

Foreman - Bug #6774

Receive HTTP 500 after issuing HTTP POST with non-JSON request body

07/24/2014 12:17 PM - Dominic Cleal

Status:	Closed	
Priority:	Normal	
Assignee:	Tom Caspy	
Category:	API	
Target version:	1.8.0	
Difficulty:		Fixed in Releases:
Triaged:		Found in Releases:
Bugzilla link:	1122257	Red Hat JIRA:
Pull request:	https://github.com/foreman/foreman/pull/2074	

Description

Cloned from https://bugzilla.redhat.com/show_bug.cgi?id=1122257

Description of problem:

Issuing an HTTP POST request to (thus far) absolutely any URL results in an HTTP 500 error. This occurs when credentials are not supplied with the request.

Version-Release number of selected component (if applicable):

- apr-util-ldap-1.3.9-3.el6_0.1.x86_64
- candlepin-0.9.21-1.el6.noarch
- candlepin-selinux-0.9.21-1.el6.noarch
- candlepin-tomcat6-0.9.21-1.el6.noarch
- elasticsearch-0.90.10-4.el6.noarch
- foreman-1.6.0-0.develop.201407211519git93f6f75.el6.noarch
- foreman-compute-1.6.0-0.develop.201407211519git93f6f75.el6.noarch
- foreman-gce-1.6.0-0.develop.201407211519git93f6f75.el6.noarch
- foreman-libvirt-1.6.0-0.develop.201407211519git93f6f75.el6.noarch
- foreman-ovirt-1.6.0-0.develop.201407211519git93f6f75.el6.noarch
- foreman-postgresql-1.6.0-0.develop.201407211519git93f6f75.el6.noarch
- foreman-proxy-1.6.0-0.develop.201407211449git2cba606.el6.noarch
- foreman-release-1.6.0-0.develop.201407211519git93f6f75.el6.noarch
- foreman-selinux-1.6.0-0.develop.201406261522git5532684.el6.noarch
- foreman-vmware-1.6.0-0.develop.201407211519git93f6f75.el6.noarch
- katello-1.5.0-14.201407211524gitddbde13.el6.noarch
- katello-ca-1.0-1.noarch
- katello-certs-tools-1.5.2-1.git.1.edab2c4.el6.noarch
- katello-installer-0.0.19-1.201407162131gitb142720.el6.noarch
- katello-repos-1.5.1-1.git.14.0868bd1.el6.noarch
- openldap-2.4.23-31.el6.x86_64
- pulp-katello-0.3-3.el6.noarch
- pulp-nodes-common-2.4.0-0.24.beta.el6.noarch
- pulp-nodes-parent-2.4.0-0.24.beta.el6.noarch
- pulp-puppet-plugins-2.4.0-0.24.beta.el6.noarch
- pulp-puppet-tools-2.4.0-0.24.beta.el6.noarch
- pulp-rpm-plugins-2.4.0-0.24.beta.el6.noarch
- pulp-selinux-2.4.0-0.24.beta.el6.noarch
- pulp-server-2.4.0-0.24.beta.el6.noarch
- python-ldap-2.3.10-1.el6.x86_64
- ruby193-rubygem-net-ldap-0.3.1-2.el6.noarch
- ruby193-rubygem-runcible-1.1.0-1.el6.noarch

How reproducible:

100%

Steps to Reproduce:

1. Issue an HTTP POST request to any URL, and do not provide credentials.

2. Examine the status code of the response.
3. See an HTTP 500. :(

Actual results:
HTTP 500

Expected results:
HTTP 401

Additional info:

Relevant test code can be seen here:

https://github.com/omaciel/robottelo/blob/master/tests/foreman/api/test_multiple_paths.py#L130-L154

Pull request [#1068](#) will cause the code to move. If it is accepted, you can find the test code here instead:

https://github.com/omaciel/robottelo/blob/master/tests/foreman/api/test_multiple_paths.py#L96-L120

Associated revisions

Revision 44dbdbc3 - 02/08/2015 03:50 PM - Tom Caspy

fixes #6774 - in case of parsing of non json or broken json, return 400

History

#1 - 07/24/2014 12:20 PM - Dominic Cleal

- Category set to API

- Assignee deleted (Dominic Cleal)

I've only reproduced this on an EL6 installation, so it might be partially dependent on the versions of RPMs versus a source install.

Simple reproducer:

```
curl -d "null" -H "Content-type: application/json" -k http://foreman-el6.example.com/api/v2/hosts
```

The following error is logged in production.log:

```
NoMethodError (undefined method `each' for nil:NilClass):  
  lib/middleware/catch_json_parse_errors.rb:9:in `call'
```

A similar issue occurs if you provide invalid JSON:

```
curl -d '{"foo" -H "Content-type: application/json" -k http://foreman-el6.example.com/api/v2/hosts
```

```
MultiJson::LoadError (784: unexpected token at '{"foo'):  
  lib/middleware/catch_json_parse_errors.rb:9:in `call'
```

#2 - 01/12/2015 10:23 AM - Tom Caspy

- Assignee set to Tom Caspy

#3 - 01/12/2015 10:33 AM - The Foreman Bot

- Status changed from New to Ready For Testing

- Pull request <https://github.com/theforeman/foreman/pull/2074> added

- Pull request deleted ()

#4 - 01/13/2015 04:43 AM - Tom Caspy

just a correction to the ticket description: the expected result should be 400 (bad request), not 401 (unauthorised)

#5 - 02/08/2015 04:01 PM - Tom Caspy

- Status changed from Ready For Testing to Closed

- % Done changed from 0 to 100

Applied in changeset [44dbdbc3b5d9bba1a3e81825abc4430a7f99d753](#).

#6 - 02/09/2015 03:36 AM - Dominic Cleal

- translation missing: en.field_release set to 28