

# Smart Proxy - Bug #11196

## ERF12-6899 [ProxyAPI::ProxyException]

07/23/2015 02:20 AM - shads ap

<b>Status:</b>	Resolved	
<b>Priority:</b>	Normal	
<b>Assignee:</b>		
<b>Category:</b>	DHCP	
<b>Target version:</b>		
<b>Difficulty:</b>	medium	<b>Fixed in Releases:</b>
<b>Triaged:</b>		<b>Found in Releases:</b> 1.8.2
<b>Bugzilla link:</b>		<b>Red Hat JIRA:</b>
<b>Pull request:</b>		

### Description

Hello Team,

We are facing issues on getting DHCP to work with our foreman. No hosts can be added because of this issue.

Could you please help us on this?

Please let us know if you require any more details.

Unable to save

Create DHCP Settings for client1.domain.com task failed with the following error: ERF12-6899 [ProxyAPI::ProxyException]: Unable to set DHCP entry ([RestClient::BadRequest]: 400 Bad Request) for proxy <https://hadoopserver.domain.com:8443/dhcp>

### Suggest new IP is not working.

Our environment details:

Foreman Version = 1.8.2

The new machines to be added as hosts are virtual machines.

Please see the attached screenshots/files for our settings

Our configuration - YML files:

```
[root@hadoopserver settings.d]# pwd
/etc/foreman-proxy/settings.d
```

```
[root@hadoopserver settings.d]# ls -l
```

```
total 44
```

```
-rw-r-----. 1 root          foreman-proxy 317 Jul  2 13:27 bmc.yml
-rw-r-----. 1 root          foreman-proxy 785 Jul 22 12:30 dhcp.yml
-rw-r-----. 1 root          foreman-proxy 786 Jul 21 14:16 dns.yml
-rw-r--r--. 1 root          root           92 Jun 15 16:30 facts.yml
lrwxrwxrwx. 1 root          root           31 Jul  7 13:22 foreman_proxy.yml -> /etc/foreman-proxy/settings.yml
-rw-----. 1 foreman-proxy foreman-proxy 118 Jul 14 12:10 Komapi_key.+157+55117.key
-rw-----. 1 foreman-proxy foreman-proxy 229 Jul 14 12:10 Komapi_key.+157+55117.private
-rw-r-----. 1 root          foreman-proxy  95 Jul 21 14:22 puppetca.yml
-rw-r-----. 1 root          foreman-proxy 1944 Jul 22 10:16 puppet.yml
-rw-r-----. 1 root          foreman-proxy  358 Jul 21 13:36 realm.yml
-rw-r-----. 1 root          foreman-proxy 1087 Jul  2 13:27 templates.yml
-rw-r-----. 1 root          foreman-proxy  183 Jul 21 12:22 tftp.yml
```

```
[root@hadoopserver settings.d]# cat dhcp.yml
---
# Enable DHCP management
:enabled: https
# valid vendors:
#   - isc
#   - native_ms (Microsoft native implementation)
#   - virsh (simple implementation for libvirt)
# The vendor can be either isc or native_ms
:dhcp_vendor: isc
# dhcp_subnets is a Native MS implementation setting. It restricts the subnets queried to a
# subset, so as to reduce the query time.
:dhcp_subnets: [192.168.101.20/255.255.255.0, 192.168.101.252/255.255.255.0]
# Settings for Ubuntu ISC
#:dhcp_config: /etc/dhcp3/dhcpd.conf
#:dhcp_leases: /var/lib/dhcp3/dhcpd.leases
# Settings for Redhat ISC
:dhcp_config: /etc/dhcp/dhcpd.conf
:dhcp_leases: /var/lib/dhcpd/dhcpd.leases
:dhcp_key_name: omapi_key
:dhcp_key_secret: eiflm5CVYvb5a+3P2CXvRYVjvA3Gyy2b6BR3s5A7vyiq+IDocMwkohciOEcy/tfKqznmC/cfHBBD+de
JDeElQ==
```

```
=====
[root@hadoopserver settings.d]# cat /etc/dhcp/dhcpd.conf
ddns-update-style interim;
ignore client-updates;
authoritative;
allow booting;
allow bootp;

omapi-port 7911;
key omapi_key {
    algorithm HMAC-MD5;
    secret "eiflm5CVYvb5a+3P2CXvRYVjvA3Gyy2b6BR3s5A7vyiq+IDocMwkohciOEcy/tfKqznmC/cfHBBD+deJD
eElQ==";
}
omapi-key omapi_key;

subnet 192.168.101.0 netmask 255.255.255.0 {
    range 192.168.101.20 192.168.101.252;
    option log-servers syslog;
    filename "pxelinux.0";
    next-server 192.168.101.1;
    default-lease-time 21600;
    max-lease-time 43200;
}
```

```
=====
[root@hadoopserver settings.d]# cat foreman_proxy.yml
---
### File managed with puppet ###
## Module:          'foreman_proxy'

:settings_directory: /etc/foreman-proxy/settings.d

# SSL Setup

# if enabled, all communication would be verified via SSL
# NOTE that both certificates need to be signed by the same CA in order for this to work
# see http://theforeman.org/projects/smart-proxy/wiki/SSL for more information
:ssl_ca_file: /var/lib/puppet/ssl/certs/ca.pem
:ssl_certificate: /var/lib/puppet/ssl/certs/hadoopserver.domain.com.pem
:ssl_private_key: /var/lib/puppet/ssl/private_keys/hadoopserver.domain.com.pem

# the hosts which the proxy accepts connections from
# commenting the following lines would mean every verified SSL connection allowed
:trusted_hosts:
```

```

- hadoopserver.domain.com
- 192.168.101.1
- localhost
# Endpoint for reverse communication
:foreman_url: https://hadoopserver.domain.com

# SSL settings for client authentication against Foreman. If undefined, the values
# from general SSL options are used instead. Mainly useful when Foreman uses
# different certificates for its web UI and for smart-proxy requests.
:foreman_ssl_ca: /var/lib/puppet/ssl/certs/ca.pem
:foreman_ssl_cert: /var/lib/puppet/ssl/certs/hadoopserver.domain.com.pem
:foreman_ssl_key: /var/lib/puppet/ssl/private_keys/hadoopserver.domain.com.pem
#:foreman_ssl_ca: ssl/certs/ca.pem
#:foreman_ssl_cert: ssl/certs/fqdn.pem
#:foreman_ssl_key: ssl/private_keys/fqdn.pem

# by default smart_proxy runs in the foreground. To enable running as a daemon, uncomment 'daemon'
# setting
:daemon: true
# Only used when 'daemon' is set to true.
# Uncomment and modify if you want to change the default pid file '/var/run/foreman-proxy/foreman-
# proxy.pid'
#:daemon_pid: /var/run/foreman-proxy/foreman-proxy.pid

# HTTP ports configuration
# http is disabled by default. To enable, uncomment 'http_port' setting
# https is enabled if certificate, CA certificate, and private key are present in locations specif
# ed by
# ssl_certificate, ssl_ca_file, and ssl_private_key correspondingly
# default values for https_port is 8443
:https_port: 8443
:http_port: 8000

# shared options for virsh DNS/DHCP provider
:virsh_network: ForeManNetwork

# Where our proxy log files are stored
# filename or STDOUT
:log_file: /var/log/foreman-proxy/proxy.log
# valid options are
# WARN, DEBUG, Error, Fatal, INFO, UNKNOWN
:log_level: DEBUG
=====

