:06:52.904420 #21607] DEBUG -- : true
D, [2012-12-11T16:06:52.904590 #21607] DEBUG -- : omshell: executed - set hardware-type = 1
D, [2012-12-11T16:06:52.904711 #21607] DEBUG -- : true
W, [2012-12-11T16:06:52.905525 #21607]  WARN -- : Failed to resolve IP address for false
D, [2012-12-11T16:06:52.905706 #21607] DEBUG -- : omshell: executed - set statements = "filename =
 \"pxelinux.0\"; next-server = \"false\"; option host-name = \"dtstest5.sdm.noao.edu\";"
D, [2012-12-11T16:06:52.905858 #21607] DEBUG -- : true
D, [2012-12-11T16:06:52.906081 #21607] DEBUG -- : omshell: executed - create
D, [2012-12-11T16:06:52.906212 #21607] DEBUG -- : true
I, [2012-12-11T16:06:52.973705 #21607]  INFO -- : Added DHCP reservation for dtstest5.sdm.noao.edu
 (140.252.26.2 / 52:54:00:b4:8b:bb)
I, [2012-12-11T16:06:53.017283 #21607]  INFO -- : TFTP: entry for 52:54:00:b4:8b:bb created succes
sfully
D, [2012-12-11T16:06:53.050885 #21607] DEBUG -- : Starting task (total: 0): wget --timeout=10 --tr
ies=3 --no-check-certificate -nv -c http://centos.tuc.noao.edu/centos/5.8/os/i386//images/pxeboot/
initrd.img -O "/var/lib/tftpboot/boot/Centos-5.8-i386-initrd.img"
D, [2012-12-11T16:06:53.073428 #21607] DEBUG -- : Starting task (total: 0): wget --timeout=10 --tr
ies=3 --no-check-certificate -nv -c http://centos.tuc.noao.edu/centos/5.8/os/i386//images/pxeboot/
vmlinuz -O "/var/lib/tftpboot/boot/Centos-5.8-i386-vmlinuz"
D, [2012-12-11T16:06:53.310839 #21607] DEBUG -- : TFTP: entry for 52:54:00:b4:8b:bb removed succes
sfully
D, [2012-12-11T16:06:53.337091 #21607] DEBUG -- : Reading config file /etc/dhcp/dhcpd.conf

...

D, [2012-12-11T16:06:53.413924 #21607] DEBUG -- : Lazy loaded 140.252.26.0/255.255.255.0 records
D, [2012-12-11T16:06:53.416927 #21607] DEBUG -- : omshell: executed - set hardware-address = 52:54
:00:b4:8b:bb
D, [2012-12-11T16:06:53.417234 #21607] DEBUG -- : true
D, [2012-12-11T16:06:53.417413 #21607] DEBUG -- : omshell: executed - open
D, [2012-12-11T16:06:53.417509 #21607] DEBUG -- : true
D, [2012-12-11T16:06:53.417656 #21607] DEBUG -- : omshell: executed - remove
D, [2012-12-11T16:06:53.417775 #21607] DEBUG -- : true
I, [2012-12-11T16:06:53.485224 #21607]  INFO -- : Removed DHCP reservation for dtstest5.sdm.noao.e
du => dtstest5.sdm.noao.edu (140.252.26.2 / 52:54:00:b4:8b:bb)
```

History

#1 - 12/12/2012 01:34 PM - Joshua Hoblitt

Relatedly, if you provisioning the host in one subnet then manually update the network domain name. Storeconfigs pushes this change back, foreman picks up the change, creates a duplicate host name but in the different domain, change the domain setting on the original host, and works itself into the state that the original host gives the error below when trying to delete it unless you go and manually set the domain back to the one which was used to originally create the host.

```
Started POST "/hosts/dtstest5.tuc.noao.edu" for 140.252.7.41 at Wed Dec 12 11:30:43 -0700 2012
  Processing by HostsController#destroy as HTML
  Parameters: {"authenticity_token"=>"bVrbDKXJA4Ugpmc00b+vAl6MYCbi7vN27XX82fgD7ZA=", "id"=>"dtstest5.tuc.noao.
