

Container storage is designed to be as temporary as the containers themselves. However, sometimes we need storage that is able to survive beyond the short life of a container. Kubernetes volumes allow us to mount storage to a container that isn't in the container itself. In this lesson, we will discuss volumes and demonstrate how to mount a simple volume to a container in a pod.

Relevant Documentation

- <https://kubernetes.io/docs/concepts/storage/volumes/>

Lesson Reference

This pod mounts a simple emptyDir volume, `my-volume`, to the container at the path `/tmp/storage`.

```
apiVersion: v1
kind: Pod
metadata:
  name: volume-pod
spec:
  containers:
    - image: busybox
      name: busybox
      command: ["/bin/sh", "-c", "while true; do sleep 3600; done"]
      volumeMounts:
        - mountPath: /tmp/storage
          name: my-volume
  volumes:
    - name: my-volume
      emptyDir: {}
```