

Pulp - Issue #482

Malformed JSON results in a 500 response

02/28/2015 11:14 PM - jcline@redhat.com

Status: CLOSED - CURRENTRELEASE	Start date:
Priority: Normal	Due date:
Assignee: amacдона@redhat.com	Estimated time: 0:00 hour
Category: API	
Sprint/Milestone:	
Severity: 1. Low	Sprint Candidate: No
Version: Master	Tags: Pulp 2
Platform Release: 2.7.0	QA Contact: pthomas@redhat.com
Blocks Release:	Complexity:
OS:	Smash Test:
Backwards Incompatible: No	Verified: Yes
Triaged: Yes	Verification Required: No
Groomed: No	Sprint:
Description	
Description of problem: If you pass unparsable JSON to Pulp, it results in a 500.	
Version-Release number of selected component (if applicable): master	
How reproducible:	
Steps to Reproduce: 1. curl -i -H "Accept: application/json" -X POST -d '{"oh_no": "I forgot a closing mustachio"}' -u admin:admin -k 'https://localhost/pulp/api/v2/repositories/' 2. 3.	
Actual results: HTTP/1.1 500 Internal Server Error Date: Thu, 07 Aug 2014 15:35:05 GMT Server: Apache/2.4.10 (Fedora) OpenSSL/1.0.1e-fips mod_wsgi/3.5 Python/2.7.5 Content-Encoding: utf-8 Content-Length: 4686 Connection: close Content-Type: application/json	
<pre>{ "_href": "/pulp/api/v2/repositories/", "error_message": "Unhandled Exception", "exception": ["ValueError: Expecting object: line 1 column 40 (char 39)\n"], "http_request_method": "POST", "http_status": 500, "traceback": [" File \"/home/jcline/devel/pulp/server/pulp/server/webservices/middleware/exception.py", line 44, in call\n return self.app(envIRON, start_response)\n", " File \"/home/jcline/devel/pulp/server/pulp/server/webservices/middleware/postponed.py", line 42, in call\n return self.app(envIRON, start_response)\n", " File \"/usr/lib/python2.7/site-packages/web/application.py", line 279, in wsgi\n result = self.handle_with_processors()\n", " File \"/home/jcline/devel/pulp/server/pulp/server/webservices/application.py", line 29, in handle_with_processors\n return process(self.processors)\n",</pre>	

```

" File \"/home/jcline/devel/pulp/server/pulp/server/webservices/application.py\", line 26, in process\n  return p(lambda:
process(processors))\n",
" File \"/usr/lib/python2.7/site-packages/web/application.py\", line 566, in processor\n  return handler()\n",
" File \"/home/jcline/devel/pulp/server/pulp/server/webservices/application.py\", line 26, in <lambda>\n  return p(lambda:
process(processors))\n",
" File \"/home/jcline/devel/pulp/server/pulp/server/webservices/application.py\", line 26, in process\n  return p(lambda:
process(processors))\n",
" File \"/usr/lib/python2.7/site-packages/web/application.py\", line 581, in processor\n  result = handler()\n",
" File \"/home/jcline/devel/pulp/server/pulp/server/webservices/application.py\", line 26, in <lambda>\n  return p(lambda:
process(processors))\n",
" File \"/home/jcline/devel/pulp/server/pulp/server/webservices/application.py\", line 28, in process\n  return self.handle()\n",
" File \"/usr/lib/python2.7/site-packages/web/application.py\", line 230, in handle\n  return self._delegate(fn, self.fvars, args)\n",
" File \"/usr/lib/python2.7/site-packages/web/application.py\", line 422, in _delegate\n  return f()\n",
" File \"/usr/lib/python2.7/site-packages/web/application.py\", line 430, in <lambda>\n  f = lambda:
self._delegate_sub_application(pat, what)\n",
" File \"/usr/lib/python2.7/site-packages/web/application.py\", line 455, in _delegate_sub_application\n  return
app.handle_with_processors()\n",
" File \"/home/jcline/devel/pulp/server/pulp/server/webservices/application.py\", line 29, in _handle_with_processors\n  return
process(self.processors)\n",
" File \"/home/jcline/devel/pulp/server/pulp/server/webservices/application.py\", line 26, in process\n  return p(lambda:
process(processors))\n",
" File \"/usr/lib/python2.7/site-packages/web/application.py\", line 566, in processor\n  return handler()\n",
" File \"/home/jcline/devel/pulp/server/pulp/server/webservices/application.py\", line 26, in <lambda>\n  return p(lambda:
process(processors))\n",
" File \"/home/jcline/devel/pulp/server/pulp/server/webservices/application.py\", line 26, in process\n  return p(lambda:
process(processors))\n",
" File \"/usr/lib/python2.7/site-packages/web/application.py\", line 581, in processor\n  result = handler()\n",
" File \"/home/jcline/devel/pulp/server/pulp/server/webservices/application.py\", line 26, in <lambda>\n  return p(lambda:
process(processors))\n",
" File \"/home/jcline/devel/pulp/server/pulp/server/webservices/application.py\", line 28, in process\n  return self.handle()\n",
" File \"/usr/lib/python2.7/site-packages/web/application.py\", line 230, in handle\n  return self._delegate(fn, self.fvars, args)\n",
" File \"/usr/lib/python2.7/site-packages/web/application.py\", line 420, in _delegate\n  return handle_class(cls)\n",
" File \"/usr/lib/python2.7/site-packages/web/application.py\", line 396, in handle_class\n  return tocall(*args)\n",
" File \"/home/jcline/devel/pulp/server/pulp/server/webservices/controllers/decorators.py\", line 227, in _auth_decorator\n  value =
method(self, *args, **kwargs)\n",
" File \"/home/jcline/devel/pulp/server/pulp/server/webservices/controllers/repositories.py\", line 149, in POST\n  repo_data =
self.params()\n",
" File \"/home/jcline/devel/pulp/server/pulp/server/webservices/controllers/base.py\", line 67, in params\n  deserialized_data =
json.loads(data)\n",
" File \"/usr/lib64/python2.7/json/_init_.py\", line 338, in loads\n  return _default_decoder.decode(s)\n",
" File \"/usr/lib64/python2.7/json/decoder.py\", line 365, in decode\n  obj, end = self.raw_decode(s, idx=_w(s, 0).end())\n",
" File \"/usr/lib64/python2.7/json/decoder.py\", line 381, in raw_decode\n  obj, end = self.scan_once(s, idx)\n"
]
}