edu"}
failed to detect boot server: DNS result has no information for ctrl.tuc.noao.edu
Delete DHCP reservation for dtstest5.tuc.noao.edu.sdm.noao.edu-52:54:00:2c:ac:c8/140.252.26.2
Delete the TFTP configuration for dtstest5.tuc.noao.edu.sdm.noao.edu
Remove puppet certificate for dtstest5.tuc.noao.edu.sdm.noao.edu
Delete the autosign entry for dtstest5.tuc.noao.edu.sdm.noao.edu
```

```
Removing Compute instance for dtstest5.tuc.noao.edu.sdm.noao.edu
Rolling back due to a problem:
Adding Compute instance for dtstest5.tuc.noao.edu.sdm.noao.edu
Failed to create a compute sdmvm1 (Libvirt) instance dtstest5.tuc.noao.edu.sdm.noao.edu: undefined method `mer
ge' for nil:NilClass
 /usr/share/foreman/app/models/orchestration/compute.rb:59:in `setCompute'
 /usr/share/foreman/app/models/orchestration.rb:155:in `send'
 /usr/share/foreman/app/models/orchestration.rb:155:in `execute'
 /usr/share/foreman/app/models/orchestration.rb:128:in `process'
 /usr/share/foreman/app/models/orchestration.rb:124:in `reverse_each'
 /usr/share/foreman/app/models/orchestration.rb:124:in `process'
 /usr/share/foreman/app/models/orchestration.rb:40:in `on_destroy'
 /usr/lib/ruby/gems/1.8/gems/activesupport-3.0.17/lib/active_support/callbacks.rb:491:in `_run_destroy_callbac
ks'
 /usr/lib/ruby/gems/1.8/gems/activerecord-3.0.17/lib/active_record/callbacks.rb:256:in `destroy'
 /usr/lib/ruby/gems/1.8/gems/activerecord-3.0.17/lib/active_record/transactions.rb:235:in `destroy'
 /usr/lib/ruby/gems/1.8/gems/activerecord-3.0.17/lib/active_record/transactions.rb:292:in `with_transaction_re
turning_status'
 /usr/lib/ruby/gems/1.8/gems/activerecord-3.0.17/lib/active_record/connection_adapters/abstract/database_state
ments.rb:139:in `transaction'
 /usr/lib/ruby/gems/1.8/gems/activerecord-3.0.17/lib/active_record/transactions.rb:207:in `transaction'
 /usr/lib/ruby/gems/1.8/gems/activerecord-3.0.17/lib/active_record/transactions.rb:290:in `with_transaction_re
turning_status'
 /usr/lib/ruby/gems/1.8/gems/activerecord-3.0.17/lib/active_record/transactions.rb:235:in `destroy'
 /usr/share/foreman/app/models/orchestration.rb:68:in `destroy'
 /usr/share/foreman/app/controllers/hosts_controller.rb:119:in `destroy'
 /usr/lib/ruby/gems/1.8/gems/actionpack-3.0.17/lib/action_controller/metal/implicit_render.rb:4:in `send_actio
n'
 /usr/lib/ruby/gems/1.8/gems/actionpack-3.0.17/lib/action_controller/metal/implicit_render.rb:4:in `send_actio
n'
 /usr/lib/ruby/gems/1.8/gems/actionpack-3.0.17/lib/abstract_controller/base.rb:150:in `process_action'
 /usr/lib/ruby/gems/1.8/gems/actionpack-3.0.17/lib/action_controller/metal/rendering.rb:11:in `process_action'
 /usr/lib/ruby/gems/1.8/gems/actionpack-3.0.17/lib/abstract_controller/callbacks.rb:18:in `process_action'
 /usr/lib/ruby/gems/1.8/gems/activesupport-3.0.17/lib/active_support/callbacks.rb:483:in `_run__103696526__pro
cess_action__467867647__callbacks'
 /usr/lib/ruby/gems/1.8/gems/activesupport-3.0.17/lib/active_support/callbacks.rb:221:in `_conditional_callbac
k_around_4391'
 /usr/lib/ruby/gems/1.8/gems/activesupport-3.0.17/lib/active_support/callbacks.rb:331:in `around'
 /usr/lib/ruby/gems/1.8/gems/activesupport-3.0.17/lib/active_support/callbacks.rb:315:in `send'
 /usr/lib/ruby/gems/1.8/gems/activesupport-3.0.17/lib/active_support/callbacks.rb:315:in `_callback_around_151
2'
 /usr/lib/ruby/gems/1.8/gems/activesupport-3.0.17/lib/active_support/callbacks.rb:220:in `_conditional_callbac
k_around_4391'
 /usr/lib/ruby/gems/1.8/gems/activesupport-3.0.17/lib/active_support/callbacks.rb:477:in `_run__103696526__pro
cess_action__467867647__callbacks'
 /usr/lib/ruby/gems/1.8/gems/activesupport-3.0.17/lib/active_support/callbacks.rb:221:in `_conditional_callbac
k_around_4390'
 /usr/share/foreman/lib/foreman/threadsession.rb:31:in `clear_thread'
 /usr/lib/ruby/gems/1.8/gems/activesupport-3.0.17/lib/active_support/callbacks.rb:220:in `_conditional_callbac
k_around_4390'
