

## Installer - Feature #18224

### Add client certificate support for smart proxy registration

01/24/2017 12:51 PM - Joe Mader

<b>Status:</b> New	
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Category:</b> Foreman modules	
<b>Target version:</b>	
<b>Difficulty:</b>	<b>Fixed in Releases:</b>
<b>Triaged:</b>	<b>Found in Releases:</b>
<b>Bugzilla link:</b>	<b>Red Hat JIRA:</b>
<b>Pull request:</b>	
<b>Description</b>	
<p>We require client certificates be presented for TLS connections to Foreman by introducing the following httpd configuration on a CentOS 7 Foreman server:</p>	
<pre>&lt;Location /&gt;   Require ssl-verify-client &lt;/Location&gt;</pre>	
<p>as file:</p>	
<pre>/etc/httpd/conf.d/zz-require-client-cert.conf</pre>	
<p>When installing additional smart proxies in the environment, we have to temporarily turn off client certificate verification, otherwise the smart proxy cannot complete its request to register itself.</p>	
<p>We see the following on Foreman in <code>/var/log/httpd/foreman-ssl_error_ssl.log</code></p>	
<pre>[Tue Jan 24 12:18:01.222540 2017] [authz_core:error] [pid 13638] [client 192.168.1.121:45780] AH01630: client denied by server configuration: /usr/share/foreman/public/api</pre>	
<p>And the following on the CentOS 7 smart proxy server in <code>/var/log/foreman-installer/foreman.log</code>:</p>	
<pre>[ERROR 2017-01-24 12:18:01 main] /Stage[main]/Foreman_proxy::Register/Foreman_smartproxy[devel]: Failed to call refresh: Proxy devel cannot be retrieved: unknown error (response 403) [ERROR 2017-01-24 12:18:01 main] /Stage[main]/Foreman_proxy::Register/Foreman_smartproxy[devel]: Proxy devel cannot be retrieved: unknown error (response 403) [ERROR 2017-01-24 12:18:01 main] /usr/share/foreman-installer/modules/foreman/lib/puppet/provider/foreman_smartproxy/rest_v3.rb:7:in `proxy' [ERROR 2017-01-24 12:18:01 main] /usr/share/foreman-installer/modules/foreman/lib/puppet/provider/foreman_smartproxy/rest_v3.rb:13:in `id' [ERROR 2017-01-24 12:18:01 main] /usr/share/foreman-installer/modules/foreman/lib/puppet/provider/foreman_smartproxy/rest_v3.rb:17:in `exists?' [ERROR 2017-01-24 12:18:01 main] /usr/share/ruby/vendor_ruby/puppet/property/ensure.rb:81:in `retrieve' [ERROR 2017-01-24 12:18:01 main] /usr/share/foreman-installer/modules/foreman/lib/puppet/type/foreman_smartproxy.rb:53:in `refresh' [ERROR 2017-01-24 12:18:01 main] /usr/share/ruby/vendor_ruby/puppet/transaction/event_manager.rb:101:in `process_callback' [ERROR 2017-01-24 12:18:01 main] /usr/share/ruby/vendor_ruby/puppet/transaction/event_manager.rb:20:in `block in process_events' [ERROR 2017-01-24 12:18:01 main] /usr/share/ruby/vendor_ruby/puppet/transaction/event_manager.rb:93:in `block in queued_events' [ERROR 2017-01-24 12:18:01 main] /usr/share/ruby/vendor_ruby/puppet/transaction/event_manager.rb:92:in `each' [ERROR 2017-01-24 12:18:01 main] /usr/share/ruby/vendor_ruby/puppet/transaction/event_manager.rb:92:in `queued_events' [ERROR 2017-01-24 12:18:01 main] /usr/share/ruby/vendor_ruby/puppet/transaction/event_manager.rb:1</pre>	