```

## History

### #1 - 07/24/2015 05:42 AM - Dominic Cleal

- Description updated

### #2 - 07/24/2015 05:43 AM - Dominic Cleal

- Status changed from New to Need more information

The log file is probably the first thing to check - can you provide the proxy.log from the time you're getting the error?

Logs from dhcpd too would be useful, probably from syslog.

### #3 - 07/24/2015 01:45 PM - shads ap

Dominic Cleal wrote:

The log file is probably the first thing to check - can you provide the proxy.log from the time you're getting the error?

Logs from dhcpd too would be useful, probably from syslog.

### #4 - 07/24/2015 02:51 PM - shads ap

Sure ... will fetch the log and update here. Thanks

## #5 - 07/26/2015 01:44 AM - shads ap

Please find the /var/log/foreman/production.log below:-

2015-07-26 09:39:23 [I]

Started POST "/hosts" for 10.0.9.183 at 2015-07-26 09:39:23 +0400

2015-07-26 09:39:23 [I] Processing by HostsController#create as /\*

```
2015-07-26 09:39:23 [I] Parameters: {"utf8"=>"", "authenticity_token"=>"lmzmsCXQJ+s5eXlayu2yvHshu+rR79uTS8CpBky5QwU=", "host"=>{"name"=>"client1", "hostgroup_id"=>"2", "compute_resource_id"=>""}, "environment_id"=>"1", "puppet_proxy_id"=>"1", "puppetclass_ids"=>[""], "managed"=>"true", "progress_report_id"=>"[FILTERED]", "type"=>"Host::Managed", "interfaces_attributes"=>{"0"=>{"_destroy"=>"0", "type"=>"Nic::Managed", "mac"=>"52:54:00:aa:03:13", "identifier"=>"eth0", "name"=>"client1", "domain_id"=>"1", "subnet_id"=>"1", "ip"=>"192.168.101.30", "managed"=>"1", "primary"=>"1", "provision"=>"1", "virtual"=>"0", "tag"=>""}, "attached_to"=>"", "new_interfaces"=>{"_destroy"=>"1", "type"=>"Nic::Managed", "mac"=>""}, "identifier"=>""}, {"name"=>""}, {"domain_id"=>""}, {"subnet_id"=>""}, {"ip"=>""}, {"managed"=>"1", "primary"=>"0", "provision"=>"0", "virtual"=>"0", "tag"=>""}, {"attached_to"=>"admin"}}, "architecture_id"=>"1", "operatingsystem_id"=>"1", "provision_method"=>"build", "build"=>"1", "medium_id"=>"10", "ptable_id"=>"8", "disk"=>""}, "root_pass"=>"[FILTERED]", "is_owned_by"=>"3-Users", "enabled"=>"1", "model_id"=>""}, {"comment"=>""}, {"overwrite"=>"false"}}
```

2015-07-26 09:39:24 [I] Create DHCP reservation for client1.domain.com-52:54:00:aa:03:13/192.168.101.30

2015-07-26 09:39:24 [W] Create DHCP Settings for client1.domain.com task failed with the following error: ERF12-6899 [ProxyAPI::ProxyException]:

Unable to set DHCP entry ([RestClient::BadRequest]: 400 Bad Request) for proxy

[https://hadoopserver.domain.com:8443/dhcp/usr/share/foreman/lib/proxy\\_api/dhcp.rb:66.in `rescue in set'](https://hadoopserver.domain.com:8443/dhcp/usr/share/foreman/lib/proxy_api/dhcp.rb:66.in `rescue in set')

/usr/share/foreman/lib/proxy\_api/dhcp.rb:62.in `set'

/usr/share/foreman/lib/net/dhcp/record.rb:29.in `create'

/usr/share/foreman/app/models/concerns/orchestration/dhcp.rb:25.in `set\_dhcp'

/usr/share/foreman/app/models/concerns/orchestration.rb:141.in `execute'

/usr/share/foreman/app/models/concerns/orchestration.rb:86.in `block in process'

/usr/share/foreman/app/models/concerns/orchestration.rb:78.in `each'

/usr/share/foreman/app/models/concerns/orchestration.rb:78.in `process'

/usr/share/foreman/app/models/concerns/orchestration.rb:19.in `on\_save'

/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active\_support/callbacks.rb:649.in

`\_run\_2317314957712211960\_save\_3566245033051328600\_callbacks'

/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active\_support/callbacks.rb:405.in `\_\_run\_callback'

/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active\_support/callbacks.rb:385.in `\_\_run\_save\_callbacks'

/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active\_support/callbacks.rb:81.in `run\_callbacks'

/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active\_record/callbacks.rb:264.in `create\_or\_update'

/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active\_record/persistence.rb:84.in `save'

/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active\_record/validations.rb:50.in `save'

/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active\_record/attribute\_methods/dirty.rb:22.in `save'

/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active\_record/transactions.rb:241.in `block (2 levels) in save'

/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active\_record/transactions.rb:295.in `block in with\_transaction\_returning\_status'

/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active\_record/connection\_adapters/abstract/database\_statements.rb:192.in

`transaction'

/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active\_record/transactions.rb:208.in `transaction'

/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active\_record/transactions.rb:293.in `with\_transaction\_returning\_status'

/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active\_record/transactions.rb:241.in `block in save'

/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active\_record/transactions.rb:252.in `rollback\_active\_record\_state!'

/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active\_record/transactions.rb:240.in `save'

/usr/share/foreman/app/models/concerns/foreman/sti.rb:29.in `save\_with\_type'

/usr/share/foreman/app/controllers/hosts\_controller.rb:84.in `create'

/opt/rh/ruby193/root/usr/share/gems/gems/actionpack-3.2.8/lib/action\_controller/metal/implicit\_render.rb:4.in `send\_action'

/opt/rh/ruby193/root/usr/share/gems/gems/actionpack-3.2.8/lib/abstract\_controller/base.rb:167.in `process\_action'

/opt/rh/ruby193/root/usr/share/gems/gems/actionpack-3.2.8/lib/action\_controller/metal/rendering.rb:10.in `process\_action'

/opt/rh/ruby193/root/usr/share/gems/gems/actionpack-3.2.8/lib/abstract\_controller/callbacks.rb:18.in `block in process\_action'

/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active\_support/callbacks.rb:627.in `block (4 levels) in run

\_2142735281260475663\_process\_action\_2326221629229067714\_callbacks'

/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active\_support/callbacks.rb:215.in `block in conditional\_callback\_around\_7441'

/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active\_support/callbacks.rb:326.in `around'

/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active\_support/callbacks.rb:310.in `\_\_conditional\_callback\_around\_1633'

/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active\_support/callbacks.rb:214.in `\_\_conditional\_callback\_around\_7441'

/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active\_support/callbacks.rb:626.in `block (3 levels) in run

\_2142735281260475663\_process\_action\_2326221629229067714\_callbacks'

/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active\_support/callbacks.rb:215.in `block in conditional\_callback\_around\_7440'

/usr/share/foreman/app/controllers/concerns/application\_shared.rb:13.in `set\_timezone'

/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active\_support/callbacks.rb:214.in `\_\_conditional\_callback\_around\_7440'

/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active\_support/callbacks.rb:625.in `block (2 levels) in run

\_2142735281260475663\_process\_action\_2326221629229067714\_callbacks'

/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active\_support/callbacks.rb:215.in `block in conditional\_callback\_around\_7439'

/usr/share/foreman/app/models/concerns/foreman/thread\_session.rb:32.in `clear\_thread'

/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active\_support/callbacks.rb:214.in `\_\_conditional\_callback\_around\_7439'

/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active\_support/callbacks.rb:448.in `block in run

\_2142735281260475663\_process\_action\_2326221629229067714\_callbacks'

/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active\_support/callbacks.rb:215.in `block in conditional\_callback\_around\_7438'

/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active\_support/callbacks.rb:326.in `around'

