

## Pulp - Issue #492

### pulp-manage-db exists with 0 even when it crashes

02/28/2015 11:15 PM - inecas@redhat.com

<b>Status:</b>	CLOSED - CURRENTRELEASE	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	cduryee	<b>Estimated time:</b>	0:00 hour
<b>Category:</b>			
<b>Sprint/Milestone:</b>			
<b>Severity:</b>	2. Medium	<b>Groomed:</b>	No
<b>Version:</b>	2.4.0	<b>Sprint Candidate:</b>	No
<b>Platform Release:</b>	2.6.0	<b>Tags:</b>	Pulp 2
<b>OS:</b>		<b>Sprint:</b>	
<b>Triaged:</b>	Yes	<b>Quarter:</b>	
<b>Description</b>			
How to reproduce:			
<ol style="list-style-type: none"><li>1. service qpidd stop</li><li>2. pulp-manage-db (provided it was not run before)</li><li>3. pulp-manage-db exists with 0 (but a stack-trace in /var/log/messages)</li></ol>			
This breaks katello-installer, as it has no clue that the migration failed.			
++ This bug was initially created as a clone of Bug #1132475 ++			
Description of problem:			
Installer do not reports failure in pulp-manage-db.			
Version-Release number of selected component (if applicable):			
Satellite-6.0.4-RHEL-6-20140820.2			
How reproducible:			
1 occurrences out of 2 attempts			
Steps to Reproduce:			
<ol style="list-style-type: none"><li>1. Attempt to install Satellite 6 on RHEL5 with: # katello-installer --foreman-admin-email 'root@localhost' \ --foreman-admin-username 'admin' --foreman-admin-password 'changeme'</li></ol>			
Actual results:			
[...]			
[31m /Stage[main]/Foreman::Database/Foreman::Rake[db:seed]/Exec[foreman-rake-db:seed]: Failed to call refresh: /usr/sbin/foreman-rake db:seed returned 1 instead of one of [0]			
[0m[31m /Stage[main]/Foreman::Database/Foreman::Rake[db:seed]/Exec[foreman-rake-db:seed]: /usr/sbin/foreman-rake db:seed returned 1 instead of one of [0]			
[0mNotice: /Stage[main]/Foreman::Database/Foreman::Ra: 478/479, 99%, 0.0/s, elapsed: 00:10:55			
Debug: Executing '/sbin/chkconfig foreman-tasks' : 478/479, 99%, 0.0/s, elapsed: 00:11:53			
Notice: /Stage[main]/Foreman::Service/Exec[restart: 478/479, 99%, 0.0/s, elapsed: 00:11:55			
Debug: /Stage[main]/Certs::Foreman/Exec[foreman_ce: 478/479, 99%, 0.0/s, elapsed: 00:12:57			
Notice: /Stage[main]/Certs::Foreman/Exec[foreman_c: 478/479, 99%, 0.0/s, elapsed: 00:13:56			
E, [2014-08-20T21:09:16.481482 #13443] ERROR -- : : 478/479, 99%, 0.0/s, elapsed: 00:14:58			
[31m /Stage[main]/Foreman_proxy::Register/Foreman_smartproxy[cisco-c210-01.rhts.eng.bos.redhat.com]: Could not evaluate: 500 Internal Server Error			
[0m[32mDone [0m: 479/479, 100%, 0.0/s, elapsed: 00:15:03			
[32mDone [0m: 479/479, 100%, 0.0/s, elapsed: 00:15:03			
[1m[31mSomething went wrong![0m Check the log for ERROR-level output			
The full log is at [1m[36m/var/log/katello-installer/katello-installer.log[0m			
Expected results:			

As inecas investigated, this is caused by failing pulp-manage-db which was not noticed by installer:

1. cat /var/log/messages

```
[...]  
Aug 20 21:02:43 <host> pulp: pulp.server.db.manage:INFO: Applying pulp.server.db.migrations version 9  
Aug 20 21:02:43 <host> pulp: pulp.server.db.manage:CRITICAL: Applying migration  
pulp.server.db.migrations.0009_qpid_queues failed.  
Aug 20 21:02:43 <host> qpid[8670]: 2014-08-20 21:02:43 [System] error Error reading socket: Success(0)  
Aug 20 21:02:43 <host> pulp: pulp.server.db.manage:CRITICAL: [Errno 336265218] _ssl.c:341: error:140B0002:SSL  
routines:SSL_CTX_use_PrivateKey_file:system lib  
Aug 20 21:02:43 <host> pulp: pulp.server.db.manage:CRITICAL: Traceback (most recent call last):  
Aug 20 21:02:43 <host> pulp: pulp.server.db.manage:CRITICAL: File  
"/usr/lib/python2.6/site-packages/pulp/server/db/manage.py", line 86, in migrate_database  
Aug 20 21:02:43 <host> pulp: pulp.server.db.manage:CRITICAL: update_current_version=not options.test)  
Aug 20 21:02:43 <host> pulp: pulp.server.db.manage:CRITICAL: File  
"/usr/lib/python2.6/site-packages/pulp/server/db/migrate/models.py", line 161, in apply_migration  
Aug 20 21:02:43 <host> pulp: pulp.server.db.manage:CRITICAL: migration.migrate()  
Aug 20 21:02:43 <host> pulp: pulp.server.db.manage:CRITICAL: File  
"/usr/lib/python2.6/site-packages/pulp/server/db/migrations/0009_qpid_queues.py", line 67, in migrate  
Aug 20 21:02:43 <host> pulp: pulp.server.db.manage:CRITICAL: connection.attach()  
Aug 20 21:02:43 <host> pulp: pulp.server.db.manage:CRITICAL: File "<string>", line 6, in attach  
Aug 20 21:02:43 <host> pulp: pulp.server.db.manage:CRITICAL: File  
"/usr/lib/python2.6/site-packages/qpid/messaging/endpoints.py", line 286, in attach  
Aug 20 21:02:43 <host> pulp: pulp.server.db.manage:CRITICAL: if not self._await(lambda: self._transport_connected and not  
self._unlinked(), timeout=timeout):  
Aug 20 21:02:43 <host> pulp: pulp.server.db.manage:CRITICAL: File  
"/usr/lib/python2.6/site-packages/qpid/messaging/endpoints.py", line 219, in _await  
Aug 20 21:02:43 <host> pulp: pulp.server.db.manage:CRITICAL: self.check_error()  
Aug 20 21:02:43 <host> pulp: pulp.server.db.manage:CRITICAL: File  
"/usr/lib/python2.6/site-packages/qpid/messaging/endpoints.py", line 212, in check_error  
Aug 20 21:02:43 <host> pulp: pulp.server.db.manage:CRITICAL: raise e  
Aug 20 21:02:43 <host> pulp: pulp.server.db.manage:CRITICAL: ConnectError: [Errno 336265218] _ssl.c:341:  
error:140B0002:SSL routines:SSL_CTX_use_PrivateKey_file:system lib  
Aug 20 21:02:43 <host> pulp: pulp.server.db.manage:CRITICAL:  
Aug 20 21:02:43 <host> pulp: pulp.server.db.manage:INFO: Applying pulp_puppet.plugins.migrations version 1  
Aug 20 21:02:43 <host> pulp: pulp:INFO: Migrated puppet modules to include checksum  
Aug 20 21:02:43 <host> pulp: pulp.server.db.manage:INFO: Migration to pulp_puppet.plugins.migrations version 1 complete.  
Aug 20 21:02:43 <host> pulp: pulp.server.db.manage:INFO: Applying pulp_puppet.plugins.migrations version 2  
[...]  
Aug 20 21:03:28 <host> pulp: pulp.server.agent.direct.services:INFO: AMQP broker configured: {<fqdn>:5671}|transport=SL|  
host=<fqdn>|port=5671|cacert=/etc/pki/katello/certs/katello-default-ca.crt|clientcert=/etc/pki/katello/qpid_client_stripped.  
crt|userid=None|password=None|vhost=None  
Aug 20 21:03:28 <host> pulp: pulp.server.db.migrate.models:ERROR: pulp.server.db.migrations hasn't been updated to the  
latest available migration.  
Aug 20 21:03:28 <host> pulp: pulp.server.webservices.application:CRITICAL: *****  
Aug 20 21:03:28 <host> pulp: pulp.server.webservices.application:CRITICAL: The Pulp server failed to start due to the following  
reasons:  
Aug 20 21:03:28 <host> pulp: pulp.server.webservices.application:ERROR: The database has not been migrated to the current  
version. Run pulp-manage-db and restart the application.  
Aug 20 21:03:28 <host> pulp: pulp.server.webservices.application:ERROR: Traceback (most recent call last):  
Aug 20 21:03:28 <host> pulp: pulp.server.webservices.application:ERROR: File  
"/usr/lib/python2.6/site-packages/pulp/server/webservices/application.py", line 147, in wsgi_application  
Aug 20 21:03:28 <host> pulp: pulp.server.webservices.application:ERROR: _initialize_pulp()  
Aug 20 21:03:28 <host> pulp: pulp.server.webservices.application:ERROR: File  
"/usr/lib/python2.6/site-packages/pulp/server/webservices/application.py", line 102, in _initialize_pulp  
Aug 20 21:03:28 <host> pulp: pulp.server.webservices.application:ERROR: migration_models.check_package_versions()  
Aug 20 21:03:28 <host> pulp: pulp.server.webservices.application:ERROR: File  
"/usr/lib/python2.6/site-packages/pulp/server/db/migrate/models.py", line 291, in check_package_versions  
Aug 20 21:03:28 <host> pulp: pulp.server.webservices.application:ERROR: raise Exception(error_message)  
Aug 20 21:03:28 <host> pulp: pulp.server.webservices.application:ERROR: InitializationException: The database has not been  
migrated to the current version. Run pulp-manage-db and restart the application.  
Aug 20 21:03:28 <host> pulp: pulp.server.webservices.application:CRITICAL: *****  
Aug 20 21:03:29 <host> qpid[8670]: 2014-08-20 21:03:29 [System] error Error reading socket: Success(0)  
Aug 20 21:03:29 <host> pulp: celery.worker.consumer:ERROR: consumer: Cannot connect to qpid://guest@<fqdn>:5671//:  
[Errno 336265218] _ssl.c:341: error:140B0002:SSL routines:SSL_CTX_use_PrivateKey_file:system lib.  
[...]
```