```

Expected results:

Something a little more graceful

Additional info:

+ This bug was cloned from [Bugzilla Bug #1127821](#) +

History

#1 - 03/02/2015 04:50 PM - amacdona@redhat.com

This change will be made for all urls through the django conversion.

#2 - 03/20/2015 08:13 PM - bmbouter

- Severity changed from Low to 1. Low

#3 - 03/31/2015 07:34 PM - amacdona@redhat.com

- Status changed from ASSIGNED to MODIFIED

- Platform Release set to 2.7.0

#4 - 06/15/2015 08:34 PM - dkliban@redhat.com

- Status changed from MODIFIED to ON_QA

#5 - 07/02/2015 04:54 PM - pthomas@redhat.com

- Status changed from ON_QA to VERIFIED

- QA Contact set to pthomas@redhat.com

Verified

```
[root@qe-blade-10 ~]# rpm -qa pulp-server
pulp-server-2.7.0-0.3.beta.el6.noarch
[root@qe-blade-10 ~]#
```

```
[root@qe-blade-10 ~]# curl -i -H "Accept: application/json" -X POST -d '{"oh_no": "I_forgot_a_closing_mustachi
o"' -u admin:admin -k 'https://localhost/pulp/api/v2/repositories/'
HTTP/1.1 400 BAD REQUEST
Date: Thu, 02 Jul 2015 14:29:58 GMT
Server: Apache/2.2.15 (Red Hat)
Content-Encoding: utf-8
Content-Length: 328
Connection: close
Content-Type: application/json
```

```
{"http_request_method": "POST", "exception": null, "error_message": "The request body does not contain valid J
SON", "_href": "/pulp/api/v2/repositories/", "http_status": 400, "error": {"code": "PLP1009", "data": {}, "des
cription": "The request body does not contain valid JSON", "sub_errors": []}, "args": [], "traceback": null}{r
oot@qe-blade-10 ~]#
```

#6 - 11/06/2015 08:35 PM - amacdona@redhat.com

- Status changed from VERIFIED to CLOSED - CURRENTRELEASE

#7 - 02/06/2017 08:04 PM - pulpbot

- Verified changed from No to Yes

#8 - 04/15/2019 11:11 PM - bmbouter

- Tags Pulp 2 added