

Pulp - Issue #963

Invalid Content-Encoding HTTP header in REST API

05/08/2015 08:50 AM - pvandepitte

Status:	CLOSED - CURRENTRELEASE	Start date:	
Priority:	High	Due date:	
Assignee:	amacdona@redhat.com	Estimated time:	0:00 hour
Category:			
Sprint/Milestone:			
Severity:	1. Low	Groomed:	No
Version:	2.5	Sprint Candidate:	No
Platform Release:	2.8.7	Tags:	Easy Fix, Pulp 2
OS:	CentOS 6	Sprint:	
Triaged:	Yes	Quarter:	
Description			
When I upload metadata, the V2 REST API returns an invalid Content-Encoding HTTP header: utf-8. Some libraries (e.g. apache commons-httpclient) fail on invalid values for Content-Encoding... Valid content encodings are e.g. gzip, inflate, ... utf-8 is a charset and should be appended to the content-type header			
<pre>curl -ik --cert /path/to/client.pem -X POST -d @/path/to/metadata.json https://pulp.host/pulp/api/v2/repositories/repo-id/actions/import_upload/ HTTP/1.1 202 Accepted Date: Thu, 07 May 2015 15:31:06 GMT Server: Apache/2.2.15 (CentOS) Content-Encoding: utf-8 Content-Length: 172 Connection: close Content-Type: application/json {"spawned_tasks": [{"_href": "/pulp/api/v2/tasks/3f9e74d3-fc7a-410d-9ae3-9f679c317289/", "task_id": "3f9e74d3-fc7a-410d-9ae3-9f679c317289"}], "result": null, "error": null}</pre>			

Associated revisions

Revision 8bf3c595 - 06/29/2015 11:09 PM - Austin Macdonald

fix http header responses

fixes #963

Revision 8bf3c595 - 06/29/2015 11:09 PM - Austin Macdonald

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History

#1 - 05/15/2015 05:41 AM - mhrivnak

How strange. Thanks for the report. Here is some info on where it's happening:

```
$ grep -r -i content-encoding *
pulp/server/webservices/middleware/postponed.py:         response_obj['Content-Encoding'] = 'utf-8'
pulp/server/webservices/middleware/exception.py: response_obj['Content-Encoding'] = 'utf-8'
```

#2 - 05/15/2015 05:01 PM - jortel@redhat.com

- Priority changed from Normal to High

- Triaged changed from No to Yes

- Tags Easy Fix added

#3 - 05/15/2015 05:02 PM - jortel@redhat.com

- Severity changed from 2. Medium to 1. Low

#4 - 06/29/2015 09:46 PM - amacdona@redhat.com

- Status changed from NEW to ASSIGNED

- Assignee set to amacdona@redhat.com

- Platform Release set to 2.7.1

#5 - 06/29/2015 11:12 PM - amacdona@redhat.com

<https://github.com/pulp/pulp/pull/1960>

#6 - 06/29/2015 11:12 PM - amacdona@redhat.com

- Status changed from ASSIGNED to POST

#7 - 07/07/2015 05:42 PM - amacdona@redhat.com

- Status changed from POST to MODIFIED

#8 - 07/07/2015 05:46 PM - Anonymous

- % Done changed from 0 to 100

Applied in changeset [pulp|8bf3c595f283d5072cfdce617c1e1623684132d8](https://github.com/pulp/pulp/pull/1960).

