Foreman - Bug #4510

Can't create auth_source_ldap with v1 and v2 api

03/01/2014 10:10 AM - Ronny M

Status:	Resolved		
Priority:	Normal		
Assignee:			
Category:	API		
Target version:			
Difficulty:		**Fixed in Releases:**	
Triaged:		**Found in Releases:**	
Bugzilla link:		**Red Hat JIRA:**	
Pull request:			

Description

Foreman 1.4.1

Can't create auth_source_ldap with api

POSTING:

```
{
 "auth_source_ldap": {
    "type": "AuthSourceLdap",
    "name": "ldap1",
    "host": "ldap.example.com",
 }
}
```

With the following url's

foreman.localdomain/api/auth_source_ldaps
foreman.localdomain/api/v1/auth_source_ldaps
foreman.localdomain/api/v2/auth_source_ldaps

Alway's results in the following error: (doesn't matter how many parameters I specify)

```
{
    "auth_source_ldap": {
        "id": null,
        "errors": {
            "name": [
                "can't be blank"
            ],
            "host": [
                "can't be blank"
            ]
        },
        "full_messages": [
            "Name can't be blank",
            "Server can't be blank"
        ]
    }
}
```

In production.log only the following error is shown.

```
Started POST "/api/auth_source_ldaps" for 192.168.88.1 at 2014-03-01 01:12:46 -0800
Processing by Api::V1::AuthSourceLdapsController#create as JSON
  Parameters: {"apiv"=>"v1"}
```

```
  User Load (0.8ms)  SELECT "users".* FROM "users" WHERE "users"."id" = $1 LIMIT 1  [["id", 1]]
Setting current user thread-local variable to admin
   (0.3ms)  BEGIN
  AuthSource Exists (0.5ms)  SELECT 1 AS one FROM "auth_sources" WHERE "auth_sources"."name" = ''
LIMIT 1
   (0.1ms)  ROLLBACK
Unprocessable entity AuthSourceLdap (id: new):
  Name can't be blank
  Server can't be blank

  Rendered api/v1/errors/unprocessable_entity.json.rabl (1.5ms)
Body: {"auth_source_ldap":{"id":null,"errors":{"name":["can't be blank"],"host":["can't be blank"]
},"full_messages":["Name can't be blank","Server can't be blank"]}}
Completed 422 Unprocessable Entity in 303ms (Views: 2.6ms | ActiveRecord: 1.8ms)
```

