

# Kubernetes Storage – Exact Reference

Volumes lifecycle tied to Pod; PersistentVolumes independent.

PV types: hostPath, NFS, iSCSI, CephFS, EBS, AzureDisk.

PVC binding modes: Immediate, WaitForFirstConsumer.

StorageClasses: provisioner, reclaimPolicy, volumeBindingMode.

CSI architecture: controller plugin, node plugin.

Access modes: RWO, RWX, ROX.

Snapshots and VolumeExpansion requirements.

StatefulSets storage guarantees.