

RPM Support - Issue #2224

Cannot sync from mirrorlists

09/01/2016 05:12 PM - ipanova@redhat.com

Status:	CLOSED - CURRENTRELEASE	Start date:	
Priority:	Urgent	Due date:	
Assignee:	mhrivnak	Estimated time:	0:00 hour
Category:			
Sprint/Milestone:			
Severity:	3. High	Groomed:	No
Version:	Master	Sprint Candidate:	No
Platform Release:	2.11.0	Tags:	Pulp 2
OS:		Sprint:	Sprint 8
Triaged:	Yes	Quarter:	

Description

```
$ pulp-admin -vv rpm repo create --repo-id mirror --feed "http://mirrorlist.centos.org/?release=7&arch=x86_64&repo=os" --relative-url mirror
```

```
2016-09-02 18:47:26,295 - DEBUG - sending POST request to /pulp/api/v2/repositories/
2016-09-02 18:47:27,464 - INFO - POST request to /pulp/api/v2/repositories/ with parameters {"display_name": null, "description": null, "distributors": [{"distributor_id": "yum_distributor", "auto_publish": true, "distributor_config": {"http": false, "relative_url": "mirror", "https": true}, "distributor_type_id": "yum_distributor"}, {"distributor_id": "export_distributor", "auto_publish": false, "distributor_config": {"http": false, "relative_url": "mirror", "https": true}, "distributor_type_id": "export_distributor"}], "notes": {"_repo-type": "rpm-repo"}, "importer_type_id": "yum_importer", "importer_config": {"feed": "http://mirrorlist.centos.org/?release=7&arch=x86_64&repo=os"}, "id": "mirror"}
2016-09-02 18:47:27,464 - INFO - Response status : 201
```

```
2016-09-02 18:47:27,464 - INFO - Response body :
```

```
{
  "scratchpad": {},
  "display_name": null,
  "description": null,
  "last_unit_added": null,
  "notes": {
    "_repo-type": "rpm-repo"
  },
  "last_unit_removed": null,
  "content_unit_counts": {},
  "_ns": "repos",
  "_id": {
    "$oid": "57c9ad1f45ef480c8e715874"
  },
  "id": "mirror",
  "_href": "/pulp/api/v2/repositories/mirror/"
}
```

```
Successfully created repository [mirror]
```

```
$ pulp-admin rpm repo sync run --repo-id=mirror
```

```
+-----+
|               Synchronizing Repository [mirror]               |
+-----+
```

```
The following sync configuration options will be used:
```

```
This command may be exited via ctrl+c without affecting the request.
```

```
Downloading metadata...
[\]
... completed

Downloading repository content...
[-]
[=====] 100%
RPMs:          0/0 items
Delta RPMs: 0/0 items

... completed

Downloading distribution files...
[=====] 100%
Distributions: 0/0 items

Errors encountered during distribution sync:

Importing errata...
[-]
... completed

Importing package groups/categories...
[-]
... completed

Cleaning duplicate packages...
[-]
... completed

Task Succeeded
```

I'm afraid this change broke the mirrorlist sync support

https://github.com/pulp/pulp_rpm/commit/221e97797f093191101658114b48c49a45b2eeb5#diff-5185b3f1e5a02c40a5d198fe779c75fbL328

Associated revisions

Revision 9c4e6677 - 09/12/2016 04:09 AM - mhrivnak

Fixes a bug that broke mirrorlist sync support.

<https://pulp.plan.io/issues/2224> fixes #2224

History

#1 - 09/01/2016 05:12 PM - ipanova@redhat.com

- Project changed from Pulp to RPM Support

#2 - 09/01/2016 05:45 PM - ttereshc

Related to or duplicate of <https://pulp.plan.io/issues/2104> ?

