

Pulp - Issue #2970

REST API silently ignores object attributes that don't exist on the serializer

08/10/2017 09:32 PM - mhrivnak

Status: CLOSED - CURRENTRELEASE	Start date:
Priority: High	Due date:
Assignee: muattiyah	Estimated time: 0:00 hour
Category:	
Sprint/Milestone: 3.0.0	
Severity: 2. Medium	Groomed: No
Version:	Sprint Candidate: No
Platform Release:	Tags:
OS:	Sprint:
Triaged: Yes	Quarter:

Description

When creating an object through the DRF-based REST API, if you include attributes that are not part of the model or serializer, they are silently ignored. That should instead result in a failed/rejected request.

I discovered this by trying to create a FileImporter and supplying a "feed" attribute. This was a mistake, because the attribute is named "feed_url". My "feed" was silently ignored, and it wasn't until I tried to sync that I discovered something was wrong.

[ttereshc](#) found these relevant discussions of the topic:

<https://stackoverflow.com/questions/22178266/django-rest-framework-raise-error-when-extra-fields-are-present-on-post>
<https://stackoverflow.com/questions/22352960/how-to-make-a-rest-framework-serializer-disallow-superfluous-fields>

```
(pulp) [vagrant@pulp3 pulp]$ http --auth admin:admin --json POST http://127.0.0.1:8000/api/v3/repositories/ name=foo description=foo scratchpad={' '} notes={' '} foo=123 bar=456
HTTP/1.0 201 CREATED
Allow: GET, POST, HEAD, OPTIONS
Content-Type: application/json
Date: Thu, 10 Aug 2017 19:31:46 GMT
Location: http://127.0.0.1:8000/api/v3/repositories/foo/
Server: WSGIServer/0.2 CPython/3.5.3
Vary: Accept, Cookie
X-Frame-Options: SAMEORIGIN

{
  "_href": "http://127.0.0.1:8000/api/v3/repositories/foo/",
  "content": "http://127.0.0.1:8000/api/v3/repositories/foo/content/",
  "description": "foo",
  "importers": [],
  "last_content_added": null,
  "last_content_removed": null,
  "name": "foo",
  "notes": {},
  "publishers": [],
  "scratchpad": {}
}
```

Related issues:

Related to Pulp - Issue #3785: pulpcore-plugin does not have documentation fo...	CLOSED - WONTFIX
Related to Pulp - Issue #3906: browsable API inserts a csrf token field into ...	CLOSED - CURRENTRELEASE

Associated revisions

Revision c4f8e192 - 06/22/2018 09:32 PM - muattiyah

Raise error on unexpected parameters

Raise a ValidationError when unexpected parameters are passed to an endpoint.

fixes #2970 <https://pulp.plan.io/issues/2970>

Revision c4f8e192 - 06/22/2018 09:32 PM - muattiyah

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Raise a ValidationError when unexpected parameters are passed to an endpoint.

fixes #2970 <https://pulp.plan.io/issues/2970>

History

#1 - 08/11/2017 05:02 PM - ttereshc

- Priority changed from Normal to High

- Triaged changed from No to Yes

#2 - 06/22/2018 11:57 AM - muattiyah

Working on this here <https://github.com/pulp/pulp/pull/3531>

#3 - 06/22/2018 05:34 PM - daviddavis

- Status changed from NEW to POST

- Assignee set to muattiyah

#4 - 06/22/2018 09:32 PM - muattiyah

- Status changed from POST to MODIFIED

Applied in changeset [pulp/c4f8e192629d1d07216c784df375013bd5bdbf67/](https://pulp.plan.io/changesets/pulp/c4f8e192629d1d07216c784df375013bd5bdbf67/).

#6 - 06/22/2018 09:48 PM - muattiyah

- Related to Issue #3785: pulpcore-plugin does not have documentation for ModelSerializer.validate() added

#7 - 08/07/2018 10:08 PM - daviddavis

- Related to Issue #3906: browsable API inserts a csrf token field into all form submissions added

#8 - 04/25/2019 06:46 PM - daviddavis

- Sprint/Milestone set to 3.0.0

#9 - 04/26/2019 10:38 PM - bmbouter

- Tags deleted (Pulp 3)

#10 - 12/13/2019 06:25 PM - bmbouter

- Status changed from MODIFIED to CLOSED - CURRENTRELEASE