Kubernetes Storage

The architecture of **Kubernetes storage** is based on the **abstraction of volumes**. **Volumes** are defined as **basic entities** that **containers** can use to **access storage** in Kubernetes. They can be **mounted** on different **storage infrastructure types**, whether it's local storage devices, NFS, and cloud storage service.

Volumes in Kubernetes can be accessed directly in **two ways**. **Ephemeral/non-persistent** volumes can be used for **short-term storage**, whereas **persistent volumes** are defined for **long-term/permanent storage**.

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