

Pulp - Issue #4425

It's possible to create a duplicate login if name is different

02/15/2019 07:58 AM - flamarion

Status:	CLOSED - CURRENTRELEASE	Start date:	
Priority:	Normal	Due date:	
Assignee:	ttereshc	Estimated time:	0:00 hour
Category:			
Sprint/Milestone:	2.19.0		
Severity:	3. High	Groomed:	No
Version:	2.18.0	Sprint Candidate:	No
Platform Release:	2.19.0	Tags:	Pulp 2
OS:		Sprint:	Sprint 49
Triaged:	Yes	Quarter:	
Description			
Hi,			
By mistake I've added two users with the same login (oddly Pulp accepted this)			
<pre>pulp-admin auth user create --login fjorg1 --name anyname1 pulp-admin auth user create --login fjorg1 --name anyname2</pre>			
and now when I'm trying to remove one them I'm getting the following error message:			
<pre>pulp-admin auth user delete --login fjorg1 An internal error occurred on the Pulp server:</pre>			
<pre>RequestException: DELETE request on /pulp/api/v2/users/fjorg1/ failed with 500 - 2 items returned, instead of 1</pre>			
I have a monolithic installation with the following packages installed:			
<pre>python-pulp-repoauth-2.18.0-2.el7.noarch python-pulp-rpm-common-2.18.0-1.el7.noarch pulp-rpm-plugins-2.18.0-1.el7.noarch pulp-puppet-tools-2.18.0-1.el7.noarch pulp-ostree-admin-extensions-1.3.1-1.el7.noarch python-pulp-deb-common-1.8.0-1.el7.noarch pulp-docker-plugins-3.2.2-1.el7.noarch pulp-rpm-admin-extensions-2.18.0-1.el7.noarch python-pulp-common-2.18.0-2.el7.noarch python-pulp-oid_validation-2.18.0-2.el7.noarch python-pulp-python-common-2.0.3-1.el7.noarch pulp-selinux-2.18.0-2.el7.noarch pulp-server-2.18.0-2.el7.noarch pulp-python-plugins-2.0.3-1.el7.noarch pulp-puppet-admin-extensions-2.18.0-1.el7.noarch pulp-python-admin-extensions-2.0.3-1.el7.noarch python-pulp-puppet-common-2.18.0-1.el7.noarch python-pulp-docker-common-3.2.2-1.el7.noarch libsolv-0.6.34-2.pulp.el7.x86_64 pulp-deb-plugins-1.8.0-1.el7.noarch python-pulp-client-lib-2.18.0-2.el7.noarch</pre>			

```
pulp-deb-admin-extensions-1.8.0-1.el7.noarch
python-pulp-ostree-common-1.3.1-1.el7.noarch
python2-solv-0.6.34-2.pulp.el7.x86_64
pulp-ostree-plugins-1.3.1-1.el7.noarch
pulp-admin-client-2.18.0-2.el7.noarch
pulp-puppet-plugins-2.18.0-1.el7.noarch
python-pulp-bindings-2.18.0-2.el7.noarch
pulp-docker-admin-extensions-3.2.2-1.el7.noarch
```

Please, can you help to sort this small issue, which is very important for me because it blocks the user to use the pulp-admin. The user can't login.

Associated revisions

Revision 0afb65cc - 02/25/2019 10:59 AM - ttereshc

Add unique index for login

closes #4425 <https://pulp.plan.io/issues/4425>

History

#1 - 02/15/2019 04:56 PM - daviddavis

Thanks for the bug report. Do you have steps on how to produce this error? I tried to create duplicate users but wasn't able to:

```
$ pulp-admin auth user create --login admin --password tester
```

A resource with the ID "admin" already exists.

```
(pulp) [vagrant@pulp2 testrepo]$ pulp-admin -vvvv auth user create --login admin --password tester
2019-02-15 15:49:53,109 - DEBUG - sending POST request to /pulp/api/v2/users/
2019-02-15 15:49:53,243 - INFO - POST request to /pulp/api/v2/users/ with parameters {"login": "admin", "password": "tester", "name": "admin"}
2019-02-15 15:49:53,243 - INFO - Response status : 409
```