#9 - 12/10/2015 08:16 PM - amacdona@redhat.com

- Platform Release changed from 2.7.1 to 2.7.2

#10 - 02/23/2016 09:55 PM - dkliban@redhat.com

- Status changed from MODIFIED to 5

#11 - 05/27/2016 06:18 PM - semyers

- Status changed from 5 to CLOSED - CURRENTRELEASE

- Platform Release changed from 2.7.2 to 2.7.0

#12 - 08/03/2016 10:38 PM - amacdona@redhat.com

- Status changed from CLOSED - CURRENTRELEASE to POST

- Triaged changed from Yes to No

<https://github.com/pulp/pulp/pull/2680>

#13 - 08/05/2016 04:34 PM - amacdona@redhat.com

- Status changed from POST to MODIFIED

- Platform Release changed from 2.7.0 to 2.8.7

- Triaged changed from No to Yes

#14 - 08/15/2016 03:54 PM - semyers

- Status changed from MODIFIED to 5

#15 - 08/15/2016 08:01 PM - pthomas@redhat.com

- Status changed from 5 to 6

verified

```
$ ssh $hostname rpm -qa | sort | grep -i pulp
pulp-admin-client-2.8.7-0.3.beta.el7.noarch
pulp-docker-admin-extensions-2.0.3-1.el7.noarch
pulp-docker-plugins-2.0.3-1.el7.noarch
pulp-ostree-admin-extensions-1.1.3-1.el7.noarch
pulp-ostree-plugins-1.1.3-1.el7.noarch
pulp-puppet-admin-extensions-2.8.7-0.2.beta.el7.noarch
```

```
pulp-puppet-plugins-2.8.7-0.2.beta.el7.noarch
pulp-python-admin-extensions-1.1.3-1.el7.noarch
pulp-python-plugins-1.1.3-1.el7.noarch
pulp-rpm-admin-extensions-2.8.7-0.2.beta.el7.noarch
pulp-rpm-plugins-2.8.7-0.2.beta.el7.noarch
pulp-selinux-2.8.7-0.3.beta.el7.noarch
pulp-server-2.8.7-0.3.beta.el7.noarch
python-isodate-0.5.0-4.pulp.el7.noarch
python-kombu-3.0.33-6.pulp.el7.noarch
python-pulp-bindings-2.8.7-0.3.beta.el7.noarch
python-pulp-client-lib-2.8.7-0.3.beta.el7.noarch
python-pulp-common-2.8.7-0.3.beta.el7.noarch
python-pulp-docker-common-2.0.3-1.el7.noarch
python-pulp-oid_validation-2.8.7-0.3.beta.el7.noarch
python-pulp-ostree-common-1.1.3-1.el7.noarch
python-pulp-puppet-common-2.8.7-0.2.beta.el7.noarch
python-pulp-python-common-1.1.3-1.el7.noarch
python-pulp-repoauth-2.8.7-0.3.beta.el7.noarch
python-pulp-rpm-common-2.8.7-0.2.beta.el7.noarch
python-pulp-streamer-2.8.7-0.3.beta.el7.noarch
```

```
http --verify no --auth admin:admin POST https://localhost/pulp/api/v2/repositories/
/usr/lib/python2.7/site-packages/urllib3/connectionpool.py:769: InsecureRequestWarning: Unverified HTTPS request is being made. Adding certificate verification is strongly advised. See: https://urllib3.readthedocs.org/en/latest/security.html
  InsecureRequestWarning)
HTTP/1.1 400 BAD REQUEST
Connection: close
Content-Length: 328
Content-Type: application/json; charset=utf-8
Date: Mon, 15 Aug 2016 17:56:19 GMT
Server: Apache/2.4.6 (Red Hat Enterprise Linux) OpenSSL/1.0.1e-fips mod_wsgi/3.4 Python/2.7.5
```

```
{
  "_href": "/pulp/api/v2/repositories/",
  "args": [],
  "error": {
    "code": "PLP1009",
    "data": {},
    "description": "The request body does not contain valid JSON",
    "sub_errors": []
  },
  "error_message": "The request body does not contain valid JSON",
  "exception": null,
  "http_request_method": "POST",
  "http_status": 400,
  "traceback": null
}
```

#16 - 08/19/2016 03:57 PM - semyers

- Status changed from 6 to CLOSED - CURRENTRELEASE

#18 - 04/15/2019 10:49 PM - bmbouter

- Tags Pulp 2 added