Also updating an auth_source_ldap doesn't work, no error occurs but changing port from 389 to 3890 resuls in the following loggin and no change.

```
Started GET "/api/v1/auth_source_ldaps/4" for 192.168.88.1 at 2014-03-01 02:06:06 -0800
Processing by Api::V1::AuthSourceLdapsController#show as JSON
  Parameters: {"apiv"=>"v1", "id"=>"4"}
  ^[[1m^[[35mUser Load (0.5ms)^[[0m  SELECT "users".* FROM "users" WHERE "users"."id" = $1 LIMIT 1
  [["id", 1]]
Setting current user thread-local variable to admin
  ^[[1m^[[36mAuthSourceLdap Load (0.5ms)^[[0m  ^[[1mSELECT "auth_sources".* FROM "auth_sources" WH
ERE "auth_sources"."type" IN ('AuthSourceLdap') AND "auth_sources"."id" = 4 LIMIT 1^[[0m
  Rendered api/v1/auth_source_ldaps/show.json.rabl (90.0ms)
Body: {"auth_source_ldap":{"id":4,"type":"AuthSourceLdap","name":"ldap","host":"ldap.example.com",
"port":389,"account":"","base_dn":"","ldap_filter":"","attr_login":"","attr_firstname":"","attr_la
stname":"","attr_mail":"","onthefly_register":false,"tls":false,"created_at":"2014-03-01T09:31:06Z
","updated_at":"2014-03-01T09:31:06Z"}}
Completed 200 OK in 95ms (Views: 90.8ms | ActiveRecord: 1.0ms)

Started PUT "/api/v1/auth_source_ldaps/4" for 192.168.88.1 at 2014-03-01 02:06:20 -0800
Processing by Api::V1::AuthSourceLdapsController#update as JSON
  Parameters: {"apiv"=>"v1", "id"=>"4"}
  ^[[1m^[[35mUser Load (0.5ms)^[[0m  SELECT "users".* FROM "users" WHERE "users"."id" = $1 LIMIT 1
  [["id", 1]]
Setting current user thread-local variable to admin
  ^[[1m^[[36mAuthSourceLdap Load (0.7ms)^[[0m  ^[[1mSELECT "auth_sources".* FROM "auth_sources" WH
ERE "auth_sources"."type" IN ('AuthSourceLdap') AND "auth_sources"."id" = 4 LIMIT 1^[[0m
  ^[[1m^[[35m (0.3ms)^[[0m  BEGIN
  ^[[1m^[[36mAuthSource Exists (0.5ms)^[[0m  ^[[1mSELECT 1 AS one FROM "auth_sources" WHERE ("auth
_sources"."name" = 'ldap' AND "auth_sources"."id" != 4) LIMIT 1^[[0m
  ^[[1m^[[35m (0.3ms)^[[0m  COMMIT
Body: {"auth_source_ldap":{"account":"","account_password":"","attr_firstname":"","attr_lastname":
"","attr_login":"","attr_mail":"","base_dn":"","created_at":"2014-03-01T09:31:06Z","host":"ldap.ex
ample.com","id":4,"ldap_filter":"","name":"ldap","onthefly_register":false,"port":389,"tls":false,
"updated_at":"2014-03-01T09:31:06Z"}}
Completed 200 OK in 12ms (Views: 0.8ms | ActiveRecord: 0.0ms)
```

History

#1 - 03/03/2014 09:14 AM - Dominic Cleal

- Description updated

- Category set to API

- translation missing: en.field_release deleted (4)

Try getting rid of the outer hash when POSTing, I just tried submitting this and it worked:

```
POST /api/v2/auth_source_ldaps
```

```
{"name":"foo","host":"foo.example.com"}
```

Status: 201 Created

#2 - 03/03/2014 09:14 AM - Dominic Cleal

- Status changed from New to Feedback

Oh, and be sure to specify "Content-Type: application/json" since you're uploading JSON.

