

Ansible Plugin - Story #7942

Task # 7938 (CLOSED - COMPLETE): [EPIC] As a user, I have improved Galaxy V3 sync performance

As a sync user, I get no-op when possible

12/07/2020 09:28 PM - bmbouter

Status: CLOSED - CURRENTRELEASE	Start date:
Priority: Normal	Due date:
Assignee: fao89	% Done: 100%
Category:	Estimated time: 0:00 hour
Sprint/Milestone: 0.7.0	Tags:
Platform Release:	Sprint: Sprint 90
Groomed: Yes	Quarter:
Sprint Candidate: No	

Description

The first stage needs to keep all the existing code and fall back to it if the "new metadata endpoints are not available". They are only available on the Galaxy V3 API *and* if the server side implements them.

Model Changes

Add to the AnsibleRemote a new attribute named `last_synced_metadata_time`. Allow it to be None since in many cases, e.g. V2 sync and V3 sync's that don't yet support the new "metadata optimizations" won't be saving data into this attribute.

No migration is needed, since a None value will cause a sync to occur, and only subsequent sync's will be no-operation optimized.

Sync Workflow Changes

1. Check at the `/pulp_ansible/galaxy/<path:path>/api/v3/` endpoint and check the build time. If 404, fall back to the existing sync implementation.
2. If the build time is the same as the one stored on the Repository object, exit the sync doing nothing (no-operation)
3. Save the `last_synced_metadata_time` to the AnsibleRepository so that the next time sync occurs we can determine if the server side has changed.

Related issues:

Has duplicate Ansible Plugin - Story #7672: Sync Repository Metadata at sync ...	CLOSED - DUPLICATE
Blocked by Ansible Plugin - Story #7939: As a user, the <code>/v3/</code> endpoint returns...	CLOSED - CURRENTRELEASE
Blocked by Ansible Plugin - Story #7940: As a user, I have a new <code>v3/metadata/...</code>	CLOSED - CURRENTRELEASE
Blocked by Ansible Plugin - Story #7941: As a user, I have a new <code>v3/metadata/...</code>	CLOSED - CURRENTRELEASE
Copied to Ansible Plugin - Story #8177: As a sync user, I use the efficient u...	CLOSED - CURRENTRELEASE

Associated revisions

Revision e09fee30 - 02/11/2021 12:00 AM - Fabricio Aguiar

Improve sync performance with no-op when possible

<https://pulp.plan.io/issues/7942> closes #7942

History

#1 - 12/07/2020 09:29 PM - bmbouter

- Blocked by Story #7939: As a user, the `/v3/` endpoint returns the `repository_version.created` time added

#2 - 12/07/2020 09:29 PM - bmbouter

- Blocked by Story #7940: As a user, I have a new `v3/metadata/collections/` endpoint returning all collections unpaginated added

#3 - 12/07/2020 09:29 PM - bmbouter

- Blocked by Story #7941: As a user, I have a new `v3/metadata/collection_versions/` endpoint returning all `collection_versions` unpaginated added

#4 - 01/28/2021 07:36 PM - fao89

- Status changed from NEW to ASSIGNED
- Assignee set to fao89
- Groomed changed from No to Yes
- Sprint set to Sprint 89

#5 - 01/28/2021 09:35 PM - pulpbot

- Status changed from ASSIGNED to POST

PR: https://github.com/pulp/pulp_ansible/pull/511

#6 - 01/28/2021 10:02 PM - fao89

- Copied to Story #8177: As a sync user, I use the efficient unpaginated metadata endpoints if they are available added

#7 - 01/28/2021 10:04 PM - fao89

- Subject changed from As a sync user, I use the efficient metadata endpoints if they are available and no-op when possible to As a sync user, I get no-op when possible
- Description updated

#8 - 02/04/2021 11:10 PM - rchan

- Sprint changed from Sprint 89 to Sprint 90

#9 - 02/10/2021 10:21 PM - pulpbot

PR: https://github.com/pulp/pulp_ansible/pull/521

#10 - 02/10/2021 11:42 PM - fao89

- Sprint/Milestone set to 0.7.0

#11 - 02/11/2021 12:00 AM - Anonymous

- Status changed from POST to MODIFIED
- % Done changed from 0 to 100

Applied in changeset [pulp_ansible|e09fee302577c91613e73f5ab9e19b435730ccfc](#).

#12 - 02/11/2021 03:40 PM - pulpbot

- Status changed from MODIFIED to CLOSED - CURRENTRELEASE

#13 - 02/16/2021 04:59 PM - bmbouter

- Has duplicate Story #7672: Sync Repository Metadata at sync time and parse and save it added