

Kubeflow Pipelines 1.0 on OCP 4.x

- KFP 1.0-argo on OCP 4.x
 - Workflows with no artifact passing work when specifying “k8sapi” executor
 - Workflows with artifact passing will fail since emptyDir or Volumes are needed. This issue is tracked in two places KFP and Argo
 - Argo : <https://github.com/argoproj/argo/issues/2679> . Basically asking Argo to create a volume when using any other executor other than docker when workflows use a path “/var/tmp”
 - KFP: <https://github.com/kubeflow/pipelines/issues/1654>, <https://github.com/kubeflow/pipelines/issues/4257>, etc. Mainly reports on example workflows not working on both “pns” and “k8sapi” executors
- ODH Options
 - “pns” executor required root privileges as described here, so we are staying with “k8sapi”:
<https://github.com/openshift/odh-manifests/issues/117>
 - We can fix all the examples by adding volumes and submit back to KFP. However there is an issue with volumes as documented here <https://github.com/kubeflow/pipelines/issues/4326>
 - Wait until Argo fixes #2679 then all examples will just work