 /usr/lib/ruby/gems/1.8/gems/activesupport-3.0.17/lib/active_support/callbacks.rb:437:in `_run__103696526__pro
cess_action__467867647__callbacks'
 /usr/lib/ruby/gems/1.8/gems/activesupport-3.0.17/lib/active_support/callbacks.rb:221:in `_conditional_callbac
k_around_4389'
 /usr/lib/ruby/gems/1.8/gems/activesupport-3.0.17/lib/active_support/callbacks.rb:331:in `around'
 /usr/lib/ruby/gems/1.8/gems/activesupport-3.0.17/lib/active_support/callbacks.rb:315:in `send'
 /usr/lib/ruby/gems/1.8/gems/activesupport-3.0.17/lib/active_support/callbacks.rb:315:in `_callback_around_13'
 /usr/lib/ruby/gems/1.8/gems/activesupport-3.0.17/lib/active_support/callbacks.rb:220:in `_conditional_callbac
k_around_4389'
 /usr/lib/ruby/gems/1.8/gems/activesupport-3.0.17/lib/active_support/callbacks.rb:436:in `_run__103696526__pro
cess_action__467867647__callbacks'
 /usr/lib/ruby/gems/1.8/gems/activesupport-3.0.17/lib/active_support/callbacks.rb:410:in `send'
 /usr/lib/ruby/gems/1.8/gems/activesupport-3.0.17/lib/active_support/callbacks.rb:410:in `_run_process_action_
callbacks'
 /usr/lib/ruby/gems/1.8/gems/activesupport-3.0.17/lib/active_support/callbacks.rb:94:in `send'
 /usr/lib/ruby/gems/1.8/gems/activesupport-3.0.17/lib/active_support/callbacks.rb:94:in `run_callbacks'
 /usr/lib/ruby/gems/1.8/gems/actionpack-3.0.17/lib/abstract_controller/callbacks.rb:17:in `process_action'
 /usr/lib/ruby/gems/1.8/gems/actionpack-3.0.17/lib/action_controller/metal/rescue.rb:17:in `process_action'
 /usr/lib/ruby/gems/1.8/gems/actionpack-3.0.17/lib/action_controller/metal/instrumentation.rb:30:in `process_a
ction'
 /usr/lib/ruby/gems/1.8/gems/activesupport-3.0.17/lib/active_support/notifications.rb:52:in `instrument'
 /usr/lib/ruby/gems/1.8/gems/activesupport-3.0.17/lib/active_support/notifications/instrumenter.rb:21:in `inst
rument'
 /usr/lib/ruby/gems/1.8/gems/activesupport-3.0.17/lib/active_support/notifications.rb:52:in `instrument'
 /usr/lib/ruby/gems/1.8/gems/actionpack-3.0.17/lib/action_controller/metal/instrumentation.rb:29:in `process_a
```

```
ction'
 /usr/lib/ruby/gems/1.8/gems/actionpack-3.0.17/lib/abstract_controller/base.rb:119:in `process'
 /usr/lib/ruby/gems/1.8/gems/actionpack-3.0.17/lib/abstract_controller/rendering.rb:41:in `process'
 /usr/lib/ruby/gems/1.8/gems/actionpack-3.0.17/lib/action_controller/metal.rb:138:in `dispatch'
 /usr/lib/ruby/gems/1.8/gems/actionpack-3.0.17/lib/action_controller/metal/rack_delegation.rb:14:in `dispatch'
 /usr/lib/ruby/gems/1.8/gems/actionpack-3.0.17/lib/action_controller/metal.rb:178:in `action'
 /usr/lib/ruby/gems/1.8/gems/actionpack-3.0.17/lib/action_dispatch/routing/route_set.rb:68:in `call'
 /usr/lib/ruby/gems/1.8/gems/actionpack-3.0.17/lib/action_dispatch/routing/route_set.rb:68:in `dispatch'
 /usr/lib/ruby/gems/1.8/gems/actionpack-3.0.17/lib/action_dispatch/routing/route_set.rb:33:in `call'
 /usr/lib/ruby/gems/1.8/gems/rack-mount-0.6.14/lib/rack/mount/route_set.rb:148:in `call'
 /usr/lib/ruby/gems/1.8/gems/rack-mount-0.6.14/lib/rack/mount/code_generation.rb:93:in `recognize'
 /usr/lib/ruby/gems/1.8/gems/rack-mount-0.6.14/lib/rack/mount/code_generation.rb:75:in `optimized_each'
 /usr/lib/ruby/gems/1.8/gems/rack-mount-0.6.14/lib/rack/mount/code_generation.rb:92:in `recognize'
 /usr/lib/ruby/gems/1.8/gems/rack-mount-0.6.14/lib/rack/mount/route_set.rb:139:in `call'
 /usr/lib/ruby/gems/1.8/gems/actionpack-3.0.17/lib/action_dispatch/routing/route_set.rb:499:in `call'
 /usr/lib/ruby/gems/1.8/gems/apipie-rails-0.0.13/lib/apipie/static_dispatcher.rb:57:in `call'
 /usr/lib/ruby/gems/1.8/gems/actionpack-3.0.17/lib/action_dispatch/middleware/best_standards_support.rb:17:in
 `call'
 /usr/lib/ruby/gems/1.8/gems/actionpack-3.0.17/lib/action_dispatch/middleware/head.rb:14:in `call'
 /usr/lib/ruby/gems/1.8/gems/rack-1.2.5/lib/rack/methodoverride.rb:24:in `call'
 /usr/lib/ruby/gems/1.8/gems/actionpack-3.0.17/lib/action_dispatch/middleware/params_parser.rb:21:in `call'