Additional info:

Bugzilla about this failing was reported as bug 1132471. This bug is about "installer did not noticed this kind of error".

+ This bug was cloned from [Bugzilla Bug #1132480](#) +

## History

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### #1 - 02/28/2015 11:15 PM - cduryee

The fix for #1093760 also fixes this BZ. Marking as ON\_QA.

+ This comment was cloned from [Bugzilla #1132480 comment 1](#) +

### #2 - 02/28/2015 11:15 PM - pthomas@redhat.com

verified

```
[root@pulp-24-server ~]# rpm -qa pulp-server
pulp-server-2.4.1-0.7.beta.el6.noarch
[root@pulp-24-server ~]#
```

```
[root@pulp-24-server ~]# service qpid stop
Stopping Qpid AMQP daemon: [ OK ]
```

```
[root@pulp-24-server ~]# sudo -u apache pulp-manage-db
```

Loading content types.

/usr/lib/python2.6/site-packages/pulp/server/db/connection.py:133: DeprecationWarning: The safe parameter is deprecated. Please use write concern options instead.

```
return method(*args, **kwargs)
```

Content types loaded.

Ensuring the admin role and user are in place.

Admin role and user are in place.

Beginning database migrations.

Applying pulp.server.db.migrations version 1

Migration to pulp.server.db.migrations version 1 complete.

Applying pulp.server.db.migrations version 2

Migration to pulp.server.db.migrations version 2 complete.

Applying pulp.server.db.migrations version 3

Migration to pulp.server.db.migrations version 3 complete.

Applying pulp.server.db.migrations version 4

Migration to pulp.server.db.migrations version 4 complete.

Applying pulp.server.db.migrations version 5

Migration to pulp.server.db.migrations version 5 complete.

Applying pulp.server.db.migrations version 6

Migration to pulp.server.db.migrations version 6 complete.

Applying pulp.server.db.migrations version 7

Migration to pulp.server.db.migrations version 7 complete.

Applying pulp.server.db.migrations version 8

Migration to pulp.server.db.migrations version 8 complete.

Applying pulp.server.db.migrations version 9

Applying migration pulp.server.db.migrations.0009\_qpid\_queues failed.

Halting migrations due to a migration failure. See log for details.

[Errno 111] Connection refused

+ This comment was cloned from [Bugzilla #1132480 comment 2](#) +

**#3 - 04/23/2015 06:25 PM - rbarlow**

- Status changed from 6 to CLOSED - CURRENTRELEASE

**#5 - 04/15/2019 11:01 PM - bmbouter**

- Severity set to 2. Medium

**#6 - 04/15/2019 11:10 PM - bmbouter**

- Tags Pulp 2 added