

## Pulp - Issue #6569

### Unable to add metadata\_signing\_service to existing repository

04/24/2020 10:54 AM - lieter

<b>Status:</b>	CLOSED - CURRENTRELEASE	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	mdellweg	<b>Estimated time:</b>	0:00 hour
<b>Category:</b>		<b>Groomed:</b>	No
<b>Sprint/Milestone:</b>	3.4.0	<b>Sprint Candidate:</b>	No
<b>Severity:</b>	2. Medium	<b>Tags:</b>	
<b>Version:</b>		<b>Sprint:</b>	Sprint 72
<b>Platform Release:</b>		<b>Quarter:</b>	
<b>OS:</b>			
<b>Triaged:</b>	Yes		
<b>Description</b>			
<p>Having an existing AsciiArmoredDetachedSigningService and RPMRepository, it is not possible to add the signing service to the repository. The worker will error out with this:</p>			
<pre>pulp: rq.worker:ERROR: rest_framework.exceptions.ValidationError: {'metadata_signing_service': [ErrorDetail(string='Unexpected field', code='invalid')]} Traceback (most recent call last):   File "/home/lieter/.virtualenvs/pulp3-devel/lib/python3.8/site-packages/rq/worker.py", line 886, in perform_job     rv = job.perform()   File "/home/lieter/.virtualenvs/pulp3-devel/lib/python3.8/site-packages/rq/job.py", line 664, in perform     self._result = self._execute()   File "/home/lieter/.virtualenvs/pulp3-devel/lib/python3.8/site-packages/rq/job.py", line 670, in _execute     return self.func(*self.args, **self.kwargs)   File "/home/lieter/.virtualenvs/pulp3-devel/lib/python3.8/site-packages/pulpcore/app/tasks/repository.py", line 39, in update     serializer.is_valid(raise_exception=True)   File "/home/lieter/.virtualenvs/pulp3-devel/lib/python3.8/site-packages/rest_framework/serializers.py", line 243, in is_valid     raise ValidationError(self.errors) rest_framework.exceptions.ValidationError: {'metadata_signing_service': [ErrorDetail(string='Unexpected field', code='invalid')]} Traceback (most recent call last):   File "/home/lieter/.virtualenvs/pulp3-devel/lib/python3.8/site-packages/rq/worker.py", line 886, in perform_job     rv = job.perform()   File "/home/lieter/.virtualenvs/pulp3-devel/lib/python3.8/site-packages/rq/job.py", line 664, in perform     self._result = self._execute()   File "/home/lieter/.virtualenvs/pulp3-devel/lib/python3.8/site-packages/rq/job.py", line 670, in _execute     return self.func(*self.args, **self.kwargs)   File "/home/lieter/.virtualenvs/pulp3-devel/lib/python3.8/site-packages/pulpcore/app/tasks/repository.py", line 39, in update     serializer.is_valid(raise_exception=True)   File "/home/lieter/.virtualenvs/pulp3-devel/lib/python3.8/site-packages/rest_framework/serializers.py", line 243, in is_valid     raise ValidationError(self.errors) rest_framework.exceptions.ValidationError: {'metadata_signing_service': [ErrorDetail(string='Unexpected field', code='invalid')]} </pre>			

