



VOLUMES AND DATA

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Using Rook for Storage Orchestration

In keeping with the decoupled and distributed nature of the Cloud technology, the [Rook](#) project allows orchestration of storage using multiple storage providers.

As with other agents of the cluster, Rook uses custom resource definitions (CRD) and a custom operator to provision storage according to the backend storage type, upon API call.

Several storage providers are supported:

- Ceph
- Cassandra
- Network File System (NFS).