2019-02-15 15:49:53,244 - INFO - Response body :

```
{
  "exception": null,
  "traceback": null,
  "_href": "/pulp/api/v2/users/",
  "resource_id": "admin",
  "error_message": "Duplicate resource: admin",
  "http_request_method": "POST",
  "http_status": 409,
  "error": {
    "code": "PLP0018",
    "data": {
      "resource_id": "admin"
    },
    "description": "Duplicate resource: admin",
    "sub_errors": []
  }
}
```

2019-02-15 15:49:53,244 - ERROR - Exception occurred:

```
href:      /pulp/api/v2/users/
method:    POST
status:    409
error:     Duplicate resource: admin
traceback: None
data:      {'resource_id': 'admin', 'error': {'code': 'PLP0018', 'data': {'resource_id': 'admin'}}, 'description': 'Duplicate resource: admin', 'sub_errors': []}
```

A resource with the ID "admin" already exists.

#2 - 02/19/2019 04:34 PM - daviddavis

Also, are you using katello or just straight pulp?

#3 - 02/19/2019 05:07 PM - flamarion

I will update this shortly, I'm on PTO and without access to the environment now.
Some preliminary information:

I'm using Pulp, straight Pulp.

Both users have been added via command pulp-admin, the only difference was the --name parameter.

The first one I've performed the command standalone, to test, the second one was part of a batch where the --login and --name was the same value.

#4 - 02/22/2019 04:27 PM - ipanova@redhat.com

```
$ pulp-admin auth user create --login ina --name ina
Warning: path should have mode 0700 because it may contain sensitive information: /home/ipanova/.pulp/

Enter password for user [ina] :
Re-enter password for user [ina]:

Password cannot be empty

Enter password for user [ina] :
Re-enter password for user [ina]:
Passwords do not match

Enter password for user [ina] :
Re-enter password for user [ina]:
User [ina] successfully created

[ipanova@ina pulp_rpm]$ pulp-admin auth user create --login ina --name lala
Warning: path should have mode 0700 because it may contain sensitive information: /home/ipanova/.pulp/

Enter password for user [ina] :
Re-enter password for user [ina]:
User [ina] successfully created

> use pulp_database
switched to db pulp_database
> db.users.find({'login':'ina'})
{ "_id" : ObjectId("5c7014b845ef4860c90098d3"), "login" : "ina", "name" : "lala", "password" : "3sDJdy2Nl9E=,z
q95pmfDLdPrsLnhpPvRetbRvKc407SiYtj98baRlDY=", "roles" : [ ], "_ns" : "users" }
{ "_id" : ObjectId("5c7014ac45ef4860ca413414"), "login" : "ina", "name" : "ina", "password" : "DQgL9rCTLxQ=,DY
FZltiC79LfORURspfA4cwK8xQB0MXLf15n2BTvCe8=", "roles" : [ ], "_ns" : "users" }
>

[ipanova@ina pulp_rpm]$ pulp-admin auth user delete --login ina
Warning: path should have mode 0700 because it may contain sensitive information: /home/ipanova/.pulp/

An internal error occurred on the Pulp server:

RequestException: DELETE request
on /pulp/api/v2/users/ina/ failed with 500 - 2 items returned, instead of 1
```

#5 - 02/22/2019 04:47 PM - ttereshc

- Subject changed from *Not possible delete duplicate login to pulp-admin allows to create a duplicate login if name is different*
- Description updated
- Triaged changed from *No* to *Yes*

#6 - 02/22/2019 04:49 PM - ttereshc

- Subject changed from *pulp-admin allows to create a duplicate login if name is different* to *It's possible to create a duplicate login if name is different*

#7 - 02/22/2019 04:57 PM - ttereshc

A source of the problem https://github.com/pulp/pulp/blob/2-master/server/pulp/server/db/model/_init_.py#L1184

#8 - 02/25/2019 11:18 AM - ttereshc

- Status changed from *NEW* to *POST*
- Sprint set to *Sprint 49*

<https://github.com/pulp/pulp/pull/3893>

#9 - 02/25/2019 11:31 AM - ttereshc

@flamarion,

The PR in the comment above fixes indexes in the DB, so you can remove a duplicate user manually (see below) and then apply the patch to create a new index.

To remove a duplicated user:

1. Go to the machine where MongoDB is running (or see options for mongo client to connect to a remote host)
2. Find all the duplicated users for your login

```
$ mongo --eval 'db.users.find({login: "your_login_of_interest"})' pulp_database
```

3. Remove a user with a specific name

```
$ mongo --eval 'db.users.remove({login: "your_login_of_interest", name: "name_of_user_to_remove"})' pulp_database
```

4. On the machine where Pulp is installed and running apply a patch from the PR from the comment above, stop pulp services and run `sudo -u apache pulp-manage-db`.