/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active\_support/callbacks.rb:310:in `\_\_callback\_around\_13'  
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active\_support/callbacks.rb:214:in `conditional\_callback\_around\_7438'  
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active\_support/callbacks.rb:414:in `\_run\_2142735281260475663\_\_process\_action\_2326221629229067714\_\_callbacks'  
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active\_support/callbacks.rb:405:in `\_\_run\_callback'  
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active\_support/callbacks.rb:385:in `\_run\_process\_action\_callbacks'  
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active\_support/callbacks.rb:81:in `run\_callbacks'  
/opt/rh/ruby193/root/usr/share/gems/gems/actionpack-3.2.8/lib/abstract\_controller/callbacks.rb:17:in `process\_action'  
/opt/rh/ruby193/root/usr/share/gems/gems/actionpack-3.2.8/lib/action\_controller/metal/rescue.rb:29:in `process\_action'  
/opt/rh/ruby193/root/usr/share/gems/gems/actionpack-3.2.8/lib/action\_controller/metal/instrumentation.rb:30:in `block in process\_action'  
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active\_support/notifications.rb:123:in `block in instrument'  
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active\_support/notifications/instrumenter.rb:20:in `instrument'  
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active\_support/notifications.rb:123:in `instrument'  
/opt/rh/ruby193/root/usr/share/gems/gems/actionpack-3.2.8/lib/action\_controller/metal/instrumentation.rb:29:in `process\_action'  
/opt/rh/ruby193/root/usr/share/gems/gems/actionpack-3.2.8/lib/action\_controller/metal/params\_wrapper.rb:207:in `process\_action'  
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active\_record/railties/controller\_runtime.rb:18:in `process\_action'  
/opt/rh/ruby193/root/usr/share/gems/gems/actionpack-3.2.8/lib/abstract\_controller/base.rb:121:in `process'  
/opt/rh/ruby193/root/usr/share/gems/gems/actionpack-3.2.8/lib/abstract\_controller/rendering.rb:45:in `process'  
/opt/rh/ruby193/root/usr/share/gems/gems/actionpack-3.2.8/lib/action\_controller/metal.rb:203:in `dispatch'  
/opt/rh/ruby193/root/usr/share/gems/gems/actionpack-3.2.8/lib/action\_controller/metal/rack\_delegation.rb:14:in `dispatch'  
/opt/rh/ruby193/root/usr/share/gems/gems/actionpack-3.2.8/lib/action\_controller/metal.rb:246:in `block in action'  
/opt/rh/ruby193/root/usr/share/gems/gems/actionpack-3.2.8/lib/action\_dispatch/routing/route\_set.rb:73:in `call'  
/opt/rh/ruby193/root/usr/share/gems/gems/actionpack-3.2.8/lib/action\_dispatch/routing/route\_set.rb:73:in `dispatch'  
/opt/rh/ruby193/root/usr/share/gems/gems/action\_dispatch/routing/route\_set.rb:36:in `call'  
/opt/rh/ruby193/root/usr/share/gems/gems/journey-1.0.4/lib/journey/router.rb:68:in `block in call'  
/opt/rh/ruby193/root/usr/share/gems/gems/journey-1.0.4/lib/journey/router.rb:56:in `each'  
/opt/rh/ruby193/root/usr/share/gems/gems/journey-1.0.4/lib/journey/router.rb:56:in `call'  
/opt/rh/ruby193/root/usr/share/gems/gems/actionpack-3.2.8/lib/action\_dispatch/routing/route\_set.rb:600:in `call'  
/opt/rh/ruby193/root/usr/share/gems/gems/apiie-rails-0.2.6/lib/apiie/static\_dispatcher.rb:65:in `call'  
/opt/rh/ruby193/root/usr/share/gems/gems/apiie-rails-0.2.6/lib/apiie/extractor/recorder.rb:97:in `call'  
/opt/rh/ruby193/root/usr/share/gems/gems/apiie-rails-0.2.6/lib/apiie/middleware/checksum\_in\_headers.rb:27:in `call'  
/opt/rh/ruby193/root/usr/share/gems/gems/actionpack-3.2.8/lib/action\_dispatch/middleware/best\_standards\_support.rb:17:in `call'  
/opt/rh/ruby193/root/usr/share/gems/gems/rack-1.4.1/lib/rack/etag.rb:23:in `call'  
/opt/rh/ruby193/root/usr/share/gems/gems/rack-1.4.1/lib/rack/conditionalget.rb:35:in `call'  
/opt/rh/ruby193/root/usr/share/gems/gems/actionpack-3.2.8/lib/action\_dispatch/middleware/head.rb:14:in `call'  