#3 - 09/01/2016 10:57 PM - bmbouter

I don't think it is a duplicate but the error in the example is the same one as [#2104](#)

Here is a passing command that still would lack the mirror configuration but completes:

```
[vagrant@dev ~]$ pulp-admin -vv rpm repo create --repo-id mirror --feed "http://mirrorlist.centos.org/?release=7&arch=x86_64&repo=os" --relative-url foobar
2016-09-01 20:55:31,332 - DEBUG - sending POST request to /pulp/api/v2/repositories/
2016-09-01 20:55:33,224 - INFO - POST request to /pulp/api/v2/repositories/ with parameters {"display_name": null, "description": null, "distributors": [{"distributor_id": "yum_distributor", "auto_publish": true, "distributor_config": {"http": false, "relative_url": "foobar", "https": true}, "distributor_type_id": "yum_distributor"}, {"distributor_id": "export_distributor", "auto_publish": false, "distributor_config": {"http": false, "relative_url": "foobar", "https": true}, "distributor_type_id": "export_distributor"}], "notes": {"_repo-type": "rpm-repo"}, "importer_type_id": "yum_importer", "importer_config": {"feed": "http://mirrorlist.centos.org/?release=7&arch=x86_64&repo=os"}, "id": "mirror"}
```

2016-09-01 20:55:33,224 - INFO - Response status : 201

2016-09-01 20:55:33,225 - INFO - Response body :

```
{
  "scratchpad": {},
  "display_name": null,
  "description": null,
  "last_unit_added": null,
  "notes": {
    "_repo-type": "rpm-repo"
  },
  "last_unit_removed": null,
  "content_unit_counts": {},
  "_ns": "repos",
  "_id": {
    "$oid": "57c895c5e779890c82b2baac"
  },
  "id": "mirror",
  "_href": "/pulp/api/v2/repositories/mirror/"
}
```

Successfully created repository [mirror]

#4 - 09/02/2016 10:52 AM - ipanova@redhat.com

Brian, you are right - providing relative-url does allow to create the repo, but further sync with mirrorlist provided is not correct.

```
$ pulp-admin rpm repo sync run --repo-id=mirror --force-full
```

```
+-----+
|                Synchronizing Repository [mirror]                |
+-----+
```

The following sync configuration options will be used:

Force Full: True

This command may be exited via ctrl+c without affecting the request.

Downloading metadata...

```
[\]
... completed
```

Downloading repository content...

```
[-]
[=====] 100%
RPMs:      0/0 items
Delta RPMs: 0/0 items
```

... completed

Downloading distribution files...

```
[-]
[=====] 100%
Distributions: 0/0 items
```

Errors encountered during distribution sync:

Importing errata...

```
[-]
... completed
```

Importing package groups/categories...

```
[-]
... completed
```

Cleaning duplicate packages...

```
[-]
... completed
```

Task Succeeded

I'm afraid this change broke the mirrorlist sync support

https://github.com/pulp/pulp_rpm/commit/221e97797f093191101658114b48c49a45b2eeb5#diff-5185b3f1e5a02c40a5d198fe779c75fbL328

#5 - 09/02/2016 04:17 PM - bmbouter

Perhaps mirrorlist support is broken on master. Is there a pulp smash issue on this? Also is this part of the manual testing test plan?

#6 - 09/02/2016 04:39 PM - amacdona@redhat.com

- Priority changed from Normal to Urgent
- Severity changed from 2. Medium to 3. High
- Triaged changed from No to Yes

#7 - 09/02/2016 05:10 PM - ipanova@redhat.com

In order to make mirrorlists work, then issue mentioned in comment [#4](#) should be fixed(it is only on master).

W/r to 2.10-dev, issue [#2104](#) prevents from creating repo with feed in general, if using the workaround of providing the --relative-url, then repo is created and regularly synced from a mirrorlist.

#8 - 09/02/2016 05:29 PM - ipanova@redhat.com

@pthomas, first of all you need to take in quotes the mirrorlist you provide in the feed because of ?& signs that are treated differently in the terminal.

#9 - 09/02/2016 06:04 PM - bmbouter

@preethi: does this work in 2.9.2?