If there are no duplicates left, this command will run successfully and the new index will be created.

Alternatively, if you don't want to apply patches, you can create the index manually. On the machine with MongoDB run

```
$ mongo --eval 'db.users.createIndex({login: 1}, {unique: true, background: false})' pulp_database
```

#10 - 02/25/2019 11:42 AM - ipanova@redhat.com

- Assignee set to ttereshc

#11 - 02/25/2019 02:41 PM - flamarion

[ttereshc](#)

First of all, thank you.

I've applied the index manually and I did manage to remove the duplicated user as well.

```
mongo --eval 'db.users.find({login: "fjorg1"})' pulp_database
MongoDB shell version v4.0.5
connecting to: mongod://127.0.0.1:27017/pulp_database?gssapiServiceName=mongod
Implicit session: session { "id" : UUID("83aa4e1f-5d19-411f-a845-aa3f327c684d") }
MongoDB server version: 4.0.5
{ "_id" : ObjectId("5c655d678204e1263792fa0d"), "login" : "fjorg1", "name" : "fjorg1", "password" : "
BiRAu2DtSYc=,XSDRI7AN0WUi45RPCcXXiWvSmPpv8IBFuOMTcU/h8SU=", "roles" : [ "super-users" ], "_ns" : "users" }
{ "_id" : ObjectId("5c655af78204e12638d9854b"), "login" : "fjorg1", "name" : "Flamarion Jorge", "password" : "
YSwVIg7qJu0=,lGCrJOo3NBOQu37rNfw4uvWYYUdI4p7KGsL3kSjg3Jw=", "roles" : [ "super-users" ], "_ns" : "users" }

mongo --eval 'db.users.remove({login: "fjorg1", name: "fjorg1"})' pulp_database
MongoDB shell version v4.0.5
connecting to: mongod://127.0.0.1:27017/pulp_database?gssapiServiceName=mongod
Implicit session: session { "id" : UUID("71219f1d-3886-48d3-9672-14d597748210") }
MongoDB server version: 4.0.5
WriteResult({ "nRemoved" : 1 })

mongo --eval 'db.users.createIndex({login: 1}, {unique: true, background: false})' pulp_database
MongoDB shell version v4.0.5
connecting to: mongod://127.0.0.1:27017/pulp_database?gssapiServiceName=mongod
Implicit session: session { "id" : UUID("ea9583d4-c1d6-49a9-a462-c9f96486e75b") }
MongoDB server version: 4.0.5
{
  "createdCollectionAutomatically" : false,
  "numIndexesBefore" : 3,
  "numIndexesAfter" : 4,
  "ok" : 1
}

mongo --eval 'db.users.find({login: "fjorg1"})' pulp_database
MongoDB shell version v4.0.5
connecting to: mongod://127.0.0.1:27017/pulp_database?gssapiServiceName=mongod
Implicit session: session { "id" : UUID("856d5cb3-cd9a-494f-8e84-7f51c9f60527") }
MongoDB server version: 4.0.5
{ "_id" : ObjectId("5c655af78204e12638d9854b"), "login" : "fjorg1", "name" : "Flamarion Jorge", "password" : "
YSwVIg7qJu0=,lGCrJOo3NBOQu37rNfw4uvWYYUdI4p7KGsL3kSjg3Jw=", "roles" : [ "super-users" ], "_ns" : "users" }
```

#12 - 02/25/2019 09:10 PM - ttereshc

- Status changed from POST to MODIFIED

Applied in changeset [pulp|0afb65cc165172f6ae7d42e88a994b7346c7e3d6](#).

#13 - 03/14/2019 05:16 PM - ttereshc

- Platform Release set to 2.19.0

#14 - 03/14/2019 05:23 PM - ttereshc

- Sprint/Milestone changed from 2.18.0 to 2.19.0

#15 - 03/20/2019 10:03 AM - ttereshc

- Status changed from MODIFIED to 5

#16 - 04/02/2019 10:52 PM - ttereshc

- Status changed from 5 to CLOSED - CURRENTRELEASE

#17 - 04/15/2019 10:02 PM - bmbouter

- Tags Pulp 2 added