

RPM Support - Issue #8433

Issues synchronizing repository

03/22/2021 11:52 AM - karlism

Status:	CLOSED - WORKSFORME	Start date:	
Priority:	Normal	Due date:	
Assignee:		Estimated time:	0:00 hour
Category:		Groomed:	No
Sprint/Milestone:		Sprint Candidate:	No
Severity:	2. Medium	Tags:	
Version:		Sprint:	
Platform Release:		Quarter:	
OS:			
Triaged:	No		

Description

Hello,

I'm having following issues while trying to synchronize repository:

```
# /usr/local/bin/pulp rpm repository create --name=centos_8_3_base
{
  "pulp_href": "/pulp/api/v3/repositories/rpm/rpm/de4b4a2d-4c3e-4f40-b225-ef6e9cdbea93/",
  "pulp_created": "2021-03-22T10:37:29.513788Z",
  "versions_href": "/pulp/api/v3/repositories/rpm/rpm/de4b4a2d-4c3e-4f40-b225-ef6e9cdbea93/versions/",
  "latest_version_href": "/pulp/api/v3/repositories/rpm/rpm/de4b4a2d-4c3e-4f40-b225-ef6e9cdbea93/versions/0/",
  "name": "centos_8_3_base",
  "description": null,
  "remote": null,
  "metadata_signing_service": null,
  "retain_package_versions": 0
}

# /usr/local/bin/pulp rpm remote create --name=centos_8_3_base --url=http://mirror.centos.org/centos/8.3.2011/BaseOS/x86_64/os/
{
  "pulp_href": "/pulp/api/v3/remotes/rpm/rpm/136aef71-a90b-4e04-a593-1d1aaeb5db89/",
  "pulp_created": "2021-03-22T10:38:01.007355Z",
  "name": "centos_8_3_base",
  "url": "http://mirror.centos.org/centos/8.3.2011/BaseOS/x86_64/os/",
  "ca_cert": null,
  "client_cert": null,
  "client_key": null,
  "tls_validation": true,
  "proxy_url": null,
  "username": null,
  "password": null,
  "pulp_last_updated": "2021-03-22T10:38:01.007391Z",
  "download_concurrency": 10,
  "policy": "immediate",
  "total_timeout": null,
  "connect_timeout": null,
  "sock_connect_timeout": null,
  "sock_read_timeout": null,
  "sles_auth_token": null
}

# /usr/local/bin/pulp rpm repository sync --name=centos_8_3_base --remote=centos_8_3_base
```

```
Started background task /pulp/api/v3/tasks/60f50a37-44b1-47b4-852f-2ed8cba569a6/
.....Error: Task /pulp/api/v3/tasks/60f50a37-44b1-47b4-852f-2ed8cba569a6/ failed: 'malformed record literal: "'
LINE 1: ....3.8', '6.module_el8.3.0+604+ab7bf9cc', 'x86_64', '', 'e25f6...
                                         ^
DETAIL: Missing left parenthesis.
'
```