#10 - 09/02/2016 06:38 PM - ipanova@redhat.com

- Subject changed from Relative_url validation does not allow to create a repo with mirrorlists to Cannot sync from mirrorlists

#11 - 09/02/2016 06:48 PM - ipanova@redhat.com

- Subject changed from Cannot sync from mirrorlists to Relative_url validation does not allow to create a repo with mirrorlists
- Description updated

#12 - 09/02/2016 06:49 PM - ipanova@redhat.com

- Subject changed from Relative_url validation does not allow to create a repo with mirrorlists to Cannot sync from mirrorlists

#13 - 09/02/2016 08:06 PM - pthomas@redhat.com

I tested this in 2.10 beta and 2.9.2 and both tests passed

```
[root@cloud-qe-05 ~]# rpm -qa pulp-server
pulp-server-2.10.0-0.4.beta.el7.noarch
[root@cloud-qe-05 ~]#
```

```
[root@cloud-qe-05 ~]# pulp-admin -vv rpm repo create --repo-id mirror --feed "http://mirrorlist.centos.org/?release=7&arch=x86_64&repo=os" --relative-url mirror
2016-09-02 13:42:13,332 - DEBUG - sending POST request to /pulp/api/v2/repositories/
2016-09-02 13:42:13,621 - INFO - POST request to /pulp/api/v2/repositories/ with parameters {"display_name": null, "description": null, "distributors": [{"distributor_id": "yum_distributor", "auto_publish": true, "distributor_config": {"http": false, "relative_url": "mirror", "https": true}, "distributor_type_id": "yum_distributor"}, {"distributor_id": "export_distributor", "auto_publish": false, "distributor_config": {"http": false, "relative_url": "mirror", "https": true}, "distributor_type_id": "export_distributor"}], "notes": {"_repo-type": "rpm-repo"}, "importer_type_id": "yum_importer", "importer_config": {"feed": "http://mirrorlist.centos.org/?release=7&arch=x86_64&repo=os"}, "id": "mirror"}
2016-09-02 13:42:13,621 - INFO - Response status : 201
```

2016-09-02 13:42:13,621 - INFO - Response body :

```
{
  "scratchpad": {},
  "display_name": null,
  "description": null,
  "last_unit_added": null,
  "notes": {
    "_repo-type": "rpm-repo"
  },
  "last_unit_removed": null,
  "content_unit_counts": {},
  "_ns": "repos",
  "_id": {
    "$oid": "57c9b9f512783b7a33c5853b"
  },
  "id": "mirror",
```

```
"_href": "/pulp/api/v2/repositories/mirror/"
}
```

Successfully created repository [mirror]

```
$ pulp-admin rpm repo sync run --repo-id=mirror
```

```
+-----+
|                Synchronizing Repository [mirror]                |
+-----+
```

This command may be exited via ctrl+c without affecting the request.

Downloading metadata...

```
[-]
... completed
```

Downloading repository content...

```
[-]
[=====] 100%
RPMs:          9007/9007 items
Delta RPMs: 0/0 items
```

... completed

Downloading distribution files...

```
[=====] 66%
Distributions: 4/6 items
```

```
pulp-admin -vv rpm repo create --repo-id mirror --feed http://mirrorlist.centos.org/?release=7&arch=x86_64&rep
o=os
```

```
[1] 3399
[2] 3400
[2]+ Done          arch=x86_64
```

```
$ 2016-09-02 11:16:30,437 - DEBUG - sending POST request to /pulp/api/v2/repositories/
```

```
2016-09-02 11:16:30,721 - INFO - POST request to /pulp/api/v2/repositories/ with parameters {"display_name": n
ull, "description": null, "distributors": [{"distributor_id": "yum_distributor", "auto_publish": true, "distrib
utor_config": {"http": false, "relative_url": "/mirror", "https": true}, "distributor_type_id": "yum_distribu
tor"}, {"distributor_id": "export_distributor", "auto_publish": false, "distributor_config": {"http": false, "
relative_url": "/mirror", "https": true}, "distributor_type_id": "export_distributor"}], "notes": {"_repo-type
": "rpm-repo"}, "importer_type_id": "yum_importer", "importer_config": {"feed": "http://mirrorlist.centos.org/
?release=7"}, "id": "mirror"}
```

```
2016-09-02 11:16:30,721 - INFO - Response status : 400
```

```
2016-09-02 11:16:30,722 - INFO - Response body :
```

```
{
  "exception": null,
  "args": [
    "Value for [relative_url] must be be a relative path: /mirror"
  ],
  "_href": "/pulp/api/v2/repositories/",
  "traceback": null,
  "error_message": "Value for [relative_url] must be be a relative path: /mirror",
  "http_request_method": "POST",
  "http_status": 400,
  "error": {
    "code": "PLP0000",
    "data": {},
    "description": "Value for [relative_url] must be be a relative path: /mirror",
    "sub_errors": []
  }
}
```

```
2016-09-02 11:16:30,722 - ERROR - Exception occurred:
```

```
href: /pulp/api/v2/repositories/
method: POST
status: 400
error: Value for [relative_url] must be be a relative path: /mirror
traceback: None
data: {u'args': [u'Value for [relative_url] must be be a relative path: /mirror'], u'error': {u'
code': u'PLP0000', u'data': {}, u'description': u'Value for [relative_url] must be be a relative path: /mirro
r', u'sub_errors': []}}
```

```
Value for [relative_url] must be be a relative path: /mirror
```

