

## Smart Proxy - Support #17790

### Smart Proxy ERF12-2600 [ProxyAPI::ProxyException]: Unable to retrieve DHCP subnets ([RestClient::ResourceNotFound]: 404 Resource Not Found) for proxy

12/19/2016 06:40 PM - Alex Brodov

|                           |          |                                  |
|---------------------------|----------|----------------------------------|
| <b>Status:</b>            | Resolved |                                  |
| <b>Priority:</b>          | Normal   |                                  |
| <b>Assignee:</b>          |          |                                  |
| <b>Category:</b>          | DHCP     |                                  |
| <b>Target version:</b>    |          |                                  |
| <b>Triaged:</b>           |          | <b>Found in Releases:</b> 1.13.2 |
| <b>Fixed in Releases:</b> |          |                                  |

#### Description

Hi Team,

We're facing some issues with smart proxy, no hosts can be added due to this issue.

We have Foreman running on Linux, Smart proxy running on Win server 2012, with DHCP, and DNS.

We're using Foreman 1.13.2, Smart Proxy: 1.13.0.

Currently, I have one subnet configured, 1 host group, one installation media.

When i'm creating a new host with one interface (VMware), and trying to pull down the IP from the DHCP { using the "Suggest New" button), i'm getting an error:

```
Failed to fetch a free IP from proxy uslabdns1.mydomain.com (https://uslabdns1.mydomain.com:8443):
ERF12-8202 [ProxyAPI::ProxyException]: Unable to retrieve unused IP ([RestClient::ResourceNotFoun
d]: 404 Resource Not Found) for proxy https://uslabdns1.mydomain.com:8443/dhcp
```

Below are the logs from Smart Proxy:

```
[2016-12-19T16:19:54.925776 #1288] DEBUG -- : verifying remote client 172.29.20.226 against trustee
d_hosts ["do-foreman.ops.mydomain.com", "alex-local-dev.ops.mydomain.com", "172.29.20.226", "uslab
dns1.mydomain.com"]
I, [2016-12-19T16:19:54.925776 #1288] INFO -- : 172.29.20.226 - - [19/Dec/2016 16:19:54] "GET /lo
gs/?from_timestamp=0 HTTP/1.1" 200 12406 0.0000

D, [2016-12-19T16:19:54.972652 #1288] DEBUG -- : close: 172.29.20.226:35933
D, [2016-12-19T16:19:55.191402 #1288] DEBUG -- : accept: 172.29.20.226:35934
D, [2016-12-19T16:19:55.191402 #1288] DEBUG -- : Rack::Handler::WEBrick is invoked.
I, [2016-12-19T16:19:55.191402 #1288] INFO -- : 172.29.20.226 - - [19/Dec/2016 16:19:55] "GET /ve
rsion HTTP/1.1" 200 79 0.0000

D, [2016-12-19T16:19:55.253902 #1288] DEBUG -- : close: 172.29.20.226:35934
D, [2016-12-19T16:20:16.582069 #1288] DEBUG -- : accept: 172.29.20.226:35935
D, [2016-12-19T16:20:16.597694 #1288] DEBUG -- : Rack::Handler::WEBrick is invoked.
I, [2016-12-19T16:20:16.597694 #1288] INFO -- : 172.29.20.226 - - [19/Dec/2016 16:20:16] "GET /dh
cp HTTP/1.1" 404 591 0.0000

D, [2016-12-19T16:20:16.644569 #1288] DEBUG -- : close: 172.29.20.226:35935
```

The Smart Proxy config file:

```
:ssl_certificate: C:\smart-proxy-1.13.0\ssl\temp\certs\uslabdns1.corp.mydomain.com.pem
:ssl_ca_file: C:\smart-proxy-1.13.0\ssl\temp\certs\ca.pem
:ssl_private_key: C:\smart-proxy-1.13.0\ssl\temp\private_keys\uslabdns1.mydomain.com.pem

:trusted_hosts:
- do-foreman.ops.mydomain.com
- alex-local-dev.ops.mydomain.com
```

```
- uslabdns1.mydomain.com
:bind_host: '0.0.0.0'
:http_port: 8000
:https_port: 8443
:log_file: 'C:\smart-proxy.log'
:log_level: DEBUG
```

If I'm doing the same rest calls manually to Foreman using CURL (port 8000, insecure) I'm getting the response.

