

## Katello - Bug #25430

### foreman proxy -> Error connecting to Pulp service and qdrouter failed: proton:io Connection refused

11/10/2018 01:35 PM - Sven Vogel

<b>Status:</b>	Needs design	
<b>Priority:</b>	Normal	
<b>Assignee:</b>	Andrew Kofink	
<b>Category:</b>	Installer	
<b>Target version:</b>		
<b>Difficulty:</b>		<b>Fixed in Releases:</b>
<b>Triaged:</b>	Yes	<b>Found in Releases:</b> Katello 3.8.0
<b>Bugzilla link:</b>		<b>Red Hat JIRA:</b>
<b>Pull request:</b>		

#### Description

Hi Guys,

i installed a katello/foreman Server without any, any, any proxy functionality like this...

```
foreman-installer --scenario katello \  
--no-enable-foreman-proxy \  
--no-enable-foreman-proxy-content \  
--no-enable-foreman-proxy-plugin-pulp \  
--foreman-proxy-dhcp-managed=false \  
--foreman-proxy-dns-managed=false \  
--foreman-proxy-freeipa-remove-dns=false \  
--foreman-proxy-http=false \  
--foreman-proxy-logs=false \  
--foreman-proxy-puppet=false \  
--foreman-proxy-puppetca=false \  
--foreman-proxy-register-in-foreman=false \  
--foreman-proxy-ssl=false \  
--foreman-proxy-templates=false \  
--foreman-proxy-tftp=false \  
--foreman-proxy-tftp-manage-wget=false \  
--foreman-proxy-tftp-managed=false \  
--foreman-proxy-use-sudoers=false \  
--foreman-proxy-use-sudoersd=false \  
--foreman-proxy-content-enable-deb=false \  
--foreman-proxy-content-enable-docker=false \  
--foreman-proxy-content-enable-file=false \  
--foreman-proxy-content-enable-puppet=false \  
--foreman-proxy-content-enable-yum=false \  
--foreman-proxy-plugin-chef-ssl-pem-file=false \  
--foreman-proxy-plugin-remote-execution-ssh-generate-keys=false \  
--foreman-proxy-ssl=false \  
--foreman-proxy-gpgcheck=false \  
--enable-foreman-plugin-discovery \  
--verbose
```

after that i added a new foreman proxy like this... i got this command from the generate certificates script

```
foreman-installer --scenario foreman-proxy-content\  
--foreman-proxy-content-parent-fqdn "katello01.example.com"\  
--foreman-proxy-register-in-foreman "true"\  
--foreman-proxy-foreman-base-url "https://katello01.example.com"\  
--foreman-proxy-trusted-hosts "katello01.example.com"\  
--foreman-proxy-trusted-hosts "katello-smart-proxy.example.com"\  
--foreman-proxy-oauth-consumer-key "doRmgp4tgVcSy7xkzbfz2wJxYM4CNnXx"\  
--foreman-proxy-oauth-consumer-secret "fDsqtg5k5XHMErxxNQACUtFGrLKQyZdW"\  
--foreman-proxy-content-certs-tar "/root/katello-smart-proxy.example.com.tar"
```

```
--puppet-server-foreman-url "https://katello01.example.com"
--foreman-proxy-dhcp-option-domain "sub.example.com" \
--foreman-proxy-dhcp-gateway "10.32.0.1" \
--foreman-proxy-dhcp-nameservers "10.32.0.11,10.32.0.12" \
--foreman-proxy-dhcp-range "10.32.0.50 10.32.0.100" \
--enable-foreman-proxy-plugin-discovery \
--enable-foreman-proxy-plugin-pulp
```

later i added the dns and other things....

all things good...

when i look into the smart proxy overview it looks really good but i found the following error. maybe the use of foreman-installer is not correct.

when you look the picture you will see "Error connecting to Pulp service"... if i run a command on the smart-proxy console like status it looks good.

```
[root@katello-smart-proxy ~]# pulp-admin status
+-----+
|                               |
|                               |
|                               |
+-----+
Api Version:          2
Database Connection:
  Connected: True
Known Workers:
  _id:                 scheduler@katello-smart-proxy.example.com
  _ns:                 workers
  Last Heartbeat:     2018-11-10T13:28:57Z
  _id:                 resource_manager@katello-smart-proxy.example.com
  _ns:                 workers
  Last Heartbeat:     2018-11-10T13:29:01Z
  _id:                 reserved_resource_worker-1@katello-smart-proxy.example.com
  _ns:                 workers
  Last Heartbeat:     2018-11-10T13:28:59Z
  _id:                 reserved_resource_worker-0@katello-smart-proxy.example.com
  _ns:                 workers
  Last Heartbeat:     2018-11-10T13:28:59Z
Messaging Connection:
  Connected: True
Versions:
  Platform Version:  2.16.4
```

