

Volumes:

- **awsElasticBlockStore** <Object>
AWSElasticBlockStore represents an AWS Disk resource that is attached to a kubelet's host machine and then exposed to the pod.
- **azureDisk** <Object>
AzureDisk represents an Azure Data Disk mount on the host and bind mount to the pod.
- **azureFile** <Object>
AzureFile represents an Azure File Service mount on the host and bind mount to the pod.
- **cephfs** <Object>
CephFS represents a Ceph FS mount on the host that shares a pod's lifetime
- **cinder** <Object>
Cinder represents a cinder volume attached and mounted on kubelets host machine.
- **configMap** <Object>
ConfigMap represents a configMap that should populate this volume
- **csi** <Object>
CSI (Container Storage Interface) represents ephemeral storage that is handled by certain external CSI drivers (Beta feature).
- **downwardAPI** <Object>
DownwardAPI represents downward API about the pod that should populate this volume
- **emptyDir** <Object>
EmptyDir represents a temporary directory that shares a pod's lifetime.
- **ephemeral** <Object>
Ephemeral represents a volume that is handled by a cluster storage driver (Alpha feature).
- **fc** <Object>
FC represents a Fibre Channel resource that is attached to a kubelet's host machine and then exposed to the pod.
- **flexVolume** <Object>
FlexVolume represents a generic volume resource that is provisioned/attached using an exec based plugin.
- **flocker** <Object>
Flocker represents a Flocker volume attached to a kubelet's host machine. This depends on the Flocker control service being running
- **gcePersistentDisk** <Object>
GCEPersistentDisk represents a GCE Disk resource that is attached to a kubelet's host machine and then exposed to the pod.
- **gitRepo** <Object>
GitRepo represents a git repository at a particular revision.
- **glusterfs** <Object>
Glusterfs represents a Glusterfs mount on the host that shares a pod's lifetime.
- **hostPath** <Object>
HostPath represents a pre-existing file or directory on the host machine that is directly exposed to the container.
- **iscsi** <Object>
ISCSI represents an ISCSI Disk resource that is attached to a kubelet's host machine and then exposed to the pod.

- **name** <string> -required-
Volume's name. Must be a DNS_LABEL and unique within the pod.
- **nfs** <Object>
NFS represents an NFS mount on the host that shares a pod's lifetime
- **persistentVolumeClaim** <Object>
PersistentVolumeClaimVolumeSource represents a reference to a PersistentVolumeClaim in the same namespace.
- **photonPersistentDisk** <Object>
PhotonPersistentDisk represents a PhotonController persistent disk attached and mounted on kubelets host machine
- **portworxVolume** <Object>
PortworxVolume represents a portworx volume attached and mounted on kubelets host machine
- **projected** <Object>
Items for all in one resources secrets, configmaps, and downward API
- **quobyte** <Object>
Quobyte represents a Quobyte mount on the host that shares a pod's lifetime
- **rbd** <Object>
RBD represents a Rados Block Device mount on the host that shares a pod's lifetime
- **scaleIO** <Object>
ScaleIO represents a ScaleIO persistent volume attached and mounted on Kubernetes nodes.
- **secret** <Object>
Secret represents a secret that should populate this volume.
- **storageos** <Object>
StorageOS represents a StorageOS volume attached and mounted on Kubernetes nodes.
- **vsphereVolume** <Object>
VsphereVolume represents a vSphere volume attached and mounted on kubelets host machine