Below is part of the foreman log after clicking the button (sending the request)

```
tail -F /var/log/foreman/production.log
2016-12-19 23:37:14 78657dd8 [app] [I] Started POST "/subnets/freeip" for 10.10.40.2 at 2016-12-19
23:37:14 +0000
2016-12-19 23:37:14 78657dd8 [app] [I] Processing by SubnetsController#freeip as JSON
2016-12-19 23:37:14 78657dd8 [app] [I] Parameters: {"subnet_id"=>"2", "host_mac"=>"", "taken_ips
"=>["", ""]}
2016-12-19 23:37:14 78657dd8 [app] [W] Can't verify CSRF token authenticity
2016-12-19 23:37:14 78657dd8 [app] [W] Action failed
| Foreman::Exception: ERF42-4995 [Foreman::Exception]: Invalid authenticity token
| /usr/share/foreman/app/controllers/application_controller.rb:393:in `handle_unverified_request'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_controller/metal/requ
est_forgery_protection.rb:204:in `verify_authenticity_token'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/activestorage-4.2.5.1/lib/active_storage/callbacks.
rb:432:in `block in make_lambda'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/activestorage-4.2.5.1/lib/active_storage/callbacks.
rb:164:in `call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/activestorage-4.2.5.1/lib/active_storage/callbacks.
rb:164:in `block in halting'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/activestorage-4.2.5.1/lib/active_storage/callbacks.
rb:504:in `call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/activestorage-4.2.5.1/lib/active_storage/callbacks.
rb:504:in `block in call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/activestorage-4.2.5.1/lib/active_storage/callbacks.
rb:504:in `each'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/activestorage-4.2.5.1/lib/active_storage/callbacks.
rb:504:in `call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/activestorage-4.2.5.1/lib/active_storage/callbacks.
rb:92:in `__run_callbacks__'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/activestorage-4.2.5.1/lib/active_storage/callbacks.
rb:778:in `_run_process_action_callbacks'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/activestorage-4.2.5.1/lib/active_storage/callbacks.
rb:81:in `run_callbacks'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/abstract_controller/callbacks.
rb:19:in `process_action'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_controller/metal/resc
ue.rb:29:in `process_action'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_controller/metal/inst
rumentation.rb:32:in `block in process_action'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/activestorage-4.2.5.1/lib/active_storage/notifycati
ons.rb:164:in `block in instrument'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/activestorage-4.2.5.1/lib/active_storage/notifycati
ons/instrumenter.rb:20:in `instrument'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/activestorage-4.2.5.1/lib/active_storage/notifycati
ons.rb:164:in `instrument'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_controller/metal/inst
rumentation.rb:30:in `process_action'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_controller/metal/para
ms_wrapper.rb:250:in `process_action'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/railties/con
troller_runtime.rb:18:in `process_action'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/abstract_controller/base.rb:
137:in `process'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionview-4.2.5.1/lib/action_view/rendering.rb:30:
in `process'
```

```
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_controller/metal.rb:1
96:in `dispatch'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_controller/metal/rack
_delegation.rb:13:in `dispatch'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_controller/metal.rb:2
37:in `block in action'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_dispatch/routing/rout
e_set.rb:74:in `call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_dispatch/routing/rout
e_set.rb:74:in `dispatch'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_dispatch/routing/rout
e_set.rb:43:in `serve'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_dispatch/journey/rout
er.rb:43:in `block in serve'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_dispatch/journey/rout
er.rb:30:in `each'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_dispatch/journey/rout
er.rb:30:in `serve'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_dispatch/routing/rout
e_set.rb:815:in `call'
| /opt/theforeman/tfm/root/usr/share/gems/gems/apipie-rails-0.3.6/lib/apipie/static_dispatcher.rb
:65:in `call'
| /opt/theforeman/tfm/root/usr/share/gems/gems/apipie-rails-0.3.6/lib/apipie/extractor/recorder.r
b:132:in `call'
| /opt/theforeman/tfm/root/usr/share/gems/gems/apipie-rails-0.3.6/lib/apipie/middleware/checksum_
in_headers.rb:27:in `call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/rack-1.6.2/lib/rack/etag.rb:24:in `call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/rack-1.6.2/lib/rack/conditionalget.rb:38:in `call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/rack-1.6.2/lib/rack/head.rb:13:in `call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_dispatch/middleware/p
arams_parser.rb:27:in `call'
| /usr/share/foreman/lib/middleware/catch_json_parse_errors.rb:9:in `call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_dispatch/middleware/f
lash.rb:260:in `call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/rack-1.6.2/lib/rack/session/abstract/id.rb:225:in `
context'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/rack-1.6.2/lib/rack/session/abstract/id.rb:220:in `
call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_dispatch/middleware/c
ookies.rb:560:in `call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/query_cache.
rb:36:in `call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/connection_a
dapters/abstract/connection_pool.rb:653:in `call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_dispatch/middleware/c
allbacks.rb:29:in `block in call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/activesupport-4.2.5.1/lib/active_support/callbacks.
rb:88:in `__run_callbacks__'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/activesupport-4.2.5.1/lib/active_support/callbacks.
rb:778:in `_run_call_callbacks'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/activesupport-4.2.5.1/lib/active_support/callbacks.
rb:81:in `run_callbacks'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_dispatch/middleware/c
allbacks.rb:27:in `call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_dispatch/middleware/r
emote_ip.rb:78:in `call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_dispatch/middleware/d
ebug_exceptions.rb:17:in `call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_dispatch/middleware/s
how_exceptions.rb:30:in `call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/railties-4.2.5.1/lib/rails/rack/logger.rb:38:in `ca
ll_app'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/railties-4.2.5.1/lib/rails/rack/logger.rb:22:in `ca
ll'
| /usr/share/foreman/lib/middleware/tagged_logging.rb:18:in `call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_dispatch/middleware/r
equest_id.rb:21:in `call'
```

```
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/rack-1.6.2/lib/rack/methodoverride.rb:22:in `call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/rack-1.6.2/lib/rack/runtime.rb:18:in `call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/activesupport-4.2.5.1/lib/active_support/cache/strategy/local_cache_middleware.rb:28:in `call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_dispatch/middleware/static.rb:116:in `call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/rack-1.6.2/lib/rack/sendfile.rb:113:in `call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/railties-4.2.5.1/lib/rails/engine.rb:518:in `call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/railties-4.2.5.1/lib/rails/application.rb:165:in `call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/railties-4.2.5.1/lib/rails/railtie.rb:194:in `public_send'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/railties-4.2.5.1/lib/rails/railtie.rb:194:in `method_missing'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/rack-1.6.2/lib/rack/urlmap.rb:66:in `block in call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/rack-1.6.2/lib/rack/urlmap.rb:50:in `each'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/rack-1.6.2/lib/rack/urlmap.rb:50:in `call'
| /usr/share/passenger/phusion_passenger/rack/thread_handler_extension.rb:74:in `process_request'
| /usr/share/passenger/phusion_passenger/request_handler/thread_handler.rb:141:in `accept_and_process_next_request'
| /usr/share/passenger/phusion_passenger/request_handler/thread_handler.rb:109:in `main_loop'
| /usr/share/passenger/phusion_passenger/request_handler/thread_handler.rb:455:in `block (3 levels) in start_threads'
| /opt/theforeman/tfm/root/usr/share/gems/gems/logging-1.8.2/lib/logging/diagnostic_context.rb:323:in `call'
| /opt/theforeman/tfm/root/usr/share/gems/gems/logging-1.8.2/lib/logging/diagnostic_context.rb:323:in `block in create_with_logging_context'
2016-12-19 23:37:14 78657dd8 [app] [I] Rendered common/500.html.erb (4.5ms)
2016-12-19 23:37:14 78657dd8 [app] [I] Completed 500 Internal Server Error in 7ms (Views: 5.0ms | ActiveRecord: 0.3ms)
```