/opt/rh/ruby193/root/usr/share/gems/gems/actionpack-3.2.8/lib/action\_dispatch/middleware/params\_parser.rb:21:in `call'  
/usr/share/foreman/lib/middleware/catch\_json\_parse\_errors.rb:9:in `call'  
/opt/rh/ruby193/root/usr/share/gems/gems/actionpack-3.2.8/lib/action\_dispatch/middleware/flash.rb:242:in `call'  
/opt/rh/ruby193/root/usr/share/gems/gems/rack-1.4.1/lib/rack/session/abstract/id.rb:205:in `context'  
/opt/rh/ruby193/root/usr/share/gems/gems/rack-1.4.1/lib/rack/session/abstract/id.rb:200:in `call'  
/opt/rh/ruby193/root/usr/share/gems/gems/actionpack-3.2.8/lib/action\_dispatch/middleware/cookies.rb:339:in `call'  
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active\_record/query\_cache.rb:64:in `call'  
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active\_record/connection\_adapters/abstract/connection\_pool.rb:473:in `call'  
/opt/rh/ruby193/root/usr/share/gems/gems/actionpack-3.2.8/lib/action\_dispatch/middleware/callbacks.rb:28:in `block in call'  
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active\_support/callbacks.rb:405:in  
`\_run\_2595123461182137500\_\_call\_3566245033051328600\_\_callbacks'  
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active\_support/callbacks.rb:405:in `\_\_run\_callback'  
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active\_support/callbacks.rb:385:in `\_run\_call\_callbacks'  
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active\_support/callbacks.rb:81:in `run\_callbacks'  
/opt/rh/ruby193/root/usr/share/gems/gems/actionpack-3.2.8/lib/action\_dispatch/middleware/callbacks.rb:27:in `call'  
/opt/rh/ruby193/root/usr/share/gems/gems/actionpack-3.2.8/lib/action\_dispatch/middleware/remote\_ip.rb:31:in `call'  
/opt/rh/ruby193/root/usr/share/gems/gems/actionpack-3.2.8/lib/action\_dispatch/middleware/debug\_exceptions.rb:16:in `call'  
/opt/rh/ruby193/root/usr/share/gems/gems/actionpack-3.2.8/lib/action\_dispatch/middleware/show\_exceptions.rb:56:in `call'  
/opt/rh/ruby193/root/usr/share/gems/gems/railties-3.2.8/lib/rails/rack/logger.rb:26:in `call\_app'  
/opt/rh/ruby193/root/usr/share/gems/gems/railties-3.2.8/lib/rails/rack/logger.rb:16:in `call'  
/opt/rh/ruby193/root/usr/share/gems/gems/actionpack-3.2.8/lib/action\_dispatch/middleware/request\_id.rb:22:in `call'  
/opt/rh/ruby193/root/usr/share/gems/gems/rack-1.4.1/lib/rack/methodoverride.rb:21:in `call'  
/opt/rh/ruby193/root/usr/share/gems/gems/rack-1.4.1/lib/rack/runtime.rb:17:in `call'  
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active\_support/cache/strategy/local\_cache.rb:72:in `call'  
/opt/rh/ruby193/root/usr/share/gems/gems/rack-1.4.1/lib/rack/lock.rb:15:in `call'  
/opt/rh/ruby193/root/usr/share/gems/gems/actionpack-3.2.8/lib/action\_dispatch/middleware/static.rb:62:in `call'  
/opt/rh/ruby193/root/usr/share/gems/gems/rack-cache-1.2/lib/rack/cache/context.rb:136:in `forward'  
/opt/rh/ruby193/root/usr/share/gems/gems/rack-cache-1.2/lib/rack/cache/context.rb:143:in `pass'  
/opt/rh/ruby193/root/usr/share/gems/gems/rack-cache-1.2/lib/rack/cache/context.rb:155:in `invalidate'  
/opt/rh/ruby193/root/usr/share/gems/gems/rack-cache-1.2/lib/rack/cache/context.rb:71:in `call'  
/opt/rh/ruby193/root/usr/share/gems/gems/rack-cache-1.2/lib/rack/cache/context.rb:51:in `call'  
/opt/rh/ruby193/root/usr/share/gems/gems/railties-3.2.8/lib/rails/engine.rb:479:in `call'  
/opt/rh/ruby193/root/usr/share/gems/gems/railties-3.2.8/lib/rails/application.rb:223:in `call'  
/opt/rh/ruby193/root/usr/share/gems/gems/railties-3.2.8/lib/rails/railtie/configurable.rb:30:in `method\_missing'  
/opt/rh/ruby193/root/usr/share/gems/gems/rack-1.4.1/lib/rack/builder.rb:134:in `call'  
/opt/rh/ruby193/root/usr/share/gems/gems/rack-1.4.1/lib/rack/urlmap.rb:64:in `block in call'  
/opt/rh/ruby193/root/usr/share/gems/gems/rack-1.4.1/lib/rack/urlmap.rb:49:in `each'  