1. Picture show "Error connecting to Pulp service".
2. i found that the service qdrouterd throws an error like this

```
qdrouterd.service - Qpid Dispatch router daemon
  Loaded: loaded (/usr/lib/systemd/system/qdrouterd.service; enabled; vendor preset: disabled)
  Active: active (running) since Sat 2018-11-10 01:03:40 CET; 13h ago
  Main PID: 4726 (qdrouterd)
  CGroup: /system.slice/qdrouterd.service
          └─4726 /usr/sbin/qdrouterd -c /etc/qpid-dispatch/qdrouterd.conf

Nov 10 14:30:46 katello-smart-proxy-sn.example.com qdrouterd[4726]: 2018-11-10 14:30:46.002921 +0100 SERVER (info) Connection to katello01.example.com:5646 failed: proton:io Connection refused - disconnected katello01.example.com:5646
Nov 10 14:30:51 katello-smart-proxy-sn.example.com qdrouterd[4726]: 2018-11-10 14:30:51.003487 +0100 SERVER (info) Connection to katello01.example.com:5646 failed: proton:io Connection refused - disconnected katello01.example.com:5646
```

what is wrong. the provisioning how i provision a smart proxy?

## History

#1 - 11/14/2018 06:52 PM - Andrew Kofink

- Status changed from New to Need more information

Could you please provide the output of `rpm -qa | grep 'foreman\|katello'`?

**#2 - 11/19/2018 11:19 PM - Sven Vogel**

Hi Andrew,

yes sure no problem.

print from katello01

```
[root@katello01 ~]# rpm -qa | grep 'foreman\|katello'
tfm-rubygem-foreman-tasks-core-0.2.5-1.fm1_18.el7.noarch
tfm-rubygem-foreman-tasks-0.13.4-1.fm1_19.el7.noarch
tfm-rubygem-hammer_cli_katello-0.14.1-1.el7.noarch
katello-repos-3.8.0-4.el7.noarch
foreman-compute-1.19.1-1.el7.noarch
rubygem-foreman_maintain-0.2.4-1.el7.noarch
katello-installer-base-3.8.0-1.el7.noarch
tfm-rubygem-hammer_cli_foreman_docker-0.0.4-3.el7.noarch
katello-default-ca-1.0-1.noarch
foreman-1.19.1-1.el7.noarch
katello-certs-tools-2.4.0-1.el7.noarch
foreman-installer-katello-3.8.0-1.el7.noarch
pulp-katello-1.0.2-1.el7.noarch
tfm-rubygem-hammer_cli_foreman_bootdisk-0.1.3-6.el7.noarch
katello-common-3.8.0-5.el7.noarch
katello-server-ca-1.0-1.noarch
katello01.mdk.services-qpidd-broker-1.0-1.noarch
katello01.mdk.services-foreman-client-1.0-1.noarch
foreman-selinux-1.19.1-1.el7.noarch
foreman-proxy-1.19.1-1.el7.noarch
katello-selinux-3.0.3-1.el7.noarch
tfm-rubygem-foreman_docker-4.1.0-1.fm1_18.el7.noarch
tfm-rubygem-hammer_cli_foreman_tasks-0.0.12-2.fm1_17.el7.noarch
katello01.mdk.services-qpidd-client-cert-1.0-1.noarch
foreman-cli-1.19.1-1.el7.noarch
foreman-installer-1.19.1-1.el7.noarch
foreman-release-1.19.1-1.el7.noarch
katello-service-3.8.0-5.el7.noarch
tfm-rubygem-hammer_cli_foreman-0.14.0-1.el7.noarch
katello-3.8.0-5.el7.noarch
foreman-release-scl-7-2.el7.noarch
foreman-debug-1.19.1-1.el7.noarch
tfm-rubygem-foreman_discovery-13.0.1-1.fm1_19.el7.noarch
tfm-rubygem-katello-3.8.0-1.el7.noarch
katello-debug-3.8.0-5.el7.noarch
katello01.mdk.services-tomcat-1.0-1.noarch
katello01.mdk.services-apache-1.0-1.noarch
foreman-postgresql-1.19.1-1.el7.noarch
```