## History

### #1 - 12/19/2016 07:20 PM - Alex Brodov

- Description updated

...

### #2 - 12/19/2016 07:21 PM - Alex Brodov

- Description updated

### #3 - 12/20/2016 03:18 AM - Dominic Cleal

- Tracker changed from Bug to Support

- Priority changed from Urgent to Normal

1. Can you restart the smart proxy and include the whole log file? The startup may show that the DHCP module failed to load or similar.

2. The config/settings.d/dhcp.yml config file is important too, please include it.

Please note that generally support queries should be sent to the mailing list or use IRC, this is only a bug tracker.

### #4 - 12/20/2016 11:46 AM - Alex Brodov

- File dhcp.yml added

- File smart-proxy.log added

Dominic Cleal wrote:

1. Can you restart the smart proxy and include the whole log file? The startup may show that the DHCP module failed to load or similar.

2. The config/settings.d/dhcp.yml config file is important too, please include it.

Please note that generally support queries should be sent to the mailing list or use IRC, this is only a bug tracker.

Attached is the smart-proxy.log and the dhcp.yml config

Please note that i'm able to perform the same query thay Foreman is trying via HTTP (port 8000 non-secure).  
Via HTTPS (port 8443 secure) i'm able to see all the fetures (E.G GET smart-proxy.mydomain.com/fetures:8000)

**#5 - 12/20/2016 11:47 AM - Alex Brodov**

Alex Brodov wrote:

Dominic Cleal wrote:

1. Can you restart the smart proxy and include the whole log file? The startup may show that the DHCP module failed to load or similar.
2. The config/settings.d/dhcp.yml config file is important too, please include it.

Please note that generally support queries should be sent to the mailing list or use IRC, this is only a bug tracker.

Attached is the smart-proxy.log and the dhcp.yml config

Please note that i'm able to perform the same query that Foreman is trying via HTTP (port 8000 non-secure).  
Via HTTPS (port 8443 secure) i'm able to see all the fetures (E.G GET smart-proxy.mydomain.com/fetures:8000)

**#6 - 12/21/2016 03:21 AM - Dominic Cleal**

- Status changed from New to Feedback

dhcp.yml has enabled set to "http" (HTTP only), change it to either "https" or "true" to enable it on HTTPS as well as HTTP. The Foreman log shows that it's using an HTTPS URL.

See <https://theforeman.org/manuals/1.13/index.html#4.3.2SmartProxySettings> for more information.

**#7 - 05/17/2017 11:46 AM - Anonymous**

- Status changed from Feedback to Resolved

**Files**

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|                 |           |            |             |
|-----------------|-----------|------------|-------------|
| dhcp.yml        | 466 Bytes | 12/20/2016 | Alex Brodov |
| smart-proxy.log | 8.38 KB   | 12/20/2016 | Alex Brodov |