

## Pulp - Story #3520

As a Sys-admin/Deployer/DevOps/Developer person, I'd like to be able to deploy Pulp as a service on Kubernetes

03/22/2018 10:11 PM - milan

<b>Status:</b>	CLOSED - CURRENTRELEASE	<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>	3.0.0	<b>Tags:</b>	
<b>Platform Release:</b>		<b>Sprint:</b>	Sprint 43
<b>Groomed:</b>	No	<b>Quarter:</b>	
<b>Sprint Candidate:</b>	No		

### Description

[The Community may be interested](#) in this

### Scope

This can be based on [mhrivnak](#) 's [work](#)

Figure out how to create Kubernetes stateful (micro) services, probably by with the help of a [tutorial](#)

Create containers for:

- workers
- wsgi pulp core
- crane

Figure out how to plug pulp services/containers into existing environment:

- certificates management
- database
- shared filesystem (GlusterFS, Ceph, Nfs)
- (tasking) queue (backend)
- Proxy services (for e.g delayed download)
- load-balancers

Share the findings as repository of artifacts and documentation reusable by folks to deploy Pulp themselves

### History

**#1 - 03/22/2018 10:33 PM - milan**

- Description updated

**#2 - 03/22/2018 10:37 PM - milan**

- Description updated

**#3 - 09/14/2018 06:42 PM - bmbouter**

- Status changed from NEW to CLOSED - CURRENTRELEASE

- Sprint set to Sprint 43

I happened to find this story while I was working on writing the blog post on how to deploy Openshift in a way that is compatible w/ Kubernetes.

<https://pulpproject.org/2018/09/07/install-pulp3-on-openshift/>

With that blog available the CURRENT RELEASE because I think the documentation and base resources are available. In terms of improving that effort I have some issues tracked here for now: <https://github.com/bmbouter/pulp3-openshift/issues>

**#4 - 04/25/2019 06:45 PM - daviddavis**

- *Sprint/Milestone set to 3.0.0*

**#5 - 04/26/2019 10:36 PM - bmbouter**

- *Tags deleted (Pulp 3)*