See the full http requests and responses below:

```
▲ src/Pulp/pulp_workdir http :24817/pulp/api/v3/repositories/rpm/rpm/f7ead468-5b89-468f-bede-030f61fd8582/
HTTP/1.1 200 OK
Allow: GET, PUT, PATCH, DELETE, HEAD, OPTIONS
Connection: close
Content-Length: 402
Content-Type: application/json
Date: Fri, 24 Apr 2020 08:17:36 GMT
Server: gunicorn/20.0.4
Vary: Accept, Cookie
X-Frame-Options: SAMEORIGIN
```

```
{
  "description": null,
  "latest_version_href": "/pulp/api/v3/repositories/rpm/rpm/f7ead468-5b89-468f-bede-030f61fd8582/versions/0/",
  "metadata_signing_service": null,
  "name": "foo",
  "pulp_created": "2020-04-24T08:03:29.906931Z",
  "pulp_href": "/pulp/api/v3/repositories/rpm/rpm/f7ead468-5b89-468f-bede-030f61fd8582/",
  "versions_href": "/pulp/api/v3/repositories/rpm/rpm/f7ead468-5b89-468f-bede-030f61fd8582/versions/"
}
```

```
▲ src/Pulp/pulp_workdir http :24817/pulp/api/v3/signing-services/76df3b27-b955-4001-82c0-7989df073096/
HTTP/1.1 200 OK
Allow: GET, HEAD, OPTIONS
Connection: close
Content-Length: 205
Content-Type: application/json
Date: Fri, 24 Apr 2020 08:17:47 GMT
Server: gunicorn/20.0.4
Vary: Accept, Cookie
X-Frame-Options: SAMEORIGIN
```

```
{
  "name": "sign-metadata",
  "pulp_created": "2020-04-24T08:01:41.459819Z",
  "pulp_href": "/pulp/api/v3/signing-services/76df3b27-b955-4001-82c0-7989df073096/",
  "script": "/home/lieter/src/Pulp/pulp_workdir/sign.sh"
}
```

```
▲ src/Pulp/pulp_workdir http PATCH :24817/pulp/api/v3/repositories/rpm/rpm/f7ead468-5b89-468f-bede-030f61fd8582/ metadata_signing_service=/pulp/api/v3/signing-services/76df3b27-b955-4001-82c0-7989df073096/
HTTP/1.1 202 Accepted
Allow: GET, PUT, PATCH, DELETE, HEAD, OPTIONS
Connection: close
Content-Length: 67
Content-Type: application/json
Date: Fri, 24 Apr 2020 08:18:06 GMT
Server: gunicorn/20.0.4
Vary: Accept, Cookie
X-Frame-Options: SAMEORIGIN
```

```
{
  "task": "/pulp/api/v3/tasks/54c1b300-daa3-4b14-8288-ffa23195b0aa/"
}
```

```
▲ src/Pulp/pulp_workdir http :24817/pulp/api/v3/tasks/54c1b300-daa3-4b14-8288-ffa23195b0aa/
HTTP/1.1 200 OK
Allow: GET, PATCH, DELETE, HEAD, OPTIONS
```

Connection: close  
Content-Length: 1429  
Content-Type: application/json  
Date: Fri, 24 Apr 2020 08:18:19 GMT  
Server: gunicorn/20.0.4  
Vary: Accept, Cookie  
X-Frame-Options: SAMEORIGIN

```
{
  "child_tasks": [],
  "created_resources": [],
  "error": {
    "description": "'metadata_signing_service': [ErrorDetail(string='Unexpected field', code='invalid')]",
    "traceback": " File \"/home/lieter/.virtualenvs/pulp3-devel/lib/python3.8/site-packages/rq/worker.py", line 886, in perform_job\n    rv = job.perform()\n File \"/home/lieter/.virtualenvs/pulp3-devel/lib/python3.8/site-packages/rq/job.py", line 664, in perform\n    self._result = self._execute()\n File \"/home/lieter/.virtualenvs/pulp3-devel/lib/python3.8/site-packages/rq/job.py", line 670, in _execute\n    return self.func(*self.args, **self.kwargs)\n File \"/home/lieter/src/Pulp/pulpcore/pulpcore/app/tasks/repository.py", line 39, in update\n    serializer.is_valid(raise_exception=True)\n File \"/home/lieter/.virtualenvs/pulp3-devel/lib/python3.8/site-packages/rest_framework/serializers.py", line 243, in is_valid\n    raise ValidationError(self.errors)\n"
  },
  "finished_at": "2020-04-24T08:18:06.781140Z",
  "name": "pulpcore.app.tasks.repository.update",
  "parent_task": null,
  "progress_reports": [],
  "pulp_created": "2020-04-24T08:18:06.705529Z",
  "pulp_href": "/pulp/api/v3/tasks/54c1b300-daa3-4b14-8288-ffa23195b0aa/",
  "reserved_resources_record": [
    "/pulp/api/v3/repositories/rpm/rpm/f7ead468-5b89-468f-bede-030f61fd8582/"
  ],
  "started_at": "2020-04-24T08:18:06.764787Z",
  "state": "failed",
  "task_group": null,
  "worker": "/pulp/api/v3/workers/fcbl9f7-3b94-4c04-8183-1ca3bc84bf49/"
}
```

#### Creating a new repository with a signing service does work:

```
▲ src/Pulp/pulp_rpm http :24817/pulp/api/v3/repositories/rpm/rpm/ name="bar" metadata_signing_service="/pulp/api/v3/signing-services/76df3b27-b955-4001-82c0-7989df073096/"
```

