

Installer - Bug #7365

Intermittent smart proxy duplicate registration error on Ubuntu 14.04

09/05/2014 06:56 AM - Dominic Cleal

Status: Rejected	
Priority: Normal	
Assignee:	
Category: Foreman modules	
Target version:	
Difficulty:	Fixed in Releases:
Triaged:	Found in Releases:
Bugzilla link:	Red Hat JIRA:
Pull request:	
Description	
<p>Intermittently, our tests on Ubuntu 14.04 (trusty) are failing as they attempt to register a smart proxy that has already been created.</p>	
<pre># [INFO 2014-09-04 06:02:58 verbose] E, [2014-09-04T06:02:58.392155 #6554] ERROR -- : 422 Unprocessable Entity # [INFO 2014-09-04 06:02:58 verbose] { # [INFO 2014-09-04 06:02:58 verbose] "error" => { # [INFO 2014-09-04 06:02:58 verbose] "id" => nil, # [INFO 2014-09-04 06:02:58 verbose] "errors" => { # [INFO 2014-09-04 06:02:58 verbose] "name" => [# [INFO 2014-09-04 06:02:58 verbose] [0] "has already been taken" # [INFO 2014-09-04 06:02:58 verbose]], # [INFO 2014-09-04 06:02:58 verbose] "url" => [# [INFO 2014-09-04 06:02:58 verbose] [0] "Only one declaration of a proxy is allowed" # [INFO 2014-09-04 06:02:58 verbose]] # [INFO 2014-09-04 06:02:58 verbose] }, # [INFO 2014-09-04 06:02:58 verbose] "full_messages" => [# [INFO 2014-09-04 06:02:58 verbose] [0] "Name has already been taken", # [INFO 2014-09-04 06:02:58 verbose] [1] "URL Only one declaration of a proxy is allowed" # [INFO 2014-09-04 06:02:58 verbose]] # [INFO 2014-09-04 06:02:58 verbose] } # [INFO 2014-09-04 06:02:58 verbose] } # [ERROR 2014-09-04 06:02:58 verbose] Could not set 'present' on ensure: 422 Unprocessable Entity # [INFO 2014-09-04 06:02:58 verbose] /usr/share/foreman-installer/modules/foreman_proxy/manifests/register.pp # [INFO 2014-09-04 06:02:58 verbose] /usr/lib/ruby/vendor_ruby/restclient/abstract_response.rb:48:in `return!' # [INFO 2014-09-04 06:02:58 verbose] /usr/lib/ruby/vendor_ruby/restclient/request.rb:230:in `process_result' # [INFO 2014-09-04 06:02:58 verbose] /usr/lib/ruby/vendor_ruby/restclient/request.rb:178:in `block in transmit' # [INFO 2014-09-04 06:02:58 verbose] /usr/lib/ruby/1.9.1/net/http.rb:746:in `start' # [INFO 2014-09-04 06:02:58 verbose] /usr/lib/ruby/vendor_ruby/restclient/request.rb:172:in `transmit' # [INFO 2014-09-04 06:02:58 verbose] /usr/lib/ruby/vendor_ruby/restclient/request.rb:64:in `execute' # [INFO 2014-09-04 06:02:58 verbose] /usr/lib/ruby/vendor_ruby/restclient/request.rb:33:in `execute' # [INFO 2014-09-04 06:02:58 verbose] /usr/lib/ruby/vendor_ruby/restclient/resource.rb:67:in `post' # [INFO 2014-09-04 06:02:58 verbose] /usr/lib/ruby/vendor_ruby/apipie_bindings/api.rb:195:in `http_call' # [INFO 2014-09-04 06:02:58 verbose] /usr/lib/ruby/vendor_ruby/apipie_bindings/api.rb:151:in `call' # [INFO 2014-09-04 06:02:58 verbose] /usr/lib/ruby/vendor_ruby/apipie_bindings/resource.rb:14:in `call'</pre>	

```
# [ INFO 2014-09-04 06:02:58 verbose] /usr/share/foreman-installer/modules/foreman/lib/puppet/provider/foreman_smartproxy/rest_v2.rb:44:in `create'
```

Logs show that the proxy was created:

```
Started POST "/api/smart_proxies" for 2001:4800:7812:514:be76:4eff:fe04:ad70 at 2014-09-04 05:56:32 +0000
Processing by Api::V2::SmartProxiesController#create as JSON
Parameters: {"name"=>"foreman-trusty.example.com", "url"=>"https://foreman-trusty.example.com:8443", "apiv"=>"v2", "smart_proxy"=>{"name"=>"foreman-trusty.example.com", "url"=>"https://foreman-trusty.example.com:8443"}}
Authorized user foreman_api_admin(API Admin)
Completed 201 Created in 402.1ms (Views: 8.0ms | ActiveRecord: 0.0ms)
```

However subsequent re-evaluations of the resource, or even evaluating properties which look up the smart proxy ID from the API fail to see that it's already there. When they attempt to recreate it, a Rails validation correctly identifies the duplicate.

```
Started POST "/api/smart_proxies" for 2001:4800:7812:514:be76:4eff:fe04:ad70 at 2014-09-04 05:57:22 +0000
Processing by Api::V2::SmartProxiesController#create as JSON
Parameters: {"name"=>"foreman-trusty.example.com", "url"=>"https://foreman-trusty.example.com:8443", "apiv"=>"v2", "smart_proxy"=>{"name"=>"foreman-trusty.example.com", "url"=>"https://foreman-trusty.example.com:8443"}}
Authorized user foreman_api_admin(API Admin)
Unprocessable entity SmartProxy (id: new):
Name has already been taken
URL Only one declaration of a proxy is allowed

Rendered api/v2/errors/unprocessable_entity.json.rabl within api/v2/layouts/error_layout (2.3ms)
Completed 422 Unprocessable Entity in 910.5ms (Views: 5.4ms | ActiveRecord: 1.8ms)
```

When refreshing the resource, you get errors such as:

```
# [ERROR 2014-09-04 05:56:33 verbose] /Stage[main]/Foreman_proxy::Register/Foreman_smartproxy[foreman-trusty.example.com]: Failed to call refresh: missing param 'id' in parameters
```

Because the ID can't be resolved for the existing proxy.

Related issues:

Blocked by Installer - Feature #5838: Add parameter to toggle debug logging

Closed

05/20/2014

History

#1 - 09/05/2014 06:58 AM - Dominic Cleal

- Blocked by Feature #5838: Add parameter to toggle debug logging added

#2 - 09/05/2014 07:00 AM - Dominic Cleal

My suspicion is that either:

- the API index call isn't returning the smart proxy in the results
- the API index call is returning multiple proxies or in some weird format, so this simple extraction of the first result is incorrect: https://github.com/theforeman/puppet-foreman/blob/master/lib/puppet/provider/foreman_smartproxy/rest_v2.rb#L30-L32

Debug logging at installation time would be incredibly useful, as production.log would then show the result of the API call.

#3 - 09/05/2014 07:03 AM - Dominic Cleal

- File foreman-debug.tar.xz added

#4 - 04/22/2016 04:50 AM - Dominic Cleal

- Status changed from New to Rejected

This issue appears to have gone away, tests have been stable now for a long time. Unknown cause + fix.

Files

foreman-debug.tar.xz

116 KB

09/05/2014

Dominic Cleal