print from katello-proxy01

```
[root@katello-smart-proxy-sn ~]# rpm -qa | grep 'foreman\|katello'
katello-selinux-3.0.3-1.el7.noarch
tfm-rubygem-hammer_cli_foreman_tasks-0.0.12-2.fm1_17.el7.noarch
katello-client-bootstrap-1.4.2-1.el7.noarch
katello-default-ca-1.0-1.noarch
katello-smart-proxy-sn.mdk.services-apache-1.0-1.noarch
katello-smart-proxy-sn.mdk.services-qpidd-client-cert-1.0-1.noarch
foreman-release-1.19.1-1.el7.noarch
katello-smart-proxy-sn.mdk.services-puppet-client-1.0-1.noarch
foreman-proxy-1.19.1-1.el7.noarch
katello-repos-3.8.0-4.el7.noarch
rubygem-foreman_maintain-0.2.4-1.el7.noarch
foreman-installer-1.19.1-1.el7.noarch
katello-installer-base-3.8.0-1.el7.noarch
foreman-proxy-content-3.8.0-5.el7.noarch
katello-ca-consumer-katello-smart-proxy-sn.mdk.services-1.0-1.noarch
tfm-rubygem-hammer_cli_foreman-0.14.0-1.el7.noarch
tfm-rubygem-hammer_cli_foreman_bootdisk-0.1.3-6.el7.noarch
tfm-rubygem-hammer_cli_katello-0.14.1-1.el7.noarch
katello-debug-3.8.0-5.el7.noarch
```

```
katello-server-ca-1.0-1.noarch
katello-smart-proxy-sn.mdk.services-foreman-proxy-client-1.0-1.noarch
katello-smart-proxy-sn.mdk.services-qpuid-router-server-1.0-1.noarch
katello-smart-proxy-sn.mdk.services-qpuid-broker-1.0-1.noarch
katello-certs-tools-2.4.0-1.el7.noarch
foreman-selinux-1.19.1-1.el7.noarch
foreman-installer-katello-3.8.0-1.el7.noarch
tfm-rubygem-hammer_cli_foreman_docker-0.0.4-3.el7.noarch
katello-smart-proxy-sn.mdk.services-foreman-proxy-1.0-1.noarch
katello-smart-proxy-sn.mdk.services-qpuid-router-client-1.0-1.noarch
foreman-release-scl-7-1.el7.noarch
katello-service-3.8.0-5.el7.noarch
foreman-debug-1.19.1-1.el7.noarch
```

does this help?

### #3 - 11/23/2018 10:00 PM - Sven Vogel

anybody here? :) there are other information needed?

### #4 - 11/28/2018 06:55 PM - Christine Fouant

- Status changed from Need more information to Needs design
- Assignee set to Andrew Kofink
- Triaged changed from No to Yes

### #5 - 11/28/2018 07:34 PM - Andrew Kofink

What does the following show?

```
echo 'SmartProxy.first.statuses[:pulp].status' | foreman-rake console
```

### #6 - 12/08/2018 01:12 AM - Sven Vogel

Hi Andrew,

Sorry for late reply.