 /usr/lib/ruby/gems/1.8/gems/actionpack-3.0.17/lib/action_dispatch/middleware/flash.rb:182:in `call'
 /usr/lib/ruby/gems/1.8/gems/actionpack-3.0.17/lib/action_dispatch/middleware/session/abstract_store.rb:149:in
 `call'
 /usr/lib/ruby/gems/1.8/gems/actionpack-3.0.17/lib/action_dispatch/middleware/cookies.rb:302:in `call'
 /usr/lib/ruby/gems/1.8/gems/activerecord-3.0.17/lib/active_record/query_cache.rb:32:in `call'
 /usr/lib/ruby/gems/1.8/gems/activerecord-3.0.17/lib/active_record/connection_adapters/abstract/query_cache.rb
 :28:in `cache'
 /usr/lib/ruby/gems/1.8/gems/activerecord-3.0.17/lib/active_record/query_cache.rb:12:in `cache'
 /usr/lib/ruby/gems/1.8/gems/activerecord-3.0.17/lib/active_record/query_cache.rb:31:in `call'
 /usr/lib/ruby/gems/1.8/gems/activerecord-3.0.17/lib/active_record/connection_adapters/abstract/connection_poo
 l.rb:354:in `call'
 /usr/lib/ruby/gems/1.8/gems/actionpack-3.0.17/lib/action_dispatch/middleware/callbacks.rb:46:in `call'
 /usr/lib/ruby/gems/1.8/gems/activesupport-3.0.17/lib/active_support/callbacks.rb:416:in `_run_call_callbacks'
 /usr/lib/ruby/gems/1.8/gems/actionpack-3.0.17/lib/action_dispatch/middleware/callbacks.rb:44:in `call'
 /usr/lib/ruby/gems/1.8/gems/rack-1.2.5/lib/rack/sendfile.rb:106:in `call'
 /usr/lib/ruby/gems/1.8/gems/actionpack-3.0.17/lib/action_dispatch/middleware/remote_ip.rb:48:in `call'
 /usr/lib/ruby/gems/1.8/gems/actionpack-3.0.17/lib/action_dispatch/middleware/show_exceptions.rb:47:in `call'
 /usr/lib/ruby/gems/1.8/gems/railties-3.0.17/lib/rails/rack/logger.rb:13:in `call'
 /usr/lib/ruby/gems/1.8/gems/rack-1.2.5/lib/rack/runtime.rb:17:in `call'
 /usr/lib/ruby/gems/1.8/gems/activesupport-3.0.17/lib/active_support/cache/strategy/local_cache.rb:72:in `call
 '
 /usr/lib/ruby/gems/1.8/gems/rack-1.2.5/lib/rack/lock.rb:13:in `call'
 /usr/lib/ruby/gems/1.8/gems/rack-1.2.5/lib/rack/lock.rb:13:in `synchronize'
 /usr/lib/ruby/gems/1.8/gems/rack-1.2.5/lib/rack/lock.rb:13:in `call'
 /usr/lib/ruby/gems/1.8/gems/actionpack-3.0.17/lib/action_dispatch/middleware/static.rb:30:in `call'
 /usr/lib/ruby/gems/1.8/gems/railties-3.0.17/lib/rails/application.rb:168:in `call'
 /usr/lib/ruby/gems/1.8/gems/railties-3.0.17/lib/rails/application.rb:77:in `send'
 /usr/lib/ruby/gems/1.8/gems/railties-3.0.17/lib/rails/application.rb:77:in `method_missing'
 /usr/lib/ruby/gems/1.8/gems/rack-1.2.5/lib/rack/urlmap.rb:47:in `call'
 /usr/lib/ruby/gems/1.8/gems/rack-1.2.5/lib/rack/urlmap.rb:41:in `each'
 /usr/lib/ruby/gems/1.8/gems/rack-1.2.5/lib/rack/urlmap.rb:41:in `call'
 /usr/lib/ruby/gems/1.8/gems/passenger-3.0.12/lib/phusion_passenger/rack/request_handler.rb:96:in `process_req
 uest'
 /usr/lib/ruby/gems/1.8/gems/passenger-3.0.12/lib/phusion_passenger/abstract_request_handler.rb:513:in `accept
 _and_process_next_request'
 /usr/lib/ruby/gems/1.8/gems/passenger-3.0.12/lib/phusion_passenger/abstract_request_handler.rb:274:in `main_l
 oop'
 /usr/lib/ruby/gems/1.8/gems/passenger-3.0.12/lib/phusion_passenger/rack/application_spawner.rb:206:in `start_
 request_handler'
 /usr/lib/ruby/gems/1.8/gems/passenger-3.0.12/lib/phusion_passenger/rack/application_spawner.rb:171:in `send'
 /usr/lib/ruby/gems/1.8/gems/passenger-3.0.12/lib/phusion_passenger/rack/application_spawner.rb:171:in `handle
 _spawn_application'
 /usr/lib/ruby/gems/1.8/gems/passenger-3.0.12/lib/phusion_passenger/utils.rb:479:in `safe_fork'
 /usr/lib/ruby/gems/1.8/gems/passenger-3.0.12/lib/phusion_passenger/rack/application_spawner.rb:166:in `handle
 _spawn_application'
 /usr/lib/ruby/gems/1.8/gems/passenger-3.0.12/lib/phusion_passenger/abstract_server.rb:357:in `__send__'
 /usr/lib/ruby/gems/1.8/gems/passenger-3.0.12/lib/phusion_passenger/abstract_server.rb:357:in `server_main_loo
 p'
 /usr/lib/ruby/gems/1.8/gems/passenger-3.0.12/lib/phusion_passenger/abstract_server.rb:206:in `start_synchrono
 usly'
 /usr/lib/ruby/gems/1.8/gems/passenger-3.0.12/lib/phusion_passenger/abstract_server.rb:180:in `start'
