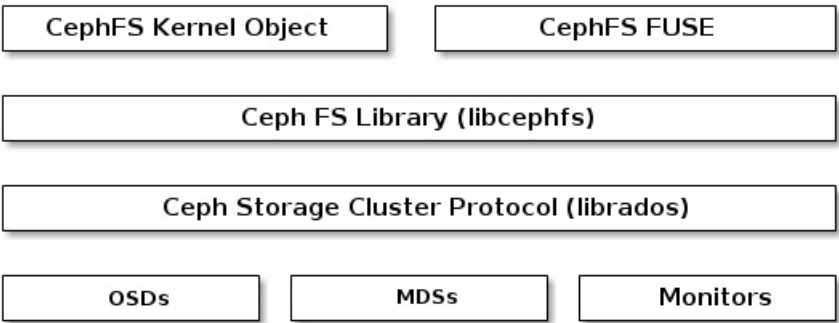


# CEPH FILESYSTEM

The **Ceph Filesystem** (Ceph FS) is a POSIX-compliant filesystem that uses a Ceph Storage Cluster to store its data. The Ceph filesystem uses the same Ceph Storage Cluster system as Ceph Block Devices, Ceph Object Storage with its S3 and Swift APIs, or native bindings (librados).



Using the Ceph Filesystem requires at least one **Ceph Metadata Server** in your Ceph Storage Cluster.

STEP 1: METADATA SERVER	STEP 2: MOUNT CEPH FS	ADDITIONAL DETAILS
<p>To run the Ceph Filesystem, you must have a running Ceph Storage Cluster with at least one <b>Ceph Metadata Server</b> running.</p> <ul style="list-style-type: none"><li>• <a href="#">Add/Remove MDS</a></li><li>• <a href="#">MDS Configuration</a></li><li>• <a href="#">Journaler Configuration</a></li><li>• <a href="#">Manpage ceph-mds</a></li></ul>	<p>Once you have a healthy Ceph Storage Cluster with at least one Ceph Metadata Server, you may mount your Ceph Filesystem. Ensure that you client has network connectivity and the proper authentication keyring.</p> <ul style="list-style-type: none"><li>• <a href="#">Mount Ceph FS</a></li><li>• <a href="#">Mount Ceph FS as FUSE</a></li><li>• <a href="#">Mount Ceph FS in fstab</a></li><li>• <a href="#">Manpage cephfs</a></li><li>• <a href="#">Manpage ceph-fuse</a></li><li>• <a href="#">Manpage mount.ceph</a></li></ul>	<ul style="list-style-type: none"><li>• <a href="#">Using Ceph with Hadoop</a></li><li>• <a href="#">libcephfs</a></li><li>• <a href="#">Troubleshooting</a></li></ul>