#3 - 03/03/2014 10:23 AM - Ronny M

This is what I tried (but now with your example) but keep getting the same error.

```
curl -s -H "Accept:application/json" -k -u admin:changeme -X POST {"name":"foo","host":"foo.example.com"} http
s://foreman.localdomain/api/v2/auth_source_ldaps
{
  "error": {"id":null,"errors":{"name":["can't be blank"],"host":["can't be blank"]},"full_messages":["Name ca
n't be blank","Server can't be blank"]}
}
[root@foreman foreman]# curl -s -H "Accept:application/json" -k -u admin:changeme -X POST {"name":"foo","host"
:"foo.example.com"} https://foreman.localdomain/api/v1/auth_source_ldaps
{"auth_source_ldap":{"id":null,"errors":{"name":["can't be blank"],"host":["can't be blank"]},"full_messages":
["Name can't be blank","Server can't be blank"]}}


Started POST "/api/v2/auth_source_ldaps" for 192.168.88.135 at 2014-03-03 02:13:12 -0800
Processing by Api::V2::AuthSourceLdapsController#create as JSON
  Parameters: {"apiv"=>"v2"}
  ^[[1m^[[36mUser Load (0.7ms)^[[0m  ^[[1mSELECT "users".* FROM "users" WHERE "users"."login" = 'admin' LIMIT
1^[[0m
  ^[[1m^[[35mAuthSource Load (0.5ms)^[[0m  SELECT "auth_sources".* FROM "auth_sources" WHERE "auth_sources"."i
d" = 1 LIMIT 1
  ^[[1m^[[36mCACHE (0.0ms)^[[0m  ^[[1mSELECT "users".* FROM "users" WHERE "users"."login" = 'admin' LIMIT 1^[[
0m
Authenticated user Admin User against INTERNAL authentication source
  ^[[1m^[[35mUser Load (0.5ms)^[[0m  SELECT "users".* FROM "users" WHERE "users"."login" = 'admin' ORDER BY fi
rstname LIMIT 1
Setting current user thread-local variable to admin
  ^[[1m^[[36m (0.2ms)^[[0m  ^[[1mBEGIN^[[0m
  ^[[1m^[[35m (0.5ms)^[[0m  UPDATE "users" SET "last_login_on" = '2014-03-03 10:13:12.084128', "updated_at" =
'2014-03-03 10:13:12.085458' WHERE "users"."id" = 1
  ^[[1m^[[36m (1.1ms)^[[0m  ^[[1mCOMMIT^[[0m
  ^[[1m^[[35mRole Load (0.5ms)^[[0m  SELECT "roles".* FROM "roles" WHERE "roles"."name" = 'Anonymous' LIMIT 1
  ^[[1m^[[36m (0.3ms)^[[0m  ^[[1mSELECT "roles".id FROM "roles" INNER JOIN "user_roles" ON "roles"."id" = "use
r_roles"."role_id" WHERE "user_roles"."user_id" = 1^[[0m
  ^[[1m^[[35mCACHE (0.0ms)^[[0m  SELECT "roles".* FROM "roles" WHERE "roles"."name" = 'Anonymous' LIMIT 1
  ^[[1m^[[36mRole Exists (0.3ms)^[[0m  ^[[1mSELECT 1 AS one FROM "roles" INNER JOIN "user_roles" ON "roles"."i
d" = "user_roles"."role_id" WHERE "user_roles"."user_id" = 1 AND "roles"."id" = 8 LIMIT 1^[[0m
Setting current user thread-local variable to admin
Setting current user thread-local variable to nil
  ^[[1m^[[35mUser Load (0.3ms)^[[0m  SELECT "users".* FROM "users" WHERE "users"."login" = 'admin' LIMIT 1
Authorized user admin(Admin User)
Setting current user thread-local variable to admin
  ^[[1m^[[36m (0.1ms)^[[0m  ^[[1mBEGIN^[[0m
  ^[[1m^[[35mAuthSource Exists (0.3ms)^[[0m  SELECT 1 AS one FROM "auth_sources" WHERE "auth_sources"."name" =
'' LIMIT 1
  ^[[1m^[[36m (0.1ms)^[[0m  ^[[1mROLLBACK^[[0m
Unprocessable entity AuthSourceLdap (id: new):
  Name can't be blank
  Server can't be blank

  Rendered api/v2/errors/unprocessable_entity.json.rabl within api/v2/layouts/error_layout (0.9ms)
Body: {
  "error": {"id":null,"errors":{"name":["can't be blank"],"host":["can't be blank"]},"full_messages":["Name ca
n't be blank","Server can't be blank"]}
}

Completed 422 Unprocessable Entity in 22ms (Views: 1.4ms | ActiveRecord: 5.5ms)

Started POST "/api/v1/auth_source_ldaps" for 192.168.88.135 at 2014-03-03 02:13:47 -0800
Processing by Api::V1::AuthSourceLdapsController#create as JSON
  Parameters: {"apiv"=>"v1"}