 /usr/lib/ruby/gems/1.8/gems/passenger-3.0.12/lib/phusion_passenger/rack/application_spawner.rb:129:in `start'
 /usr/lib/ruby/gems/1.8/gems/passenger-3.0.12/lib/phusion_passenger/spawn_manager.rb:253:in `spawn_rack_applic
 ation'
```

```
/usr/lib/ruby/gems/1.8/gems/passenger-3.0.12/lib/phusion_passenger/abstract_server_collection.rb:132:in `look
up_or_add'
 /usr/lib/ruby/gems/1.8/gems/passenger-3.0.12/lib/phusion_passenger/spawn_manager.rb:246:in `spawn_rack_applic
ation'
 /usr/lib/ruby/gems/1.8/gems/passenger-3.0.12/lib/phusion_passenger/abstract_server_collection.rb:82:in `synch
ronize'
 /usr/lib/ruby/gems/1.8/gems/passenger-3.0.12/lib/phusion_passenger/abstract_server_collection.rb:79:in `synch
ronize'
 /usr/lib/ruby/gems/1.8/gems/passenger-3.0.12/lib/phusion_passenger/spawn_manager.rb:244:in `spawn_rack_applic
ation'
 /usr/lib/ruby/gems/1.8/gems/passenger-3.0.12/lib/phusion_passenger/spawn_manager.rb:137:in `spawn_application
'
 /usr/lib/ruby/gems/1.8/gems/passenger-3.0.12/lib/phusion_passenger/spawn_manager.rb:275:in `handle_spawn_appl
ication'
 /usr/lib/ruby/gems/1.8/gems/passenger-3.0.12/lib/phusion_passenger/abstract_server.rb:357:in `__send__'
 /usr/lib/ruby/gems/1.8/gems/passenger-3.0.12/lib/phusion_passenger/abstract_server.rb:357:in `server_main_loo
p'
 /usr/lib/ruby/gems/1.8/gems/passenger-3.0.12/lib/phusion_passenger/abstract_server.rb:206:in `start_synchrono
usly'
 /usr/lib/ruby/gems/1.8/gems/passenger-3.0.12/helper-scripts/passenger-spawn-server:99
Adding autosign entry for dtstest5.tuc.noao.edu.sdm.noao.edu
Add the TFTP configuration for dtstest5.tuc.noao.edu.sdm.noao.edu
Create DHCP reservation for dtstest5.tuc.noao.edu.sdm.noao.edu-52:54:00:2c:ac:c8/140.252.26.2
Failed to save: failed to detect boot server: DNS result has no information for ctrl.tuc.noao.edu, Failed to c
reate a compute sdmvm1 (Libvirt) instance dtstest5.tuc.noao.edu.sdm.noao.edu: undefined method `merge' for nil
:NilClass
 /usr/share/foreman/app/models/orchestration/compute.rb:59:in `setCompute'
 /usr/share/foreman/app/models/orchestration.rb:155:in `send'
 /usr/share/foreman/app/models/orchestration.rb:155:in `execute'
 /usr/share/foreman/app/models/orchestration.rb:128:in `process'
 /usr/share/foreman/app/models/orchestration.rb:124:in `reverse_each'
 /usr/share/foreman/app/models/orchestration.rb:124:in `process'
 /usr/share/foreman/app/models/orchestration.rb:40:in `on_destroy'
 /usr/lib/ruby/gems/1.8/gems/activesupport-3.0.17/lib/active_support/callbacks.rb:491:in `_run_destroy_callbac
ks'
 /usr/lib/ruby/gems/1.8/gems/activerecord-3.0.17/lib/active_record/callbacks.rb:256:in `destroy'
 /usr/lib/ruby/gems/1.8/gems/activerecord-3.0.17/lib/active_record/transactions.rb:235:in `destroy'
 /usr/lib/ruby/gems/1.8/gems/activerecord-3.0.17/lib/active_record/transactions.rb:292:in `with_transaction_re
turning_status'
 /usr/lib/ruby/gems/1.8/gems/activerecord-3.0.17/lib/active_record/connection_adapters/abstract/database_state
ments.rb:139:in `transaction'
 /usr/lib/ruby/gems/1.8/gems/activerecord-3.0.17/lib/active_record/transactions.rb:207:in `transaction'
 /usr/lib/ruby/gems/1.8/gems/activerecord-3.0.17/lib/active_record/transactions.rb:290:in `with_transaction_re
turning_status'
 /usr/lib/ruby/gems/1.8/gems/activerecord-3.0.17/lib/active_record/transactions.rb:235:in `destroy'
 /usr/share/foreman/app/models/orchestration.rb:68:in `destroy'
 /usr/share/foreman/app/controllers/hosts_controller.rb:119:in `destroy'
 /usr/lib/ruby/gems/1.8/gems/actionpack-3.0.17/lib/action_controller/metal/implicit_render.rb:4:in `send_actio
n'
 /usr/lib/ruby/gems/1.8/gems/actionpack-3.0.17/lib/action_controller/metal/implicit_render.rb:4:in `send_actio
n'
 /usr/lib/ruby/gems/1.8/gems/actionpack-3.0.17/lib/abstract_controller/base.rb:150:in `process_action'
 /usr/lib/ruby/gems/1.8/gems/actionpack-3.0.17/lib/action_controller/metal/rendering.rb:11:in `process_action'
