

Foreman - Bug #13713

Create compute resource with API fails

02/15/2016 10:38 AM - Anonymous

Status: Feedback	
Priority: Normal	
Assignee:	
Category: API	
Target version:	
Difficulty:	Fixed in Releases:
Triaged:	Found in Releases: 1.10.1
Bugzilla link:	Red Hat JIRA:
Pull request:	
Description	
Hello,	
Since I've updated to Foreman 1.10.1, creating a compute resource using the API produces this error: "error": {"message": "ERF42-1330 [Foreman::Exception]: must provide a provider"}	
Log:	
<pre># curl -L -k -u user:password -H Content-Type:application/json -H Accept:application/json,version=2 -X POST http://foreman/api/compute_resources/ -d '{"compute_resource": {"name": "Openstack", "provider": "Openstack", "user": "admin", "password": "changeme", "url": "http://1.2.3.4:5000/v2.0/tokens", "tenant": "admin", "description": "test" }}' -vvv * About to connect() to foreman port 80 (#0) * Trying foreman... connected * Connected to foreman (1.2.3.3) port 80 (#0) * Server auth using Basic with user 'user' > POST /api/compute_resources/ HTTP/1.1 > Authorization: Basic YXBpYWRtaW46YTEzaUFEbU1OUGE1NVcwcmQ= > User-Agent: curl/7.19.7 (x86_64-redhat-linux-gnu) libcurl/7.19.7 NSS/3.15.3 zlib/1.2.3 libidn/1.18 libssh2/1.4.2 > Host: 1.2.3.3 > Content-Type:application/json > Accept:application/json,version=2 > Content-Length: 221 > < HTTP/1.1 301 Moved Permanently < Date: Mon, 15 Feb 2016 15:29:15 GMT < Server: Apache/2.2.15 (Red Hat) < Apipie-Checksum: 471e67ed3baf2103277866da41f4c006 < X-UA-Compatible: IE=Edge,chrome=1 < Cache-Control: no-cache < X-Request-Id: 076f82c9004ce38b87f420066ec8a558 < X-Runtime: 0.011892 < X-Rack-Cache: invalidate, pass < X-Powered-By: Phusion Passenger 4.0.18 < Set-Cookie: request_method=POST; path=/ < Location: https://foreman/api/compute_resources < Status: 301 Moved Permanently < Vary: Accept-Encoding < Connection: close < Transfer-Encoding: chunked < Content-Type: text/html; charset=utf-8 < * Closing connection #0 * Issue another request to this URL: 'https://foreman/api/compute_resources' * Violate RFC 2616/10.3.2 and switch from POST to GET * About to connect() to foreman port 443 (#0)</pre>	

```

* Trying foreman... connected
* Connected to foreman (1.2.3.3) port 443 (#0)
* Initializing NSS with certpath: sql:/etc/pki/nssdb
* warning: ignoring value of ssl.verifyhost
* skipping SSL peer certificate verification
* NSS: client certificate not found (nickname not specified)
* SSL connection using TLS_DHE_RSA_WITH_AES_256_CBC_SHA
* Server certificate:
*   subject: CN=foreman.test
*   start date: févr. 14 14:21:23 2016 GMT
*   expire date: févr. 13 14:21:23 2021 GMT
*   common name: foreman.test
*   issuer: CN=Puppet CA: foreman.test
* Server auth using Basic with user 'user'
> POST /api/compute_resources HTTP/1.1
> Authorization: Basic YXBpYWRTaW46YTEzaUFEbU1OUGE1NVcwcmQ=
> User-Agent: curl/7.19.7 (x86_64-redhat-linux-gnu) libcurl/7.19.7 NSS/3.15.3 zlib/1.2.3 libidn/1.18 libssh2/1.4.2
> Host: 10.0.232.59
> Content-Type:application/json
> Accept:application/json,version=2
>
< HTTP/1.1 500 Internal Server Error
< Date: Mon, 15 Feb 2016 15:29:15 GMT
< Server: Apache/2.2.15 (Red Hat)
< Foreman_version: 1.10.1
< Foreman_api_version: 2
< Apipie-Checksum: 471e67ed3baf2103277866da41f4c006
< X-UA-Compatible: IE=Edge,chrome=1
< Cache-Control: no-cache
< X-Request-Id: 327b938888c5b99a5c82c93a3c1db35c
< X-Runtime: 0.028014
< X-Rack-Cache: invalidate, pass
< X-Powered-By: Phusion Passenger 4.0.18
< Set-Cookie: request_method=POST; path=/
< Set-Cookie: _session_id=BAh7B0kiD3Nlc3Npb25faWQGOgZFRkkiJTk2OWQxNTgwOTk3YjJkMzQ3Nzk4MDkzZjQwZmZlMGM4Bj5AVEkiC2xvY2FsZQY7AEZJIgdlbgY7AEY%3D--8578d3d2d5137b8cdd8ec04f1983bbc0584e9168; path=/; HttpOnly
< Status: 500 Internal Server Error
< Connection: close
< Transfer-Encoding: chunked
< Content-Type: application/json; charset=utf-8
<
{
  "error": {"message": "ERF42-1330 [Foreman::Exception]: must provide a provider"}
}
* Closing connection #0

```

History

#1 - 02/15/2016 11:02 AM - Dominic Cleal

Could you try using the HTTPS URL in your request, not HTTP?

It kind of indicates that curl isn't sending the JSON body (-d) again after being redirected as there's no Content-Length header on the second request.

The API was changed to require HTTPS to match the UI in 1.9, see <http://theforeman.org/manuals/1.9/index.html#Releasenotesfor1.9.0> under Security.

#2 - 02/15/2016 11:03 AM - Dominic Cleal

- Description updated

- Category set to API

- Status changed from New to Feedback

#3 - 02/15/2016 11:08 AM - Anonymous

same result with https and no redirection (without -L flag)

```
# curl -k -u user:password -H Content-Type:application/json -H Accept:application/json,version=2 -X POST https://1.2.3.3/api/compute_resources/ -d '{ "compute_resource": { "name": "Openstack", "provider": "Openstack", "provider_friendly_name": "OpenStack", "user": "admin", "password": "changeme", "url": "http://1.2.3.4:5000/v2.0/tokens", "tenant": "admin", "description": "test" } }'
```

```
{
  "error": { "message": "ERF42-1330 [Foreman::Exception]: must provide a provider" }
}
```

#4 - 02/15/2016 12:01 PM - Anonymous

Actually the provider `"Openstack"` must be written `"openstack"` to make it work.
But after the creation, a GET returns `provider="Openstack"`

#5 - 02/16/2016 03:47 AM - Dominic Cleal

I'm not sure I can reproduce that, and the error suggests the provider is missing entirely.

Anyway, it's working for you now?

#6 - 02/16/2016 04:04 AM - Anonymous

Yes, it's working. There is just a mismatch between POST (that accepts only `'openstack'`) and GET (that returns `'Openstack'`).
As you said, I get the same error with `provider=Openstack` or without the `'provider'` parameter.
Thanks