HTTP/1.1 201 Created

Allow: GET, POST, HEAD, OPTIONS

Connection: close

Content-Length: 489

Content-Type: application/json

Date: Fri, 24 Apr 2020 08:37:01 GMT

Location: /pulp/api/v3/repositories/rpm/rpm/7ed592d8-2aa1-4da9-b37f-bbeac50b8cb4/

Server: gunicorn/20.0.4

Vary: Accept, Cookie

X-Frame-Options: SAMEORIGIN

```
{
  "description": null,
  "latest_version_href": "/pulp/api/v3/repositories/rpm/rpm/7ed592d8-2aa1-4da9-b37f-bbeac50b8cb4/versions/0/",
  "metadata_signing_service": "http://localhost:24817/pulp/api/v3/signing-services/76df3b27-b955-4001-82c0-7989df073096/",
  "name": "bar",
  "pulp_created": "2020-04-24T08:37:01.614998Z",
  "pulp_href": "/pulp/api/v3/repositories/rpm/rpm/7ed592d8-2aa1-4da9-b37f-bbeac50b8cb4/",
  "versions_href": "/pulp/api/v3/repositories/rpm/rpm/7ed592d8-2aa1-4da9-b37f-bbeac50b8cb4/versions/"
}
```

```
}
```

Installed versions:

Pulpcore: 3.4.0.dev (d522ac42a4d418b42ae244cccb1264a3c6c833ca) Pulp-rpm: 3.4.0b1.dev (f57c667026ca88f04547d1bbe4c18d0809ab9d51)

## Associated revisions

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### Revision 37fa13cd - 04/30/2020 10:36 AM - mdellweg

Revamp Repository tasks

Repository update and delete now use `general_update` and `general_delete`, which automatically select the proper resources to work on.

fixes #6569 <https://pulp.plan.io/issues/6569>

## History

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### #1 - 04/24/2020 12:06 PM - Imjachky

Several options come to my mind:

1. We can redefine the inherited method `update()` implemented in `RepositoryViewSet` <https://github.com/pulp/pulpcore/blob/d522ac42a4d418b42ae244cccb1264a3c6c833ca/pulpcore/app/viewsets/repository.py#L61-L73> to return the response:

```
{
  "detail": "Method \"PATCH\" not allowed."
}
```

2. We can try to refactor the method `update()` in `RepositoryViewSet` and the function `update()` in `tasks/repository.py` (<https://github.com/pulp/pulpcore/blob/d522ac42a4d418b42ae244cccb1264a3c6c833ca/pulpcore/app/tasks/repository.py#L25-L40>) to retrieve a configuration from the plugin like it is done here <https://github.com/pulp/pulpcore/blob/d522ac42a4d418b42ae244cccb1264a3c6c833ca/pulpcore/app/tasks/base.py#L5-L21> in order to get a correct serializer for serializing. This change may somehow affect all plugins.

### #2 - 04/27/2020 09:46 AM - mdellweg

At first glance i cannot see, why Repositories should not use `general_update`.

### #3 - 04/27/2020 03:00 PM - dkliban@redhat.com

- Project changed from RPM Support to Pulp

**#4 - 04/28/2020 04:38 PM - fao89**

- Triaged changed from No to Yes
- Sprint set to Sprint 71

**#5 - 04/29/2020 09:16 AM - mdellweg**

- Status changed from NEW to ASSIGNED
- Assignee set to mdellweg

**#6 - 04/29/2020 09:49 AM - pulpbot**

- Status changed from ASSIGNED to POST

PR: <https://github.com/pulp/pulpcore/pull/679>

**#7 - 05/01/2020 06:03 PM - rchan**

- Sprint changed from Sprint 71 to Sprint 72

**#8 - 05/01/2020 08:05 PM - mdellweg**

- Status changed from POST to MODIFIED

Applied in changeset [pulpcore|37fa13cd33bce57e652a9561103160fd97d3b6a6](#).

**#9 - 05/27/2020 09:28 PM - dkliban@redhat.com**

- Sprint/Milestone set to 3.4.0

**#10 - 05/28/2020 04:21 PM - dkliban@redhat.com**

- Status changed from MODIFIED to CLOSED - CURRENTRELEASE