 /usr/lib/ruby/gems/1.8/gems/actionpack-3.0.17/lib/abstract_controller/callbacks.rb:18:in `process_action'
 /usr/lib/ruby/gems/1.8/gems/activesupport-3.0.17/lib/active_support/callbacks.rb:483:in `_run__103696526__pro
cess_action__467867647__callbacks'
 /usr/lib/ruby/gems/1.8/gems/activesupport-3.0.17/lib/active_support/callbacks.rb:221:in `_conditional_callbac
k_around_4391'
 /usr/lib/ruby/gems/1.8/gems/activesupport-3.0.17/lib/active_support/callbacks.rb:331:in `around'
 /usr/lib/ruby/gems/1.8/gems/activesupport-3.0.17/lib/active_support/callbacks.rb:315:in `send'
 /usr/lib/ruby/gems/1.8/gems/activesupport-3.0.17/lib/active_support/callbacks.rb:315:in `_callback_around_151
2'
 /usr/lib/ruby/gems/1.8/gems/activesupport-3.0.17/lib/active_support/callbacks.rb:220:in `_conditional_callbac
k_around_4391'
 /usr/lib/ruby/gems/1.8/gems/activesupport-3.0.17/lib/active_support/callbacks.rb:477:in `_run__103696526__pro
cess_action__467867647__callbacks'
 /usr/lib/ruby/gems/1.8/gems/activesupport-3.0.17/lib/active_support/callbacks.rb:221:in `_conditional_callbac
k_around_4390'
 /usr/share/foreman/lib/foreman/threadsession.rb:31:in `clear_thread'
 /usr/lib/ruby/gems/1.8/gems/activesupport-3.0.17/lib/active_support/callbacks.rb:220:in `_conditional_callbac
k_around_4390'
 /usr/lib/ruby/gems/1.8/gems/activesupport-3.0.17/lib/active_support/callbacks.rb:437:in `_run__103696526__pro
cess_action__467867647__callbacks'
 /usr/lib/ruby/gems/1.8/gems/activesupport-3.0.17/lib/active_support/callbacks.rb:221:in `_conditional_callbac
k_around_4389'
```

```
/usr/lib/ruby/gems/1.8/gems/activesupport-3.0.17/lib/active_support/callbacks.rb:331:in `around'
/usr/lib/ruby/gems/1.8/gems/activesupport-3.0.17/lib/active_support/callbacks.rb:315:in `send'
/usr/lib/ruby/gems/1.8/gems/activesupport-3.0.17/lib/active_support/callbacks.rb:315:in `_callback_around_13'
/usr/lib/ruby/gems/1.8/gems/activesupport-3.0.17/lib/active_support/callbacks.rb:220:in `_conditional_callbac
k_around_4389'
/usr/lib/ruby/gems/1.8/gems/activesupport-3.0.17/lib/active_support/callbacks.rb:436:in `_run__103696526__pro
cess_action__467867647__callbacks'
/usr/lib/ruby/gems/1.8/gems/activesupport-3.0.17/lib/active_support/callbacks.rb:410:in `send'
/usr/lib/ruby/gems/1.8/gems/activesupport-3.0.17/lib/active_support/callbacks.rb:410:in `_run_process_action_
callbacks'
/usr/lib/ruby/gems/1.8/gems/activesupport-3.0.17/lib/active_support/callbacks.rb:94:in `send'
/usr/lib/ruby/gems/1.8/gems/activesupport-3.0.17/lib/active_support/callbacks.rb:94:in `run_callbacks'
/usr/lib/ruby/gems/1.8/gems/actionpack-3.0.17/lib/abstract_controller/callbacks.rb:17:in `process_action'
/usr/lib/ruby/gems/1.8/gems/actionpack-3.0.17/lib/action_controller/metal/rescue.rb:17:in `process_action'
/usr/lib/ruby/gems/1.8/gems/actionpack-3.0.17/lib/action_controller/metal/instrumentation.rb:30:in `process_a
ction'
/usr/lib/ruby/gems/1.8/gems/activesupport-3.0.17/lib/active_support/notifications.rb:52:in `instrument'
/usr/lib/ruby/gems/1.8/gems/activesupport-3.0.17/lib/active_support/notifications/instrumenter.rb:21:in `inst
rument'
/usr/lib/ruby/gems/1.8/gems/activesupport-3.0.17/lib/active_support/notifications.rb:52:in `instrument'
/usr/lib/ruby/gems/1.8/gems/actionpack-3.0.17/lib/action_controller/metal/instrumentation.rb:29:in `process_a
ction'
/usr/lib/ruby/gems/1.8/gems/actionpack-3.0.17/lib/abstract_controller/base.rb:119:in `process'
/usr/lib/ruby/gems/1.8/gems/actionpack-3.0.17/lib/abstract_controller/rendering.rb:41:in `process'
/usr/lib/ruby/gems/1.8/gems/actionpack-3.0.17/lib/action_controller/metal.rb:138:in `dispatch'
/usr/lib/ruby/gems/1.8/gems/actionpack-3.0.17/lib/action_controller/metal/rack_delegation.rb:14:in `dispatch'
/usr/lib/ruby/gems/1.8/gems/actionpack-3.0.17/lib/action_controller/metal.rb:178:in `action'
/usr/lib/ruby/gems/1.8/gems/actionpack-3.0.17/lib/action_dispatch/routing/route_set.rb:68:in `call'