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9:in `process_events'
[ERROR 2017-01-24 12:18:01 main] /usr/share/ruby/vendor_ruby/puppet/transaction.rb:191:in `eval_re
source'
[ERROR 2017-01-24 12:18:01 main] /usr/share/ruby/vendor_ruby/puppet/transaction.rb:117:in `call'
[ERROR 2017-01-24 12:18:01 main] /usr/share/ruby/vendor_ruby/puppet/transaction.rb:117:in `block (
2 levels) in evaluate'
[ERROR 2017-01-24 12:18:01 main] /usr/share/ruby/vendor_ruby/puppet/util.rb:327:in `block in thinm
ark'
[ERROR 2017-01-24 12:18:01 main] /usr/share/ruby/benchmark.rb:296:in `realtime'
[ERROR 2017-01-24 12:18:01 main] /usr/share/ruby/vendor_ruby/puppet/util.rb:326:in `thinmark'
[ERROR 2017-01-24 12:18:01 main] /usr/share/ruby/vendor_ruby/puppet/transaction.rb:117:in `block i
n evaluate'
[ERROR 2017-01-24 12:18:01 main] /usr/share/ruby/vendor_ruby/puppet/graph/relationship_graph.rb:11
8:in `traverse'
[ERROR 2017-01-24 12:18:01 main] /usr/share/ruby/vendor_ruby/puppet/transaction.rb:108:in `evaluat
e'
[ERROR 2017-01-24 12:18:01 main] /usr/share/gems/gems/kafo-1.0.5/modules/kafo_configure/lib/puppet
/parser/functions/add_progress.rb:30:in `evaluate_with_trigger'
[ERROR 2017-01-24 12:18:01 main] /usr/share/ruby/vendor_ruby/puppet/resource/catalog.rb:167:in `bl
ock in apply'
[ERROR 2017-01-24 12:18:01 main] /usr/share/ruby/vendor_ruby/puppet/util/log.rb:149:in `with_desti
nation'
[ERROR 2017-01-24 12:18:01 main] /usr/share/ruby/vendor_ruby/puppet/transaction/report.rb:112:in `
as_logging_destination'
[ERROR 2017-01-24 12:18:01 main] /usr/share/ruby/vendor_ruby/puppet/resource/catalog.rb:166:in `ap
ply'
[ERROR 2017-01-24 12:18:01 main] /usr/share/ruby/vendor_ruby/puppet/configurer.rb:117:in `block in
apply_catalog'
[ERROR 2017-01-24 12:18:01 main] /usr/share/ruby/vendor_ruby/puppet/util.rb:161:in `block in bench
mark'
[ERROR 2017-01-24 12:18:01 main] /usr/share/ruby/benchmark.rb:296:in `realtime'
[ERROR 2017-01-24 12:18:01 main] /usr/share/ruby/vendor_ruby/puppet/util.rb:160:in `benchmark'
[ERROR 2017-01-24 12:18:01 main] /usr/share/ruby/vendor_ruby/puppet/configurer.rb:116:in `apply_ca
talog'
[ERROR 2017-01-24 12:18:01 main] /usr/share/ruby/vendor_ruby/puppet/configurer.rb:191:in `run'
[ERROR 2017-01-24 12:18:01 main] /usr/share/ruby/vendor_ruby/puppet/application/apply.rb:288:in `a
pply_catalog'
[ERROR 2017-01-24 12:18:01 main] /usr/share/ruby/vendor_ruby/puppet/application/apply.rb:228:in `b
lock in main'
[ERROR 2017-01-24 12:18:01 main] /usr/share/ruby/vendor_ruby/puppet/context.rb:64:in `override'
[ERROR 2017-01-24 12:18:01 main] /usr/share/ruby/vendor_ruby/puppet.rb:234:in `override'
[ERROR 2017-01-24 12:18:01 main] /usr/share/ruby/vendor_ruby/puppet/application/apply.rb:190:in `m
ain'
[ERROR 2017-01-24 12:18:01 main] /usr/share/ruby/vendor_ruby/puppet/application/apply.rb:151:in `r
un_command'
[ERROR 2017-01-24 12:18:01 main] /usr/share/ruby/vendor_ruby/puppet/application.rb:371:in `block (
2 levels) in run'
[ERROR 2017-01-24 12:18:01 main] /usr/share/ruby/vendor_ruby/puppet/application.rb:477:in `plugin_
hook'
[ERROR 2017-01-24 12:18:01 main] /usr/share/ruby/vendor_ruby/puppet/application.rb:371:in `block i
n run'
[ERROR 2017-01-24 12:18:01 main] /usr/share/ruby/vendor_ruby/puppet/util.rb:479:in `exit_on_fail'
[ERROR 2017-01-24 12:18:01 main] /usr/share/ruby/vendor_ruby/puppet/application.rb:371:in `run'
[ERROR 2017-01-24 12:18:01 main] /usr/share/ruby/vendor_ruby/puppet/util/command_line.rb:137:in `r
un'
[ERROR 2017-01-24 12:18:01 main] /usr/share/ruby/vendor_ruby/puppet/util/command_line.rb:91:in `ex
ecute'
[ERROR 2017-01-24 12:18:01 main] /usr/bin/puppet:8:in `'
```

Recommend that arguments to foreman-installer be added to tell the rest client used therein to include a client certificate in the request to Foreman (as there are for Foreman to use when it makes a request in turn to the smart proxy to gather features etc during registration).

## History

#1 - 01/24/2017 12:52 PM - Joe Mader

Apologies - submitted this issue in the wrong project. Will a moderator please move it to the Installer project? Thanks in advance.

**#2 - 01/25/2017 10:00 AM - Anonymous**

- *Project changed from Docker to Installer*

- *Category set to Foreman modules*