/opt/rh/ruby193/root/usr/share/gems/gems/rack-1.4.1/lib/rack/urlmap.rb:49:in `call'  
/usr/lib/ruby/gems/1.8/gems/passenger-4.0.18/lib/phusion\_passenger/rack/thread\_handler\_extension.rb:77:in `process\_request'  
/usr/lib/ruby/gems/1.8/gems/passenger-4.0.18/lib/phusion\_passenger/request\_handler/thread\_handler.rb:140:in `accept\_and\_process\_next\_request'

```

/usr/lib/ruby/gems/1.8/gems/passenger-4.0.18/lib/phusion_passenger/request_handler/thread_handler.rb:108:in `main_loop'
/usr/lib/ruby/gems/1.8/gems/passenger-4.0.18/lib/phusion_passenger/request_handler.rb:441:in `block (3 levels) in start_threads'
2015-07-26 09:39:24 [W] Rolling back due to a problem: [Create DHCP Settings for client1.domain.com 10 failed [#<Nic::Managed id: nil,
mac: "52:54:00:aa:03:13", ip: "192.168.101.30", type: "Nic::Managed", name: "client1.domain.com", host_id: nil, subnet_id: 1, domain_id: 1, attrs: {},
created_at: nil, updated_at: nil, provider: nil, username: nil, password: nil, virtual: false, link: true, identifier: "eth0", tag: "", attached_to: "", managed:
true, mode: "balance-rr", attached_devices: "", bond_options: "", primary: true, provision: true, compute_attributes: {}>.:set_dhcp]]
2015-07-26 09:39:24 [I] Failed to save: Create DHCP Settings for client1.domain.com task failed with the following error: ERF12-6899
[ProxyAPI::ProxyException]: Unable to set DHCP entry ([RestClient::BadRequest]: 400 Bad Request) for proxy
https://hadoopserver.domain.com:8443/dhcp
2015-07-26 09:39:24 [I] Rendered hosts/_progress.html.erb (0.2ms)
2015-07-26 09:39:24 [I] Rendered puppetclasses/_selectedClasses.html.erb (0.0ms)
2015-07-26 09:39:24 [I] Rendered puppetclasses/_classes_in_groups.html.erb (0.0ms)
2015-07-26 09:39:24 [I] Rendered puppetclasses/_classes.html.erb (0.0ms)
2015-07-26 09:39:24 [I] Rendered puppetclasses/_class_selection.html.erb (22.8ms)
2015-07-26 09:39:24 [I] Rendered nic/_base_form.html.erb (7.2ms)
2015-07-26 09:39:24 [I] Rendered nic/_virtual_form.html.erb (0.7ms)
2015-07-26 09:39:24 [I] Rendered nic/_provider_specific_form.html.erb (0.1ms)
2015-07-26 09:39:24 [I] Rendered nic/manageds/_managed.html.erb (9.0ms)
2015-07-26 09:39:24 [I] Rendered nic/_base_form.html.erb (5.3ms)
2015-07-26 09:39:24 [I] Rendered nic/_virtual_form.html.erb (0.6ms)
2015-07-26 09:39:24 [I] Rendered nic/_provider_specific_form.html.erb (0.0ms)
2015-07-26 09:39:24 [I] Rendered nic/manageds/_managed.html.erb (6.9ms)
2015-07-26 09:39:24 [I] Rendered hosts/_interfaces.html.erb (17.1ms)
2015-07-26 09:39:24 [I] Rendered common/os_selection/_architecture.html.erb (2.2ms)
2015-07-26 09:39:24 [I] Rendered common/os_selection/_operatingsystem.html.erb (4.4ms)
2015-07-26 09:39:24 [I] Rendered hosts/_operating_system.html.erb (9.9ms)
2015-07-26 09:39:24 [I] Rendered hosts/_unattended.html.erb (10.0ms)
2015-07-26 09:39:24 [I] Rendered puppetclasses/_class_parameters.html.erb (0.0ms)
2015-07-26 09:39:24 [I] Rendered puppetclasses/_classes_parameters.html.erb (4.4ms)
2015-07-26 09:39:24 [I] Rendered common_parameters/_inherited_parameters.html.erb (0.1ms)
2015-07-26 09:39:24 [I] Rendered common_parameters/_puppetclass_parameter.html.erb (1.5ms)
2015-07-26 09:39:24 [I] Rendered common_parameters/_puppetclasses_parameters.html.erb (2.2ms)
2015-07-26 09:39:24 [I] Rendered common_parameters/_parameter.html.erb (0.9ms)
2015-07-26 09:39:24 [I] Rendered common_parameters/_parameters.html.erb (1.9ms)
2015-07-26 09:39:24 [I] Rendered hosts/_form.html.erb (93.9ms)
2015-07-26 09:39:24 [I] Rendered hosts/new.html.erb within layouts/application (94.1ms)
2015-07-26 09:39:24 [I] Rendered home/_user_dropdown.html.erb (0.8ms)
2015-07-26 09:39:24 [I] Read fragment views/tabs_and_title_records-3 (0.1ms)
2015-07-26 09:39:24 [I] Rendered home/_topbar.html.erb (1.4ms)
2015-07-26 09:39:24 [I] Rendered layouts/base.html.erb (2.2ms)
2015-07-26 09:39:24 [I] Completed 200 OK in 501ms (Views: 88.3ms | ActiveRecord: 20.0ms)
2015-07-26 09:39:25 [I]

