Ansible Plugin - Issue #7739

Requirement.yml code doesn't filter by version

10/23/2020 07:01 PM - daviddavis

Status:	CLOSED - CURRENTRELEASE	**Start date:**	
Priority:	Normal	**Due date:**	
Assignee:	bmbouter	**Estimated time:**	0:00 hour
Category:			
Sprint/Milestone:	0.6.0		
Severity:	2. Medium	**Sprint Candidate:**	No
Platform Release:		**Tags:**	
OS:		**Sprint:**	
Triaged:	No	**Quarter:**	
Groomed:	No		

Description

If you use this requirements.yml file[0], you will end up with 3 collection versions. However, you should only have 1 as the two releases for testing.ansible_testing_content are 4.0.4 and 4.0.6[1] which don't match ">=1.0.0,<=2.0.0", and there's only one release of testing.k8s_demo_collection[2].

To reproduce this in a test environment, change this line[3] to use assertEqual since ANSIBLE_COLLECTION_FIXTURE_COUNT is 1.

[0]
https://github.com/pulp/pulp_ansible/blob/739a5551c87f4fffa9f46bee7fce9975e39020e8/pulp_ansible/tests/functional/constants.py#L83-L88

[1] https://galaxy-dev.ansible.com/api/v2/collections/testing/ansible_testing_content/versions/

[2] https://galaxy.ansible.com/api/v2/collections/testing/k8s_demo_collection/versions/

[3]
https://github.com/pulp/pulp_ansible/blob/739a5551c87f4fffa9f46bee7fce9975e39020e8/pulp_ansible/tests/functional/api/collection/v2/test_sync.py#L204

Related issues:

Related to Ansible Plugin - Refactor #7777: As a developer I want collections...	**CLOSED - CURRENTRELEASE**
Has duplicate Ansible Plugin - Issue #5309: Download only specified version o...	**CLOSED - DUPLICATE**

Associated revisions

Revision 2ab95bd8 - 11/24/2020 11:32 PM - bmbouter

Refactors sync to use asyncio more and many tests

The previous sync machinery design was very complicated due to treating the asynchronous coroutines as synchronous code. This rewrites the sync code to have the coroutines track the work instead.

In doing the rewrite several bugs were fixed also:

- versions in requirements.yml are now respected
- requirements.yml with different sources are now respected too

It also makes many test improvements:

- refactors Galaxy V2 sync tests to be bindings based
- adds may more tests

closes #7739 closes #7741 closes #7777

History

#1 - 10/23/2020 07:01 PM - daviddavis

- Description updated

#2 - 10/23/2020 07:10 PM - daviddavis

- Description updated

#3 - 10/23/2020 08:03 PM - daviddavis

Here is a test I wrote:

```
    def test_sync_with_version_requirement(self):
        """Test to sync down a role using a version requirement"""
        requirements_file = "collections:\n  - name: amazon.aws\n    version: \"<0.1.3\""

        repo = self.client.post(ANSIBLE_REPO_PATH, gen_repo())
        self.addCleanup(self.client.delete, repo["pulp_href"])

        collection_remote = self.client.post(
            ANSIBLE_COLLECTION_REMOTE_PATH,
            gen_ansible_remote(
                url=ANSIBLE_GALAXY_COLLECTION_URL_V2.rstrip("/"),
                requirements_file=requirements_file,
            ),
        )

        self.addCleanup(self.client.delete, collection_remote["pulp_href"])

        sync(self.cfg, collection_remote, repo, mirror=True)
        repo = self.client.get(repo["pulp_href"])
        content_summary = get_content_summary(repo)
        self.assertLess(
            content_summary[ANSIBLE_COLLECTION_CONTENT_NAME], 3
        )
```

Here's the failure: AssertionError: 10 not less than 3

#4 - 10/26/2020 07:18 PM - fao89

- Has duplicate Issue #5309: Download only specified version on requirements.yml added

#5 - 11/03/2020 03:01 PM - fao89

- Parent task set to #7777

#6 - 11/04/2020 05:16 PM - fao89

- Parent task deleted (#7777)

#7 - 11/04/2020 05:16 PM - fao89

- Related to Refactor #7777: As a developer I want collections sync machinery easier to maintain added

#8 - 11/24/2020 09:57 PM - bmbouter

- Status changed from NEW to ASSIGNED

- Assignee set to bmbouter

#9 - 11/24/2020 11:31 PM - bmbouter

- Status changed from ASSIGNED to POST

https://github.com/pulp/pulp_ansible/pull/423

#10 - 11/24/2020 11:32 PM - bmbouter

- Status changed from POST to MODIFIED

Applied in changeset pulp_ansible|2ab95bd8a607262c6ec220fd0ab43d6351b10ea9.

#11 - 12/01/2020 02:05 PM - fao89

- Sprint/Milestone set to 0.6.0

#12 - 12/01/2020 04:30 PM - fao89

- Status changed from MODIFIED to CLOSED - CURRENTRELEASE