/usr/lib/ruby/gems/1.8/gems/actionpack-3.0.17/lib/action_dispatch/routing/route_set.rb:68:in `dispatch'
/usr/lib/ruby/gems/1.8/gems/actionpack-3.0.17/lib/action_dispatch/routing/route_set.rb:33:in `call'
/usr/lib/ruby/gems/1.8/gems/rack-mount-0.6.14/lib/rack/mount/route_set.rb:148:in `call'
/usr/lib/ruby/gems/1.8/gems/rack-mount-0.6.14/lib/rack/mount/code_generation.rb:93:in `recognize'
/usr/lib/ruby/gems/1.8/gems/rack-mount-0.6.14/lib/rack/mount/code_generation.rb:75:in `optimized_each'
/usr/lib/ruby/gems/1.8/gems/rack-mount-0.6.14/lib/rack/mount/code_generation.rb:92:in `recognize'
/usr/lib/ruby/gems/1.8/gems/rack-mount-0.6.14/lib/rack/mount/route_set.rb:139:in `call'
/usr/lib/ruby/gems/1.8/gems/actionpack-3.0.17/lib/action_dispatch/routing/route_set.rb:499:in `call'
/usr/lib/ruby/gems/1.8/gems/apipie-rails-0.0.13/lib/apipie/static_dispatcher.rb:57:in `call'
/usr/lib/ruby/gems/1.8/gems/actionpack-3.0.17/lib/action_dispatch/middleware/best_standards_support.rb:17:in
`call'
/usr/lib/ruby/gems/1.8/gems/actionpack-3.0.17/lib/action_dispatch/middleware/head.rb:14:in `call'
/usr/lib/ruby/gems/1.8/gems/rack-1.2.5/lib/rack/methodoverride.rb:24:in `call'
/usr/lib/ruby/gems/1.8/gems/actionpack-3.0.17/lib/action_dispatch/middleware/params_parser.rb:21:in `call'
/usr/lib/ruby/gems/1.8/gems/actionpack-3.0.17/lib/action_dispatch/middleware/flash.rb:182:in `call'
/usr/lib/ruby/gems/1.8/gems/actionpack-3.0.17/lib/action_dispatch/middleware/session/abstract_store.rb:149:in
`call'
/usr/lib/ruby/gems/1.8/gems/actionpack-3.0.17/lib/action_dispatch/middleware/cookies.rb:302:in `call'
/usr/lib/ruby/gems/1.8/gems/activerecord-3.0.17/lib/active_record/query_cache.rb:32:in `call'
/usr/lib/ruby/gems/1.8/gems/activerecord-3.0.17/lib/active_record/connection_adapters/abstract/query_cache.rb
:28:in `cache'
/usr/lib/ruby/gems/1.8/gems/activerecord-3.0.17/lib/active_record/query_cache.rb:12:in `cache'
/usr/lib/ruby/gems/1.8/gems/activerecord-3.0.17/lib/active_record/query_cache.rb:31:in `call'
/usr/lib/ruby/gems/1.8/gems/activerecord-3.0.17/lib/active_record/connection_adapters/abstract/connection_poo
l.rb:354:in `call'
/usr/lib/ruby/gems/1.8/gems/actionpack-3.0.17/lib/action_dispatch/middleware/callbacks.rb:46:in `call'
/usr/lib/ruby/gems/1.8/gems/activesupport-3.0.17/lib/active_support/callbacks.rb:416:in `_run_call_callbacks'
/usr/lib/ruby/gems/1.8/gems/actionpack-3.0.17/lib/action_dispatch/middleware/callbacks.rb:44:in `call'
/usr/lib/ruby/gems/1.8/gems/rack-1.2.5/lib/rack/sendfile.rb:106:in `call'
/usr/lib/ruby/gems/1.8/gems/actionpack-3.0.17/lib/action_dispatch/middleware/remote_ip.rb:48:in `call'
/usr/lib/ruby/gems/1.8/gems/actionpack-3.0.17/lib/action_dispatch/middleware/show_exceptions.rb:47:in `call'
/usr/lib/ruby/gems/1.8/gems/railties-3.0.17/lib/rails/rack/logger.rb:13:in `call'
/usr/lib/ruby/gems/1.8/gems/rack-1.2.5/lib/rack/runtime.rb:17:in `call'
/usr/lib/ruby/gems/1.8/gems/activesupport-3.0.17/lib/active_support/cache/strategy/local_cache.rb:72:in `call
'
/usr/lib/ruby/gems/1.8/gems/rack-1.2.5/lib/rack/lock.rb:13:in `call'
/usr/lib/ruby/gems/1.8/gems/rack-1.2.5/lib/rack/lock.rb:13:in `synchronize'
/usr/lib/ruby/gems/1.8/gems/rack-1.2.5/lib/rack/lock.rb:13:in `call'
/usr/lib/ruby/gems/1.8/gems/actionpack-3.0.17/lib/action_dispatch/middleware/static.rb:30:in `call'
/usr/lib/ruby/gems/1.8/gems/railties-3.0.17/lib/rails/application.rb:168:in `call'
/usr/lib/ruby/gems/1.8/gems/railties-3.0.17/lib/rails/application.rb:77:in `send'
/usr/lib/ruby/gems/1.8/gems/railties-3.0.17/lib/rails/application.rb:77:in `method_missing'
/usr/lib/ruby/gems/1.8/gems/rack-1.2.5/lib/rack/urlmap.rb:47:in `call'
/usr/lib/ruby/gems/1.8/gems/rack-1.2.5/lib/rack/urlmap.rb:41:in `each'
/usr/lib/ruby/gems/1.8/gems/rack-1.2.5/lib/rack/urlmap.rb:41:in `call'
/usr/lib/ruby/gems/1.8/gems/passenger-3.0.12/lib/phusion_passenger/rack/request_handler.rb:96:in `process_req
uest'
```

```