Following errors in logs:

```
Mar 22 10:40:06 hostname gunicorn[23229]: pulp [e32eba41066f4576a18540dd19cc772a]: 127.0.0.1 - adm
in [22/Mar/2021:10:40:06 +0000] "GET /pulp/api/v3/tasks/60f50a37-44b1-47b4-852f-2ed8cba569a6/ HTTP
/1.0" 200 1478 "-" "python-requests/2.25.1"
Mar 22 10:40:07 hostname rq[23370]: pulp [82b62bafef7f4cce9f1aleb06c9b4905]: rq.worker:ERROR: Trac
eback (most recent call last):
Mar 22 10:40:07 hostname rq[23370]: File "/usr/lib/python3.6/site-packages/django/db/backends/uti
ls.py", line 84, in _execute
Mar 22 10:40:07 hostname rq[23370]: return self.cursor.execute(sql, params)
Mar 22 10:40:07 hostname rq[23370]: pycpg2.errors.InvalidTextRepresentation: malformed record li
teral: ""
Mar 22 10:40:07 hostname rq[23370]: LINE 1: ....3.8', '6.module_el8.3.0+604+ab7bf9cc', 'x86_64', '
', 'e25f6...
                                         ^
Mar 22 10:40:07 hostname rq[23370]: DETAIL: Missing left parenthesis.
Mar 22 10:40:07 hostname rq[23370]: The above exception was the direct cause of the following exce
ption:
Mar 22 10:40:07 hostname rq[23370]: Traceback (most recent call last):
Mar 22 10:40:07 hostname rq[23370]: File "/usr/lib/python3.6/site-packages/rq/worker.py", line 97
5, in perform_job
Mar 22 10:40:07 hostname rq[23370]: rv = job.perform()
Mar 22 10:40:07 hostname rq[23370]: File "/usr/lib/python3.6/site-packages/rq/job.py", line 696,
in perform
Mar 22 10:40:07 hostname rq[23370]: self._result = self._execute()
Mar 22 10:40:07 hostname rq[23370]: File "/usr/lib/python3.6/site-packages/rq/job.py", line 719,
in _execute
Mar 22 10:40:07 hostname rq[23370]: return self.func(*self.args, **self.kwargs)
Mar 22 10:40:07 hostname rq[23370]: File "/usr/lib/python3.6/site-packages/pulp_rpm/app/tasks/syn
chronizing.py", line 257, in synchronize
Mar 22 10:40:07 hostname rq[23370]: dv.create()
Mar 22 10:40:07 hostname rq[23370]: File "/usr/lib/python3.6/site-packages/pulpcore/plugin/stages
/declarative_version.py", line 148, in create
Mar 22 10:40:07 hostname rq[23370]: loop.run_until_complete(pipeline)
Mar 22 10:40:07 hostname rq[23370]: File "/usr/lib64/python3.6/asyncio/base_events.py", line 484,
in run_until_complete
Mar 22 10:40:07 hostname rq[23370]: return future.result()
Mar 22 10:40:07 hostname rq[23370]: File "/usr/lib/python3.6/site-packages/pulpcore/plugin/stages
/api.py", line 225, in create_pipeline
Mar 22 10:40:07 hostname rq[23370]: await asyncio.gather(*futures)
Mar 22 10:40:07 hostname rq[23370]: File "/usr/lib/python3.6/site-packages/pulpcore/plugin/stages
/api.py", line 43, in __call__
Mar 22 10:40:07 hostname rq[23370]: await self.run()
Mar 22 10:40:07 hostname rq[23370]: File "/usr/lib/python3.6/site-packages/pulpcore/plugin/stages
/content_stages.py", line 95, in run
Mar 22 10:40:07 hostname rq[23370]: d_content.content.save()
Mar 22 10:40:07 hostname rq[23370]: File "/usr/lib/python3.6/site-packages/pulpcore/app/models/ba
se.py", line 115, in save
Mar 22 10:40:07 hostname rq[23370]: return super().save(*args, **kwargs)
Mar 22 10:40:07 hostname rq[23370]: File "/usr/lib/python3.6/site-packages/django_lifecycle/mixin
s.py", line 129, in save
Mar 22 10:40:07 hostname rq[23370]: save(*args, **kwargs)
Mar 22 10:40:07 hostname rq[23370]: File "/usr/lib/python3.6/site-packages/django/db/models/base.
py", line 744, in save
Mar 22 10:40:08 hostname rq[23370]: force_update=force_update, update_fields=update_fields)
Mar 22 10:40:08 hostname rq[23370]: File "/usr/lib/python3.6/site-packages/django/db/models/base.
py", line 782, in save_base
Mar 22 10:40:08 hostname rq[23370]: force_update, using, update_fields,
Mar 22 10:40:08 hostname rq[23370]: File "/usr/lib/python3.6/site-packages/django/db/models/base.
```

```

py", line 873, in _save_table
Mar 22 10:40:08 hostname rq[23370]:     result = self._do_insert(cls._base_manager, using, fields,
update_pk, raw)
Mar 22 10:40:08 hostname rq[23370]: File "/usr/lib/python3.6/site-packages/django/db/models/base.
py", line 911, in _do_insert
Mar 22 10:40:08 hostname rq[23370]:     using=using, raw=raw)
Mar 22 10:40:08 hostname rq[23370]: File "/usr/lib/python3.6/site-packages/django/db/models/manag
er.py", line 82, in manager_method
Mar 22 10:40:08 hostname rq[23370]:     return getattr(self.get_queryset(), name)(*args, **kwargs)
Mar 22 10:40:08 hostname rq[23370]: File "/usr/lib/python3.6/site-packages/django/db/models/query
.py", line 1186, in _insert
Mar 22 10:40:08 hostname rq[23370]:     return query.get_compiler(using=using).execute_sql(return_i
d)
Mar 22 10:40:08 hostname rq[23370]: File "/usr/lib/python3.6/site-packages/django/db/models/sql/c
ompiler.py", line 1377, in execute_sql
Mar 22 10:40:08 hostname rq[23370]:     cursor.execute(sql, params)
Mar 22 10:40:08 hostname rq[23370]: File "/usr/lib/python3.6/site-packages/django/db/backends/uti
ls.py", line 67, in execute
Mar 22 10:40:08 hostname rq[23370]:     return self._execute_with_wrappers(sql, params, many=False,
executor=self._execute)
Mar 22 10:40:08 hostname rq[23370]: File "/usr/lib/python3.6/site-packages/django/db/backends/uti
ls.py", line 76, in _execute_with_wrappers
Mar 22 10:40:08 hostname rq[23370]:     return executor(sql, params, many, context)
Mar 22 10:40:08 hostname rq[23370]: File "/usr/lib/python3.6/site-packages/django/db/backends/uti
ls.py", line 84, in _execute
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Mar 22 10:40:08 hostname rq[23370]:     raise dj_exc_value.with_traceback(traceback) from exc_value
Mar 22 10:40:08 hostname rq[23370]: File "/usr/lib/python3.6/site-packages/django/db/backends/uti
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Mar 22 10:40:08 hostname rq[23370]: ^
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Mar 22 10:40:08 hostname rq[23370]: psycopg2.errors.InvalidTextRepresentation: malformed record li
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Mar 22 10:40:08 hostname rq[23370]: LINE 1: ....3.8', '6.module_el8.3.0+604+ab7bf9cc', 'x86_64', '
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Mar 22 10:40:08 hostname rq[23370]: File "/usr/lib64/python3.6/asyncio/base_events.py", line 484,
in run_until_complete

