

## Pulp - Issue #8500

### An internal error is raised when assigning permissions to a non-existing object

04/02/2021 01:15 AM - Imjachky

<b>Status:</b>	CLOSED - CURRENTRELEASE	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Imjachky	<b>Estimated time:</b>	0:00 hour
<b>Category:</b>			
<b>Sprint/Milestone:</b>	3.15.0		
<b>Severity:</b>	2. Medium	<b>Groomed:</b>	No
<b>Version:</b>		<b>Sprint Candidate:</b>	No
<b>Platform Release:</b>		<b>Tags:</b>	
<b>OS:</b>		<b>Sprint:</b>	Sprint 101
<b>Triaged:</b>	Yes	<b>Quarter:</b>	

#### Description

Steps to reproduce the behaviour:

```
(pulp) [vagrant@pulp3-source-fedora32 ~]$ pulp group create --name cli_test_group
{
  "name": "cli_test_group",
  "pulp_href": "/pulp/api/v3/groups/1/",
  "id": 1
}

(pulp) [vagrant@pulp3-source-fedora32 ~]$ pulp group permission add --groupname cli_test_group --p
ermission auth.view_group
(pulp) [vagrant@pulp3-source-fedora32 ~]$ pulp group permission list --groupname cli_test_group
[
  {
    "pulp_href": "/pulp/api/v3/groups/1/model_permissions/12/",
    "id": 12,
    "permission": "auth.view_group",
    "obj": null
  }
]

(pulp) [vagrant@pulp3-source-fedora32 ~]$ pulp group permission -t object add --groupname cli_test
_group --permission file.view_filerepository --object /pulp/api/v3/repositories/file/file/44d1a790
-27db-4e40-8903-1dead247dd0e/
Error: <h1>Server Error (500)</h1>
```

#### Traceback:

```
Traceback (most recent call last):
  File "/usr/local/lib/pulp/lib64/python3.8/site-packages/django/core/handlers/exception.py", line
  34, in inner
    response = get_response(request)
  File "/usr/local/lib/pulp/lib64/python3.8/site-packages/django/core/handlers/base.py", line 115,
  in _get_response
    response = self.process_exception_by_middleware(e, request)
  File "/usr/local/lib/pulp/lib64/python3.8/site-packages/django/core/handlers/base.py", line 113,
  in _get_response
    response = wrapped_callback(request, *callback_args, **callback_kwargs)
  File "/usr/local/lib/pulp/lib64/python3.8/site-packages/django/views/decorators/csrf.py", line 5
  4, in wrapped_view
    return view_func(*args, **kwargs)
  File "/usr/local/lib/pulp/lib64/python3.8/site-packages/rest_framework/viewsets.py", line 125, i
  n view
    return self.dispatch(request, *args, **kwargs)
```

```
File "/usr/local/lib/pulp/lib64/python3.8/site-packages/rest_framework/views.py", line 509, in dispatch
    response = self.handle_exception(exc)
File "/usr/local/lib/pulp/lib64/python3.8/site-packages/rest_framework/views.py", line 469, in handle_exception
    self.raise_uncaught_exception(exc)
File "/usr/local/lib/pulp/lib64/python3.8/site-packages/rest_framework/views.py", line 480, in raise_uncaught_exception
    raise exc
File "/usr/local/lib/pulp/lib64/python3.8/site-packages/rest_framework/views.py", line 506, in dispatch
    response = handler(request, *args, **kwargs)
File "/home/vagrant/devel/pulpcore/pulpcore/app/viewsets/user.py", line 333, in create
    object_permission.save()
File "/usr/local/lib/pulp/lib64/python3.8/site-packages/guardian/models/models.py", line 29, in save
    content_type = get_content_type(self.content_object)
File "/usr/local/lib/pulp/lib64/python3.8/site-packages/guardian/ctypes.py", line 10, in get_content_type
    return get_content_type_function(obj)
File "/usr/local/lib/pulp/lib64/python3.8/site-packages/guardian/ctypes.py", line 14, in get_default_content_type
    return ContentType.objects.get_for_model(obj)
File "/usr/local/lib/pulp/lib64/python3.8/site-packages/django/contrib/contenttypes/models.py", line 40, in get_for_model
    opts = self._get_opts(model, for_concrete_model)
File "/usr/local/lib/pulp/lib64/python3.8/site-packages/django/contrib/contenttypes/models.py", line 27, in _get_opts
    model = model._meta.concrete_model
AttributeError: 'NoneType' object has no attribute '_meta'
```

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## Associated revisions

### Revision f4e5751e - 07/19/2021 07:31 PM - Lubos Mjachky

Validate objects in GroupObjectPermissionViewSet

closes #8500

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## History

### #1 - 04/02/2021 01:18 AM - lmjachky

- Description updated

### #2 - 04/06/2021 04:39 PM - daviddavis

- Subject changed from *CLI: An internal error is raised when assigning permissions to a non-existing object* to *An internal error is raised when assigning permissions to a non-existing object*

- Triaged changed from *No* to *Yes*

- Sprint set to *Sprint 94*

### #3 - 04/16/2021 11:13 PM - rchan

- Sprint changed from *Sprint 94* to *Sprint 95*

### #4 - 04/30/2021 06:13 PM - rchan

- Sprint changed from *Sprint 95* to *Sprint 96*

### #5 - 05/14/2021 05:34 PM - rchan

- Sprint changed from *Sprint 96* to *Sprint 97*

### #6 - 06/02/2021 06:02 PM - rchan

- Sprint changed from *Sprint 97* to *Sprint 98*

### #7 - 06/17/2021 10:11 PM - rchan

- Sprint changed from *Sprint 98* to *Sprint 99*

**#8 - 07/02/2021 09:23 PM - rchan**

- Sprint changed from Sprint 99 to Sprint 100

**#9 - 07/07/2021 11:07 AM - Imjachky**

- Status changed from NEW to ASSIGNED

- Assignee set to Imjachky

**#10 - 07/07/2021 01:25 PM - Imjachky**

Similarly, an internal server error is raised when assigning permissions to an already assigned object:

Traceback (most recent call last):

```
File "/usr/local/lib/pulp/lib64/python3.9/site-packages/django/core/handlers/exception.py", line 34, in inner
    response = get_response(request)
File "/usr/local/lib/pulp/lib64/python3.9/site-packages/django/core/handlers/base.py", line 115, in _get_response
    response = self.process_exception_by_middleware(e, request)
File "/usr/local/lib/pulp/lib64/python3.9/site-packages/django/core/handlers/base.py", line 113, in _get_response
    response = wrapped_callback(request, *callback_args, **callback_kwargs)
File "/usr/local/lib/pulp/lib64/python3.9/site-packages/django/views/decorators/csrf.py", line 54, in wrapper_view
    return view_func(*args, **kwargs)
File "/usr/local/lib/pulp/lib64/python3.9/site-packages/rest_framework/viewsets.py", line 125, in view
    return self.dispatch(request, *args, **kwargs)
File "/usr/local/lib/pulp/lib64/python3.9/site-packages/rest_framework/views.py", line 509, in dispatch
    response = self.handle_exception(exc)
File "/usr/local/lib/pulp/lib64/python3.9/site-packages/rest_framework/views.py", line 469, in handle_exception
    self.raise_uncaught_exception(exc)
File "/usr/local/lib/pulp/lib64/python3.9/site-packages/rest_framework/views.py", line 480, in raise_uncaught_exception
    raise exc
File "/usr/local/lib/pulp/lib64/python3.9/site-packages/rest_framework/views.py", line 506, in dispatch
    response = handler(request, *args, **kwargs)
File "/home/vagrant/devel/pulpcore/pulpcore/app/viewsets/user.py", line 343, in create
    object_permission.save()
File "/usr/local/lib/pulp/lib64/python3.9/site-packages/guardian/models/models.py", line 34, in save
    return super().save(*args, **kwargs)
File "/usr/local/lib/pulp/lib64/python3.9/site-packages/django/db/models/base.py", line 743, in save
    self.save_base(using=using, force_insert=force_insert,
File "/usr/local/lib/pulp/lib64/python3.9/site-packages/django/db/models/base.py", line 780, in save_base
    updated = self._save_table(
File "/usr/local/lib/pulp/lib64/python3.9/site-packages/django/db/models/base.py", line 873, in _save_table
    result = self._do_insert(cls._base_manager, using, fields, update_pk, raw)
File "/usr/local/lib/pulp/lib64/python3.9/site-packages/django/db/models/base.py", line 910, in _do_insert
    return manager._insert([self], fields=fields, return_id=update_pk,
File "/usr/local/lib/pulp/lib64/python3.9/site-packages/django/db/models/manager.py", line 82, in manager_method
    return getattr(self.get_queryset(), name)(*args, **kwargs)
File "/usr/local/lib/pulp/lib64/python3.9/site-packages/django/db/models/query.py", line 1186, in _insert
    return query.get_compiler(using=using).execute_sql(return_id)
File "/usr/local/lib/pulp/lib64/python3.9/site-packages/django/db/models/sql/compiler.py", line 1377, in execute_sql
    cursor.execute(sql, params)
File "/usr/local/lib/pulp/lib64/python3.9/site-packages/django/db/backends/utils.py", line 67, in execute
    return self._execute_with_wrappers(sql, params, many=False, executor=self._execute)
File "/usr/local/lib/pulp/lib64/python3.9/site-packages/django/db/backends/utils.py", line 76, in _execute_with_wrappers
    return executor(sql, params, many, context)
File "/usr/local/lib/pulp/lib64/python3.9/site-packages/django/db/backends/utils.py", line 84, in _execute
    return self.cursor.execute(sql, params)
File "/usr/local/lib/pulp/lib64/python3.9/site-packages/django/db/utils.py", line 89, in __exit__
    raise dj_exc_value.with_traceback(traceback) from exc_value
File "/usr/local/lib/pulp/lib64/python3.9/site-packages/django/db/backends/utils.py", line 84, in _execute
    return self.cursor.execute(sql, params)
django.db.utils.IntegrityError: duplicate key value violates unique constraint "guardian_groupobjectperm_group_id_permission_id_o_3f189f7c_uniq"
DETAIL: Key (group_id, permission_id, object_pk)=(1, 276, b291dcbf-7eca-4cdd-86b4-62628febe713) already exists.
pulp [dfb7c6ca32ef4827aca96dadd10d98cb]: 127.0.0.1 - admin [07/Jul/2021:11:23:40 +0000] "POST /pulp/api/v3/groups/1/object_permissions/ HTTP/1.0" 500 27 "-" "python-requests/2.25.1"
```

**#11 - 07/07/2021 05:45 PM - pulpbot**

- Status changed from ASSIGNED to POST

PR: <https://github.com/pulp/pulpcore/pull/1467>

**#12 - 07/15/2021 11:09 PM - rchan**

- Sprint changed from Sprint 100 to Sprint 101

**#13 - 07/19/2021 07:32 PM - Anonymous**

- Status changed from POST to MODIFIED

Applied in changeset [pulpcorelf4e5751ec8da208730c700e6c94b2d10a7d90e41](#).

**#14 - 07/22/2021 03:09 PM - dalley**

- Sprint/Milestone set to 3.15.0

**#15 - 08/26/2021 02:36 PM - pulpbot**

- Status changed from MODIFIED to CLOSED - CURRENTRELEASE