 /usr/lib/ruby/gems/1.8/gems/passenger-3.0.12/lib/phusion_passenger/abstract_request_handler.rb:513:in `accept
_and_process_next_request'
 /usr/lib/ruby/gems/1.8/gems/passenger-3.0.12/lib/phusion_passenger/abstract_request_handler.rb:274:in `main_l
oop'
 /usr/lib/ruby/gems/1.8/gems/passenger-3.0.12/lib/phusion_passenger/rack/application_spawner.rb:206:in `start_
request_handler'
 /usr/lib/ruby/gems/1.8/gems/passenger-3.0.12/lib/phusion_passenger/rack/application_spawner.rb:171:in `send'
 /usr/lib/ruby/gems/1.8/gems/passenger-3.0.12/lib/phusion_passenger/rack/application_spawner.rb:171:in `handle
_spawn_application'
 /usr/lib/ruby/gems/1.8/gems/passenger-3.0.12/lib/phusion_passenger/utils.rb:479:in `safe_fork'
 /usr/lib/ruby/gems/1.8/gems/passenger-3.0.12/lib/phusion_passenger/rack/application_spawner.rb:166:in `handle
_spawn_application'
 /usr/lib/ruby/gems/1.8/gems/passenger-3.0.12/lib/phusion_passenger/abstract_server.rb:357:in `__send__'
 /usr/lib/ruby/gems/1.8/gems/passenger-3.0.12/lib/phusion_passenger/abstract_server.rb:357:in `server_main_loo
p'
 /usr/lib/ruby/gems/1.8/gems/passenger-3.0.12/lib/phusion_passenger/abstract_server.rb:206:in `start_synchrono
usly'
 /usr/lib/ruby/gems/1.8/gems/passenger-3.0.12/lib/phusion_passenger/abstract_server.rb:180:in `start'
 /usr/lib/ruby/gems/1.8/gems/passenger-3.0.12/lib/phusion_passenger/rack/application_spawner.rb:129:in `start'
 /usr/lib/ruby/gems/1.8/gems/passenger-3.0.12/lib/phusion_passenger/spawn_manager.rb:253:in `spawn_rack_applic
ation'
 /usr/lib/ruby/gems/1.8/gems/passenger-3.0.12/lib/phusion_passenger/abstract_server_collection.rb:132:in `look
up_or_add'
 /usr/lib/ruby/gems/1.8/gems/passenger-3.0.12/lib/phusion_passenger/spawn_manager.rb:246:in `spawn_rack_applic
ation'
 /usr/lib/ruby/gems/1.8/gems/passenger-3.0.12/lib/phusion_passenger/abstract_server_collection.rb:82:in `synch
ronize'
 /usr/lib/ruby/gems/1.8/gems/passenger-3.0.12/lib/phusion_passenger/abstract_server_collection.rb:79:in `synch
ronize'
 /usr/lib/ruby/gems/1.8/gems/passenger-3.0.12/lib/phusion_passenger/spawn_manager.rb:244:in `spawn_rack_applic
ation'
 /usr/lib/ruby/gems/1.8/gems/passenger-3.0.12/lib/phusion_passenger/spawn_manager.rb:137:in `spawn_application
'
 /usr/lib/ruby/gems/1.8/gems/passenger-3.0.12/lib/phusion_passenger/spawn_manager.rb:275:in `handle_spawn_appl
ication'
 /usr/lib/ruby/gems/1.8/gems/passenger-3.0.12/lib/phusion_passenger/abstract_server.rb:357:in `__send__'
 /usr/lib/ruby/gems/1.8/gems/passenger-3.0.12/lib/phusion_passenger/abstract_server.rb:357:in `server_main_loo
p'
 /usr/lib/ruby/gems/1.8/gems/passenger-3.0.12/lib/phusion_passenger/abstract_server.rb:206:in `start_synchrono
usly'
 /usr/lib/ruby/gems/1.8/gems/passenger-3.0.12/helper-scripts/passenger-spawn-server:99
Redirected to https://ctrl.tuc.noao.edu/hosts
Completed 302 Found in 2635ms
```

#2 - 12/12/2012 03:16 PM - Joshua Hoblitt

There is something weird going on it either ./app/models/orchestration/tftp.rb or ./app/models/orchestration/dhcp.rb. There's no way the hostname of the foreman/proxy/puppet host can't be resolved in DNS.

I don't know why it fixed it, but uncommenting this configuration value in foreman-proxy settings.yml and setting it to an IP address (a DNS name does not work), fixes the error.

```
:tftp_servername:
```

#3 - 02/27/2014 04:56 PM - Benjamin Papillon

- Status changed from New to Resolved

Hello,

Thanks for the report and the feedback. I hope you are still using Foreman and saw nice improvements in this field with the latests releases.

Regards

#4 - 02/27/2014 05:28 PM - Joshua Hoblitt

I must have missed it. What commit resolved this problem?

#5 - 02/28/2014 10:41 AM - Benjamin Papillon

Hello,

There is a misunderstanding :) I changed the status of the ticket to resolved because you found a workaround to your problem. I really don't know if the root cause you have seen has been fixed or not.
I can keep the bug open until a developper look at it if you wish.

Regards