```

```

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Mar 22 10:40:08 hostname rq[23370]: force_update, using, update_fields,
Mar 22 10:40:08 hostname gunicorn[23229]: pulp [6e4108df743c4f6dafcd1411234e9250]: 127.0.0.1 - adm
in [22/Mar/2021:10:40:08 +0000] "GET /pulp/api/v3/tasks/60f50a37-44b1-47b4-852f-2ed8cba569a6/ HTTP
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Mar 22 10:40:08 hostname rq[23370]: return self.cursor.execute(sql, params)
Mar 22 10:40:08 hostname rq[23370]: django.db.utils.DataError: malformed record literal: ""
Mar 22 10:40:08 hostname rq[23370]: LINE 1: ...3.8', '6.module_el8.3.0+604+ab7bf9cc', 'x86_64', '
', 'e25f6...
Mar 22 10:40:08 hostname rq[23370]: ^
Mar 22 10:40:08 hostname rq[23370]: DETAIL: Missing left parenthesis.
Mar 22 10:40:08 hostname rq[23370]: pulp [None]: rq.worker:INFO: 23370@hostname.sns.sec: 5a36c8da-
85e4-41b3-9636-59d281645352
Mar 22 10:40:10 hostname rq[23370]: pulp [None]: rq.worker:INFO: 23370@hostname.sns.sec: Job OK (5
a36c8da-85e4-41b3-9636-59d281645352

```

It is VM running Oracle Linux 8.3, also tried it with version 3.11.1 with the same issue:

```
# /usr/local/bin/pulp status
{
  "versions": [
    {
      "component": "pulpcore",
      "version": "3.9.1"
    },
    {
      "component": "pulp_rpm",
      "version": "3.9.0"
    }
  ],
  "online_workers": [
    {
      "pulp_created": "2021-03-22T07:12:16.765141Z",
      "pulp_href": "/pulp/api/v3/workers/b3a0a25a-0f50-42e6-8a39-1b68226992e3/",
      "name": "23370@hostname.sns.sec",
      "last_heartbeat": "2021-03-22T10:48:30.806559Z"
    },
    {
      "pulp_created": "2021-03-22T07:12:10.076036Z",
      "pulp_href": "/pulp/api/v3/workers/8c65bc91-19e1-4e30-ba6a-05beaa4ca573/",
      "name": "resource-manager",
      "last_heartbeat": "2021-03-22T10:48:34.517400Z"
    },
    {
      "pulp_created": "2021-03-22T07:12:17.186151Z",
      "pulp_href": "/pulp/api/v3/workers/cefd5028-dab6-4a2b-a593-b7a50bf3bba1/",
      "name": "23509@hostname.sns.sec",
      "last_heartbeat": "2021-03-22T10:48:57.177400Z"
    }
  ],
  "online_content_apps": [
    {
      "name": "23136@hostname",
      "last_heartbeat": "2021-03-22T10:48:54.277865Z"
    },
    {
      "name": "23192@hostname",
      "last_heartbeat": "2021-03-22T10:48:55.040598Z"
    },
    {
      "name": "23154@hostname",
      "last_heartbeat": "2021-03-22T10:48:55.045353Z"
    },
    {
      "name": "23155@hostname",
      "last_heartbeat": "2021-03-22T10:48:55.080843Z"
    },
    {
      "name": "23138@hostname",
      "last_heartbeat": "2021-03-22T10:48:55.111686Z"
    },
    {
      "name": "23200@hostname",
      "last_heartbeat": "2021-03-22T10:48:55.528796Z"
    },
    {
      "name": "23172@hostname",
      "last_heartbeat": "2021-03-22T10:48:55.567173Z"
    },
    {
      "name": "23199@hostname",
      "last_heartbeat": "2021-03-22T10:48:56.001181Z"
    }
  ]
}
```

```

],
"database_connection": {
  "connected": true
},
"redis_connection": {
  "connected": true
},
"storage": {
  "total": 85851357184,
  "used": 3087319040,
  "free": 78358970368
}
}
}

