

Pulp - Issue #1170

rpm importer does not support switching protocols from http to ftp mid download using a redirect-fails downloading distribution files

08/07/2015 10:17 PM - osabina

Status:	CLOSED - WONTFIX	Start date:	
Priority:	Normal	Due date:	
Assignee:		Estimated time:	0:00 hour
Category:			
Sprint/Milestone:			
Severity:	2. Medium	Groomed:	No
Version:	2.6.3	Sprint Candidate:	No
Platform Release:		Tags:	Pulp 2
OS:	CentOS 6	Sprint:	
Triaged:	Yes	Quarter:	

Description

I was unsure whether to open this as an issue here, with Nectar or with RPM Support so defaulting to top level.

To reproduce:

```
pulp-admin rpm repo create --relative-url test --feed http://www.gtlib.gatech.edu/pub/centos/6.6/os/x86\_64/ --repo-id test
pulp-admin rpm repo sync run --repo-id test
```

[...]

Downloading distribution files...

[=====] 75%

Distributions: 3/4 items

Errors encountered during distribution sync:

File: http://www.gtlib.gatech.edu/pub/centos/6.6/os/x86_64/images/boot.iso

Error

Code: None

Error Message: None

This appears to be because Nectar is using requests.py which does not support ftp. From my logs:

```
Aug 7 18:28:20 pulp: requests.packages.urllib3.connectionpool:INFO: Starting new HTTP connection (1): www.gtlib.gatech.edu
```

```
Aug 7 18:28:20 pulp: nectar.downloaders.threaded:ERROR: (25682-61856) No connection adapters were found for '
```

```
ftp://ftp.gtlib.gatech.edu/pub/centos/6.6/os/x86\_64/images/boot.iso'
```

```
Aug 7 18:28:20 pulp: nectar.downloaders.threaded:ERROR: (25682-61856) Traceback (most recent call last):
```

```
Aug 7 18:28:20 pulp: nectar.downloaders.threaded:ERROR: (25682-61856) File
```

```
"/usr/lib/python2.6/site-packages/nectar/downloaders/threaded.py", line 190, in _fetch
```

```
Aug 7 18:28:20 pulp: nectar.downloaders.threaded:ERROR: (25682-61856) response = session.get(request.url, headers=headers)
```

```
Aug 7 18:28:20 pulp: nectar.downloaders.threaded:ERROR: (25682-61856) File
```

```
"/usr/lib/python2.6/site-packages/requests/sessions.py", line 469, in get
```

```
Aug 7 18:28:20 pulp: nectar.downloaders.threaded:ERROR: (25682-61856) return self.request('GET', url, **kwargs)
```

```
Aug 7 18:28:20 pulp: nectar.downloaders.threaded:ERROR: (25682-61856) File
```

```
"/usr/lib/python2.6/site-packages/requests/sessions.py", line 457, in request
```

```
Aug 7 18:28:20 pulp: nectar.downloaders.threaded:ERROR: (25682-61856) resp = self.send(prepare_request(**kwargs))
```

```
Aug 7 18:28:20 pulp: nectar.downloaders.threaded:ERROR: (25682-61856) File
```

```
"/usr/lib/python2.6/site-packages/requests/sessions.py", line 595, in send
```

```
Aug 7 18:28:20 pulp: nectar.downloaders.threaded:ERROR: (25682-61856) history = [resp for resp in gen] if allow_redirects else []
```

```
Aug 7 18:28:20 pulp: nectar.downloaders.threaded:ERROR: (25682-61856) File
```

```
"/usr/lib/python2.6/site-packages/requests/sessions.py", line 189, in resolve_redirects
```

```
Aug 7 18:28:20 pulp: nectar.downloaders.threaded:ERROR: (25682-61856) allow_redirects=False,
```

```
Aug 7 18:28:20 pulp: nectar.downloaders.threaded:ERROR: (25682-61856) File
```

```
"/usr/lib/python2.6/site-packages/requests/sessions.py", line 563, in send
```

```
Aug 7 18:28:20 pulp: nectar.downloaders.threaded:ERROR: (25682-61856) adapter = self.get_adapter(url=request.url)
```

```
Aug 7 18:28:20 pulp: nectar.downloaders.threaded:ERROR: (25682-61856) File
```

"/usr/lib/python2.6/site-packages/requests/sessions.py", line 642, in get_adapter
Aug 7 18:28:20 pulp: nectar.downloaders.threaded:ERROR: (25682-61856) raise InvalidSchema("No connection adapters were found for '%s'" % url)
Aug 7 18:28:20 pulp: nectar.downloaders.threaded:ERROR: (25682-61856) InvalidSchema: No connection adapters were found for 'ftp://ftp.gtlib.gatech.edu/pub/centos/6.6/os/x86_64/images/boot.iso'
Aug 7 18:28:55 pulp: pulp_rpm.plugins.importers.yum.parse.treeinfo:ERROR: some distro file downloads failed
Aug 7 18:28:55 pulp: pulp_rpm.plugins.importers.yum.sync:INFO: Sync complete.

This is likely a related issue - <https://pulp.plan.io/issues/197>

I worked around this by finding another mirror that didn't point to their ftp server to download this iso.

Related issues:

Related to Nectar - Issue #1736: Nectar fails to handle redirects to FTP grac...

CLOSED - WONTFIX

History

#1 - 08/21/2015 04:45 PM - bcourt

- Subject changed from *rpm importer does not support ftp - fails downloading distribution files* to *rpm importer does not support switching protocols from http to ftp mid download using a redirect- fails downloading distribution files*

- Triaged changed from No to Yes

This appears to be happening because the web server is redirecting from an http to an ftp url and nectar is not following the protocol change.

#2 - 08/21/2015 06:07 PM - osabina

From what I could tell nectar only uses Requests.py which only supports http. I don't think the switch is the problem.

Oz

On Aug 21, 2015, at 10:45, Pulp <dropbox+pulp+c71e@plan.io> wrote:

#3 - 03/04/2016 04:59 PM - mhrivnak

- Related to Issue #1736: Nectar fails to handle redirects to FTP gracefully. added

#4 - 04/12/2019 09:16 PM - bmbouter

- Status changed from NEW to CLOSED - WONTFIX

#5 - 04/12/2019 09:19 PM - bmbouter

Pulp 2 is approaching maintenance mode, and this Pulp 2 ticket is not being actively worked on. As such, it is being closed as WONTFIX. Pulp 2 is still accepting contributions though, so if you want to contribute a fix for this ticket, please reopen or comment on it. If you don't have permissions to reopen this ticket, or you want to discuss an issue, please reach out via the [developer mailing list](#).

#6 - 04/15/2019 10:44 PM - bmbouter

- Tags Pulp 2 added