#14 - 09/06/2016 06:42 PM - Ichimonji10

The second test, listed above, doesn't correctly use quotes:

```
pulp-admin -vv rpm repo create --repo-id mirror --feed http://mirrorlist.centos.org/?release=7&arch=x86_64&rep
o=os
[1] 3399
[2] 3400
[2]+ Done arch=x86_64
```

The test also ends with an HTTP 400. I think this needs to be re-tested, or have an automated test written.

#15 - 09/06/2016 07:32 PM - Ichimonji10

In my opinion, this bug is not suitable for automated testing given Pulp's current capabilities. See: <https://github.com/PulpQE/pulp-smash/issues/384#issuecomment-245026519>

#16 - 09/06/2016 07:32 PM - semyers

- *Version set to Master*

#17 - 09/09/2016 05:06 PM - ttereshc

- *Sprint/Milestone set to 26*

#18 - 09/12/2016 03:03 AM - mhrivnak

- *Status changed from NEW to ASSIGNED*

- *Assignee set to mhrivnak*

#19 - 09/12/2016 03:18 AM - mhrivnak

I am testing that all of these feed URLs should work for syncing RPMs:

http://mirrorlist.centos.org/?release=7&arch=x86_64&repo=os
http://mirrors.fedoraproject.org/mirrorlist?repo=fedora-24&arch=x86_64
https://repos.fedorapeople.org/repos/pulp/pulp/demo_repos/zoo/

Note that the centos and fedora mirror servers behave differently. The fedora one does not return a 404 when "reodata/repomd.xml" is added to the path. Both should be tested, because pulp has to handle them differently.

This URL should work for syncing just a distribution (correcting thanks to [ttereshc](#)):

<https://ci.centos.org/artifacts/sig-atomic/centos-continuous/images-alpha/installer/latest/images/>

And then pick your favorite bad URL to test the "Not Found" case.

#20 - 09/12/2016 04:16 AM - mhrivnak

- *Status changed from ASSIGNED to POST*

https://github.com/pulp/pulp_rpm/pull/981

#21 - 09/12/2016 01:51 PM - ttereshc

Correct URL to sync a distribution: <https://ci.centos.org/artifacts/sig-atomic/centos-continuous/images-alpha/installer/latest/images/>

#22 - 09/12/2016 03:26 PM - mhrivnak

- *Status changed from POST to MODIFIED*

Applied in changeset [9c4e6677f70991034504047487c6b1f45a2080fd](#).

#23 - 09/12/2016 07:03 PM - mhrivnak

- *Platform Release set to 2.11.0*

#25 - 10/26/2016 06:45 AM - semyers

- *Status changed from MODIFIED to 5*

#26 - 12/13/2016 04:42 PM - pthomas@redhat.com

- *Status changed from 5 to 6*

Tested all the mirrorlist url listed in [#19](#)