```

Any help in solving this issue would be appreciated. Same issue happens also with other RPM repositories and I've verified that URLs are correct and accessible from host where Pulp is running.

History

#1 - 03/23/2021 03:42 PM - ttereshc

- Project changed from Pulp to RPM Support

#2 - 03/23/2021 04:48 PM - ggaaney

I'm looking at trying to reproduce this on my dev-box. Running on CentOS7 and latest pulpcore/pulp_rpm, that CentOS8 mirror syncs fine:

```

(pulp) [vagrant@pulp2-nightly-pulp3-source-centos7 pulpcore]$ pulp rpm repository create --name c8_base_test
{
  "pulp_href": "/pulp/api/v3/repositories/rpm/rpm/15564e0c-4560-4508-8ebe-e9b829eeba26/",
  "pulp_created": "2021-03-23T15:21:04.873085Z",
  "versions_href": "/pulp/api/v3/repositories/rpm/rpm/15564e0c-4560-4508-8ebe-e9b829eeba26/versions/",
  "pulp_labels": {},
  "latest_version_href": "/pulp/api/v3/repositories/rpm/rpm/15564e0c-4560-4508-8ebe-e9b829eeba26/versions/0/",
  "name": "c8_base_test",
  "description": null,
  "remote": null,
  "metadata_signing_service": null,
  "retain_package_versions": 0
}

(pulp) [vagrant@pulp2-nightly-pulp3-source-centos7 pulpcore]$ pulp rpm remote create --name c8_base_test --url
http://mirror.centos.org/centos/8.3.2011/BaseOS/x86_64/os/
{
  "pulp_href": "/pulp/api/v3/remotes/rpm/rpm/1ea727be-4760-4f35-8952-0c4864f51739/",
  "pulp_created": "2021-03-23T15:21:34.742109Z",
  "name": "c8_base_test",
  "url": "http://mirror.centos.org/centos/8.3.2011/BaseOS/x86_64/os/",
  "ca_cert": null,
  "client_cert": null,
  "tls_validation": true,
  "proxy_url": null,
  "pulp_labels": {},
  "pulp_last_updated": "2021-03-23T15:21:34.742121Z",
  "download_concurrency": 10,
  "policy": "immediate",
  "total_timeout": null,
  "connect_timeout": null,
  "sock_connect_timeout": null,
  "sock_read_timeout": null,
  "headers": null,
  "rate_limit": null,
  "sles_auth_token": null
}

(pulp) [vagrant@pulp2-nightly-pulp3-source-centos7 pulpcore]$ pulp rpm repository sync --name c8_base_test --r
emote c8_base_test
Started background task /pulp/api/v3/tasks/a3cd4260-0003-47af-89cf-076e901ff264/
.....
.....
(pulp) [vagrant@pulp2-nightly-pulp3-source-centos7 pulpcore]$

```

The error-msg looks like a postgres error. What version of postgres is running? Is there a full error-report in postgres' logs?

On my box, I'm running rh-postgresql10-3.1-1.el7.x86_64; the logs are at /var/opt/rh/rh-postgresql10/lib/pgsql/data/log/ on that box, you might find them at /var/lib/pgsql/data/ or /var/log/postgresql/ , I'm not sure how Oracle packages postgres.

#3 - 03/23/2021 05:01 PM - ggainey

One very strange thing I notice is that I can't find reference to module_el8 in that mirror's metadata - I looked in primary, other, comps, and filelist. All of them were last changed on 16-MAR. Def something odd going on here.

#4 - 04/08/2021 05:41 PM - dalley

- *Status changed from NEW to CLOSED - WORKSFORME*

Hi, without more information, it looks like perhaps the repository had some invalid metadata, and was fixed. If you encounter this again, please reopen the issue.