  ^[[1m^[[35mUser Load (0.5ms)^[[0m  SELECT "users".* FROM "users" WHERE "users"."login" = 'admin' LIMIT 1
  ^[[1m^[[36mAuthSource Load (0.3ms)^[[0m  ^[[1mSELECT "auth_sources".* FROM "auth_sources" WHERE "auth_source
s"."id" = 1 LIMIT 1^[[0m
  ^[[1m^[[35mCACHE (0.0ms)^[[0m  SELECT "users".* FROM "users" WHERE "users"."login" = 'admin' LIMIT 1
Authenticated user Admin User against INTERNAL authentication source
  ^[[1m^[[36mUser Load (0.4ms)^[[0m  ^[[1mSELECT "users".* FROM "users" WHERE "users"."login" = 'admin' ORDER
BY firstname LIMIT 1^[[0m
```

```
Setting current user thread-local variable to admin
  ^[[1m^[[35m (0.2ms)^[[0m  BEGIN
  ^[[1m^[[36m (0.3ms)^[[0m  ^[[1mUPDATE "users" SET "last_login_on" = '2014-03-03 10:13:47.754480', "updated_a
t" = '2014-03-03 10:13:47.755214' WHERE "users"."id" = 1^[[0m
  ^[[1m^[[35m (0.7ms)^[[0m  COMMIT
  ^[[1m^[[36mRole Load (0.3ms)^[[0m  ^[[1mSELECT "roles".* FROM "roles" WHERE "roles"."name" = 'Anonymous' LIM
IT 1^[[0m
  ^[[1m^[[35m (0.3ms)^[[0m  SELECT "roles".id FROM "roles" INNER JOIN "user_roles" ON "roles"."id" = "user_rol
es"."role_id" WHERE "user_roles"."user_id" = 1
  ^[[1m^[[36mCACHE (0.0ms)^[[0m  ^[[1mSELECT "roles".* FROM "roles" WHERE "roles"."name" = 'Anonymous' LIMIT 1
^[[0m
  ^[[1m^[[35mRole Exists (0.3ms)^[[0m  SELECT 1 AS one FROM "roles" INNER JOIN "user_roles" ON "roles"."id" =
"user_roles"."role_id" WHERE "user_roles"."user_id" = 1 AND "roles"."id" = 8 LIMIT 1
Setting current user thread-local variable to admin
Setting current user thread-local variable to nil
  ^[[1m^[[36mUser Load (0.3ms)^[[0m  ^[[1mSELECT "users".* FROM "users" WHERE "users"."login" = 'admin' LIMIT
1^[[0m
Authorized user admin(Admin User)
Setting current user thread-local variable to admin
  ^[[1m^[[35m (0.1ms)^[[0m  BEGIN
  ^[[1m^[[36mAuthSource Exists (0.3ms)^[[0m  ^[[1mSELECT 1 AS one FROM "auth_sources" WHERE "auth_sources"."na
me" = '' LIMIT 1^[[0m
  ^[[1m^[[35m (0.1ms)^[[0m  ROLLBACK
Unprocessable entity AuthSourceLdap (id: new):
  Name can't be blank
  Server can't be blank

  Rendered api/v1/errors/unprocessable_entity.json.rabl (1.0ms)
Body: {"auth_source_ldap":{"id":null,"errors":{"name":["can't be blank"],"host":["can't be blank"]},"full_mess
ages":["Name can't be blank","Server can't be blank"]}}
Completed 422 Unprocessable Entity in 16ms (Views: 1.6ms | ActiveRecord: 4.1ms)
```

The logging from earlier post was created when I switched from command line to testing with google chrome postman.

I might have forgotten to pass the application/json param/header there but didn't notice because I got same error result as when using command line.

#4 - 03/03/2014 10:27 AM - Ronny M

This error also occurs when using -d between POST and json. (I see I forgot them in the tests above)

#5 - 03/03/2014 10:28 AM - Dominic Cleal

- File Screenshot from 2014-03-03 10_26_36.png added

Your curl examples are missing the Content-Type header. Note that "Accept" isn't the same (that's saying what content you accept **back** from the server) as "Content-Type" (which is the content you're sending). without this header, it'll assume you're using regular form encoded data instead.

Add

```
-H "Content-Type:application/json"
```

I also used Postman to test this earlier, see the screenshot for how I've set it up (Raw, application/json on the right).

#6 - 03/03/2014 11:06 AM - Ronny M

Ok, yes that works :)

Totally forgot that one :(

Please close this one :)

#7 - 03/03/2014 11:10 AM - Dominic Cleal

- Status changed from Feedback to Resolved

Great!

Files

Screenshot from 2014-03-03 10_26_36.png		163 KB	03/03/2014	Dominic Cleal