<verified>

```
[root@ibm-x3650m4-02-vm-02 ~]# rpm -qa |grep pulp
python-pulp-rpm-common-2.11.0-0.5.rc.el6.noarch
pulp-rpm-plugins-2.11.0-0.5.rc.el6.noarch
python-isodate-0.5.0-4.pulp.el6.noarch
pulp-python-plugins-1.1.3-1.el6.noarch
python-pulp-docker-common-2.2.0-0.3.rc.el6.noarch
pulp-rpm-admin-extensions-2.11.0-0.5.rc.el6.noarch
mod_wsgi-3.4-2.pulp.el6.x86_64
python-kombu-3.0.33-6.pulp.el6.noarch
python-pulp-common-2.11.0-0.5.rc.el6.noarch
python-pulp-repoauth-2.11.0-0.5.rc.el6.noarch
python-pulp-client-lib-2.11.0-0.5.rc.el6.noarch
pulp-server-2.11.0-0.5.rc.el6.noarch
pulp-puppet-plugins-2.11.0-0.5.rc.el6.noarch
pulp-puppet-admin-extensions-2.11.0-0.5.rc.el6.noarch
python-pulp-puppet-common-2.11.0-0.5.rc.el6.noarch
python-pulp-bindings-2.11.0-0.5.rc.el6.noarch
pulp-docker-plugins-2.2.0-0.3.rc.el6.noarch
pulp-python-admin-extensions-1.1.3-1.el6.noarch
pulp-admin-client-2.11.0-0.5.rc.el6.noarch
pulp-docker-admin-extensions-2.2.0-0.3.rc.el6.noarch
pulp-selinux-2.11.0-0.5.rc.el6.noarch
python-pulp-oid_validation-2.11.0-0.5.rc.el6.noarch
python-pulp-streamer-2.11.0-0.5.rc.el6.noarch
python-pulp-python-common-1.1.3-1.el6.noarch
[root@ibm-x3650m4-02-vm-02 ~]#
[root@mgmt13 ~]# pulp-admin rpm repo create --repo-id mirror2 --feed
https://ci.centos.org/artifacts/sig-atomic/centos-continuous/images-alpha/installer/latest/images/
Successfully created repository [mirror2]
```

```
[root@mgmt13 ~]# pulp-admin rpm repo sync run --repo-id mirror2
```

Synchronizing Repository [mirror2]

This command may be exited via ctrl+c without affecting the request.

```
Downloading metadata...
[ ]
... completed

Downloading repository content...
[-]
[=====] 100%
RPMs: 0/0 items
Delta RPMs: 0/0 items

... completed

Downloading distribution files...
[=====] 100%
Distributions: 5/5 items
... completed

Importing errata...
[-]
... completed

Importing package groups/categories...
[-]
... completed

Cleaning duplicate packages...
[-]
... completed

Task Succeeded

Initializing repo metadata
[-]
... completed
```

Publishing Distribution files

[-]

... completed

Publishing RPMs

[-]

... completed

Publishing Delta RPMs

... skipped

Publishing Errata

[-]

... completed

Publishing Comps file

[-]

... completed

Publishing Metadata.

[-]

... completed

Closing repo metadata

[-]

... completed

Generating sqlite files

... skipped

Generating HTML files

... skipped

Publishing files to web

[-]

... completed

Writing Listings File

[-]

... completed

Task Succeeded

```
[root@mgmt13 ~]# pulp-admin rpm repo create --repo-id mirror3 --feed "http://mirrors.fedoraproject.org/mirrorlist?repo=fedora-24&arch=x86\_64"  
Successfully created repository [mirror3]
```

```
[root@mgmt13 ~]# pulp-admin rpm repo sync run --repo-id mirror3
```

Synchronizing Repository [mirror3]

This command may be exited via ctrl+c without affecting the request.

Downloading metadata...

[/]

... completed

Downloading repository content...

[[]]

[===] 6%

RPMs: 943/49722 items

Delta RPMs: 0/0 items

#27 - 12/19/2016 04:38 PM - pcreech

- Status changed from 6 to CLOSED - CURRENTRELEASE

#29 - 03/08/2018 08:09 PM - bmbouter

- Sprint set to Sprint 8

#30 - 03/08/2018 08:10 PM - bmbouter

- Sprint/Milestone deleted (26)

#31 - 04/15/2019 10:25 PM - bmbouter

- Tags Pulp 2 added