```

```

Started GET "/tasks/fdd3f6ee-e551-4dd0-a969-5e84e5cf3ca4" for 10.0.9.183 at 2015-07-26 09:39:25 +0400
2015-07-26 09:39:25 [I] Processing by TasksController#show as */*
2015-07-26 09:39:25 [I] Parameters: {"id"=>"fdd3f6ee-e551-4dd0-a969-5e84e5cf3ca4"}
2015-07-26 09:39:25 [I] Parameters: {"id"=>"fdd3f6ee-e551-4dd0-a969-5e84e5cf3ca4"}
2015-07-26 09:39:25 [I] Rendered tasks/_list.html.erb (0.2ms)
2015-07-26 09:39:25 [I] Completed 200 OK in 3ms (Views: 0.6ms | ActiveRecord: 0.5ms)

```

Also please find the /var/log/foreman-proxy/proxy.log below:-

```

D, [2015-07-26T09:39:23.955121 #7826] DEBUG -- : verifying remote client 10.0.9.183 against trusted_hosts
hadoopserver.domain.com192.168.101.1localhost
10.0.9.183 -- [26/Jul/2015 09:39:23] "GET /serverName HTTP/1.1" 200 30 0.0024
D, [2015-07-26T09:39:24.029008 #7826] DEBUG -- : verifying remote client 10.0.9.183 against trusted_hosts
hadoopserver.domain.com192.168.101.1localhost
D, [2015-07-26T09:39:24.030144 #7826] DEBUG -- : Reading config file /etc/dhcp/dhcpd.conf
D, [2015-07-26T09:39:24.030391 #7826] DEBUG -- : Reading config file /var/lib/dhcpd/dhcpd.leases
D, [2015-07-26T09:39:24.030613 #7826] DEBUG -- : Loading subnets for 127.0.0.1
E, [2015-07-26T09:39:24.030926 #7826] ERROR -- : Subnet 192.168.101.0 not found
10.0.9.183 -- [26/Jul/2015 09:39:24] "GET /192.168.101.0/192.168.101.30 HTTP/1.1" 404 30 0.0025
D, [2015-07-26T09:39:24.252646 #7826] DEBUG -- : verifying remote client 10.0.9.183 against trusted_hosts
hadoopserver.domain.com192.168.101.1localhost
D, [2015-07-26T09:39:24.253106 #7826] DEBUG -- : Reading config file /etc/dhcp/dhcpd.conf
D, [2015-07-26T09:39:24.253382 #7826] DEBUG -- : Reading config file /var/lib/dhcpd/dhcpd.leases
D, [2015-07-26T09:39:24.253603 #7826] DEBUG -- : Loading subnets for 127.0.0.1
E, [2015-07-26T09:39:24.254004 #7826] ERROR -- : No Subnet detected for: "192.168.101.0"
D, [2015-07-26T09:39:24.254102 #7826] DEBUG -- : /usr/share/foreman-proxy/modules/dhcp/server.rb:111:in `addRecord'
/usr/share/foreman-proxy/modules/dhcp/providers/server/isc.rb:32:in `addRecord'
/usr/share/foreman-proxy/modules/dhcp/dhcp_api.rb:96:in `POST /:network'
/usr/lib/ruby/gems/1.8/gems/sinatra-1.0/lib/sinatra/base.rb:863:in `call'
/usr/lib/ruby/gems/1.8/gems/sinatra-1.0/lib/sinatra/base.rb:863:in `route'

```

```
/usr/lib/ruby/gems/1.8/gems/sinatra-1.0/lib/sinatra/base.rb:521:in `instance_eval'  
/usr/lib/ruby/gems/1.8/gems/sinatra-1.0/lib/sinatra/base.rb:521:in `route_eval'  
/usr/lib/ruby/gems/1.8/gems/sinatra-1.0/lib/sinatra/base.rb:500:in `route!'  
/usr/lib/ruby/gems/1.8/gems/sinatra-1.0/lib/sinatra/base.rb:497:in `catch'  
/usr/lib/ruby/gems/1.8/gems/sinatra-1.0/lib/sinatra/base.rb:497:in `route!'  
/usr/lib/ruby/gems/1.8/gems/sinatra-1.0/lib/sinatra/base.rb:476:in `each'  
/usr/lib/ruby/gems/1.8/gems/sinatra-1.0/lib/sinatra/base.rb:476:in `route!'  
/usr/lib/ruby/gems/1.8/gems/sinatra-1.0/lib/sinatra/base.rb:601:in `dispatch!'  
/usr/lib/ruby/gems/1.8/gems/sinatra-1.0/lib/sinatra/base.rb:411:in `call!'  
/usr/lib/ruby/gems/1.8/gems/sinatra-1.0/lib/sinatra/base.rb:566:in `instance_eval'  
/usr/lib/ruby/gems/1.8/gems/sinatra-1.0/lib/sinatra/base.rb:566:in `invoke'  
/usr/lib/ruby/gems/1.8/gems/sinatra-1.0/lib/sinatra/base.rb:566:in `catch'  
/usr/lib/ruby/gems/1.8/gems/sinatra-1.0/lib/sinatra/base.rb:566:in `invoke'  
/usr/lib/ruby/gems/1.8/gems/sinatra-1.0/lib/sinatra/base.rb:411:in `call!'  
/usr/lib/ruby/gems/1.8/gems/sinatra-1.0/lib/sinatra/base.rb:399:in `call'  
/usr/lib/ruby/gems/1.8/gems/rack-1.1.0/lib/rack/methodoverride.rb:24:in `call'  
/usr/lib/ruby/gems/1.8/gems/rack-1.1.0/lib/rack/commonlogger.rb:18:in `call'  
/usr/share/foreman-proxy/lib/proxy/log.rb:35:in `call'  
/usr/lib/ruby/gems/1.8/gems/rack-1.1.0/lib/rack/showexceptions.rb:24:in `call'  
/usr/lib/ruby/gems/1.8/gems/sinatra-1.0/lib/sinatra/base.rb:979:in `call'  
/usr/lib/ruby/gems/1.8/gems/sinatra-1.0/lib/sinatra/base.rb:1005:in `synchronize'  
/usr/lib/ruby/gems/1.8/gems/sinatra-1.0/lib/sinatra/base.rb:979:in `call'  
/usr/lib/ruby/gems/1.8/gems/rack-1.1.0/lib/rack/urlmap.rb:47:in `call'  
/usr/lib/ruby/gems/1.8/gems/rack-1.1.0/lib/rack/urlmap.rb:41:in `each'  
/usr/lib/ruby/gems/1.8/gems/rack-1.1.0/lib/rack/urlmap.rb:41:in `call'  
/usr/lib/ruby/gems/1.8/gems/rack-1.1.0/lib/rack/builder.rb:77:in `call'  
/usr/lib/ruby/gems/1.8/gems/rack-1.1.0/lib/rack/content_length.rb:13:in `call'  
/usr/lib/ruby/gems/1.8/gems/rack-1.1.0/lib/rack/handler/webrick.rb:48:in `service'  
/usr/lib/ruby/1.8/webrick/httpserver.rb:104:in `service'  
/usr/lib/ruby/1.8/webrick/httpserver.rb:65:in `run'  
/usr/lib/ruby/1.8/webrick/server.rb:173:in `start_thread'  
/usr/lib/ruby/1.8/webrick/server.rb:162:in `start'  
/usr/lib/ruby/1.8/webrick/server.rb:162:in `start_thread'  
/usr/lib/ruby/1.8/webrick/server.rb:95:in `start'  
/usr/lib/ruby/1.8/webrick/server.rb:92:in `each'  
/usr/lib/ruby/1.8/webrick/server.rb:92:in `start'  
/usr/lib/ruby/1.8/webrick/server.rb:23:in `start'  
/usr/lib/ruby/1.8/webrick/server.rb:82:in `start'  
/usr/lib/ruby/gems/1.8/gems/rack-1.1.0/lib/rack/handler/webrick.rb:14:in `run'  
/usr/lib/ruby/gems/1.8/gems/rack-1.1.0/lib/rack/server.rb:155:in `start'  
/usr/share/foreman-proxy/lib/smart_proxy.rb:136:in `launch'  
/usr/share/foreman-proxy/lib/smart_proxy.rb:136:in `initialize'  
/usr/share/foreman-proxy/lib/smart_proxy.rb:136:in `new'  
/usr/share/foreman-proxy/lib/smart_proxy.rb:136:in `launch'  
/usr/share/foreman-proxy/bin/smart-proxy:6  
10.0.9.183 - - [26/Jul/2015 09:39:24] "POST /192.168.101.0 HTTP/1.1" 400 39 0.0021
```