i can run this command only on the foreman server not the capsule. i dont have there a "foreman-rake" command

```
[root@katello01 ~]# echo 'SmartProxy.first.statuses[:pulp].status' | foreman-rake console
/usr/share/foreman/lib/foreman.rb:8: warning: already initialized constant Foreman::UUID_REGEXP
/usr/share/foreman/lib/foreman.rb:8: warning: previous definition of UUID_REGEXP was here
/opt/theforeman/tfm/root/usr/share/gems/gems/katello-3.9.0/app/models/katello/concerns/content_facet_host_extensions.rb:7: warning: already initialized constant Katello::Concerns::ContentFacetHostExtensions::ERRATA_STATUS_MAP
/opt/theforeman/tfm/root/usr/share/gems/gems/katello-3.9.0/app/models/katello/concerns/content_facet_host_extensions.rb:7: warning: previous definition of ERRATA_STATUS_MAP was here
/opt/theforeman/tfm/root/usr/share/gems/gems/katello-3.9.0/app/models/katello/concerns/content_facet_host_extensions.rb:14: warning: already initialized constant Katello::Concerns::ContentFacetHostExtensions::TRACE_STATUS_MAP
/opt/theforeman/tfm/root/usr/share/gems/gems/katello-3.9.0/app/models/katello/concerns/content_facet_host_extensions.rb:14: warning: previous definition of TRACE_STATUS_MAP was here
/opt/theforeman/tfm/root/usr/share/gems/gems/katello-3.9.0/app/models/katello/concerns/subscription_facet_host_extensions.rb:13: warning: already initialized constant Katello::Concerns::SubscriptionFacetHostExtensions::SUBSCRIPTION_STATUS_MAP
/opt/theforeman/tfm/root/usr/share/gems/gems/katello-3.9.0/app/models/katello/concerns/subscription_facet_host_extensions.rb:13: warning: previous definition of SUBSCRIPTION_STATUS_MAP was here
/opt/theforeman/tfm/root/usr/share/gems/gems/katello-3.9.0/app/models/katello/concerns/subscription_facet_host_extensions.rb:21: warning: already initialized constant Katello::Concerns::SubscriptionFacetHostExtensions::SLA_STATUS_MAP
/opt/theforeman/tfm/root/usr/share/gems/gems/katello-3.9.0/app/models/katello/concerns/subscription_facet_host_extensions.rb:21: warning: previous definition of SLA_STATUS_MAP was here
/opt/theforeman/tfm/root/usr/share/gems/gems/katello-3.9.0/app/models/katello/concerns/subscription_facet_host_extensions.rb:26: warning: already initialized constant Katello::Concerns::SubscriptionFacetHostExtensions::USAGE_STATUS_MAP
/opt/theforeman/tfm/root/usr/share/gems/gems/katello-3.9.0/app/models/katello/concerns/subscription_facet_host_extensions.rb:26: warning: previous definition of USAGE_STATUS_MAP was here
/opt/theforeman/tfm/root/usr/share/gems/gems/katello-3.9.0/app/models/katello/concerns/subscription_facet_host_extensions.rb:31: warning: already initialized constant Katello::Concerns::SubscriptionFacetHostExtensions::ROLE_STATUS_MAP
/opt/theforeman/tfm/root/usr/share/gems/gems/katello-3.9.0/app/models/katello/concerns/subscription_facet_host_extensions.rb:31: warning: previous definition of ROLE_STATUS_MAP was here
/opt/theforeman/tfm/root/usr/share/gems/gems/katello-3.9.0/app/models/katello/concerns/subscription_facet_host
```

```
_extensions.rb:36: warning: already initialized constant Katello::Concerns::SubscriptionFacetHostExtensions::ADDONS_STATUS_MAP
/opt/theforeman/tfm/root/usr/share/gems/gems/katello-3.9.0/app/models/katello/concerns/subscription_facet_host_extensions.rb:36: warning: previous definition of ADDONS_STATUS_MAP was here
/opt/theforeman/tfm/root/usr/share/gems/gems/katello-3.9.0/app/models/katello/concerns/subscription_facet_host_extensions.rb:41: warning: already initialized constant Katello::Concerns::SubscriptionFacetHostExtensions::PURPOSE_STATUS_MAP
/opt/theforeman/tfm/root/usr/share/gems/gems/katello-3.9.0/app/models/katello/concerns/subscription_facet_host_extensions.rb:41: warning: previous definition of PURPOSE_STATUS_MAP was here
Loading production environment (Rails 5.2.1)
Failed to load console gems, starting anyway
Switch to inspect mode.
SmartProxy.first.statuses[:pulp].status
{"fatal"=>"Unable to connect. Got: SSL_connect returned=1 errno=0 state=error: certificate verify failed (self signed certificate in certificate chain)"}

```

what do you think?

#### #7 - 12/10/2018 01:40 PM - Andrew Kofink

Looks to me like your SSL settings aren't quite right for communication to the proxy. Details for how to do this are at <https://theforeman.org/manuals/1.20/index.html#5.4.2SecuringSmartProxyRequests>. Please check that all is correct there and try the command again from the Katello server.

#### #8 - 12/11/2018 12:01 AM - Sven Vogel

Hi Andrew,

you mean -> 5.4.2 Securing Smart Proxy Requests? so we have the problem after a initial new installation like the values above. we install it with the values above and get a false? normally this should be a bug or our provision is not correctly. you now what i mean? **We alleviate the symptoms but do not solve the problem.** anyway that i dont know how to fix it with this link and the puppet certificates when we have a pulp problem.

this section is for puppet but we have a pulp problem?

```
---
# 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_certificate: /var/lib/puppet/ssl/certs/FQDN.pem
:ssl_ca_file: /var/lib/puppet/ssl/certs/ca.pem
:ssl_private_key: /var/lib/puppet/ssl/private_keys/FQDN.pem

```

if i deploy it with --foreman-proxy-content-certs-tar "/root/katello-smart-proxy.example.com.tar" then the correct certificate should not be automatically used??

how can i check the certificate between host and smartproxy?

thanks

Sven

#### Files

Bildschirmfoto 2018-11-10 um 14.20.58.png	96 KB	11/10/2018	Sven Vogel
Bildschirmfoto 2018-11-10 um 14.20.32.png	104 KB	11/10/2018	Sven Vogel