

## Infrastructure - Task #4652

### CI infrastructure requirements

04/08/2019 07:25 PM - dkliban@redhat.com

|                          |        |                        |           |
|--------------------------|--------|------------------------|-----------|
| <b>Status:</b>           | NEW    | <b>Start date:</b>     |           |
| <b>Priority:</b>         | Normal | <b>Due date:</b>       |           |
| <b>Assignee:</b>         |        | <b>% Done:</b>         | 0%        |
| <b>Category:</b>         |        | <b>Estimated time:</b> | 0:00 hour |
| <b>Sprint/Milestone:</b> |        | <b>Tags:</b>           |           |
| <b>Platform Release:</b> |        | <b>Sprint:</b>         |           |
| <b>Groomed:</b>          | No     | <b>Quarter:</b>        |           |
| <b>Sprint Candidate:</b> | No     |                        |           |

#### Description

Pulp 3 currently uses Travis for its CI needs. Even though Travis frustrates developers from time to time, it can be described as reliable. The following is the list of features that Travis provides:

- Free for open source projects
- publically accessible UI
- individual VMs for each build
- about 4 jobs at a time
- allows ssh connection for jobs that need interactive debugging

The biggest limitation of Travis is the requirement that all VMs have Ubuntu as the operating system. Testing against other platforms requires using containers. We should consider switching to something other than Travis if the other service provides the following in addition to the services described above:

- ability to test on RHEL VMs

#### History

**#1 - 04/08/2019 07:27 PM - dkliban@redhat.com**

- Description updated

**#2 - 04/08/2019 07:28 PM - dkliban@redhat.com**

- Description updated

**#3 - 04/11/2019 04:45 PM - daviddavis**

I would say that a hosted solution would be a requirement—or at the least, we need a low maintenance CI env. Before we switched to Travis, we were spending 2-3 FTEs or more every week maintaining Jenkins. Our team is at full capacity and we simply don't have that much time to dedicate to CI.

**#4 - 05/24/2019 05:30 PM - daviddavis**

This issue was raised again today. I think it's worth spending some time on this in the near term. The two questions I have is (a) where do we start? Does it make sense to start small with a plugin? Also, (b) which platform do we use?

**#5 - 07/19/2019 12:33 PM - hairspraybeautysalon**

- File clipboard-201907191603-yasko.png added

**#6 - 07/19/2019 12:36 PM - dkliban@redhat.com**

- File deleted (clipboard-201907191603-yasko.png)