#### #6 - 07/26/2015 04:10 AM - shads ap

Addition to the above update ++++++

Since the IP was not getting generated and were not allowed to proceed without an IP, we tried giving the IP "192.168.101.30" manually.

#### #7 - 07/27/2015 04:27 AM - Dominic Cleal

Can you share your dhcpd configuration? "No Subnet detected for: "192.168.101.0" " suggests that perhaps that subnet isn't configured.

#### #8 - 07/28/2015 01:19 AM - shads ap

Hi Dominic,

Please see the configuration below:- (Our first post included this configuration file)

=====

```
[root@hadoopserver ~]# cat /etc/dhcp/dhcpd.conf  
ddns-update-style interim;  
ignore client-updates;  
authoritative;  
allow booting;  
allow bootp;  
  
omapi-port 7911;  
key omapi_key {  
algorithm HMAC-MD5;
```

```
secret "eiflm5CVYvb5a+3P2CXvRYVjvA3Gyy2b6BR3s5A7vyiq+IDocMwkohciOEcy/tfKqznmcO/cfHBBD+deJDeIQ==";
}
omapi-key omapi_key;

subnet 192.168.101.0 netmask 255.255.255.0 {
range 192.168.101.20 192.168.101.252;
option log-servers syslog;
filename "pxelinux.0";
next-server 192.168.101.1;
default-lease-time 21600;
max-lease-time 43200;
}
```

```
=====  
[root@hadoopserver settings.d]# pwd  
/etc/foreman-proxy/settings.d  
[root@hadoopserver settings.d]# ls -lKomapi*  
-rw----- 1 foreman-proxy foreman-proxy 118 Jul 14 12:10 Komapi_key.+157+55117.key  
-rw----- 1 foreman-proxy foreman-proxy 229 Jul 14 12:10 Komapi_key.+157+55117.private =====
```

**#9 - 07/28/2015 01:25 AM - shads ap**

Just to add to the above comment:

The iptables is all flushed for testing purpose.

Foreman is installed on 10.0.9.x range. It is also available from 192.168.101.x network range.  
The virtual machines(which should be the host KVM servers) are to be provisioned inside 192.168.101.x network range.

**#10 - 07/28/2015 01:58 AM - shads ap**

```
[root@hadoopserver settings.d]# route -n  
Kernel IP routing table  
Destination Gateway Genmask Flags Metric Ref Use Iface  
192.168.101.0 0.0.0.0 255.255.255.0 U 0 0 0 virbr1  
10.0.9.0 0.0.0.0 255.255.255.0 U 0 0 0 em1  
192.168.122.0 0.0.0.0 255.255.255.0 U 0 0 0 virbr0  
169.254.0.0 0.0.0.0 255.255.0.0 U 1002 0 0 em1  
0.0.0.0 10.0.9.1 0.0.0.0 UG 0 0 0 em1
```

**#11 - 07/28/2015 03:22 AM - Dominic Cleal**

It looks like you need to add 192.168.101.0/255.255.255.0 to this config line, then restart foreman-proxy:

```
:dhcp_subnets: [192.168.101.20/255.255.255.0, 192.168.101.252/255.255.255.0]
```

**#12 - 02/29/2016 09:24 AM - Dominic Cleal**

- Status changed from Need more information to Resolved

**Files**

File Name	Size	Created	Owner
Domains.png	33.5 KB	07/23/2015	shads ap
Smart-proxy.png	35.9 KB	07/23/2015	shads ap
Proxies.png	50.1 KB	07/23/2015	shads ap
Subnets.png	83.6 KB	07/23/2015	shads ap