

# Qumulo File Fabric (QF2)

A modern, highly scalable file storage system that runs in the data center and the public cloud.



## Your data anywhere

QF2 runs in the data center and in the public cloud. Continuous replication moves the data where it's needed when it's needed.



## Highest performance

QF2 is the highest performance file storage system on premises and in the cloud. Get multi-GB/s throughput for your toughest on-prem and cloud workloads.



## Lowest cost

QF2 is one third the cost of legacy storage appliances on a capacity basis. And, you can use 100% of provisioned capacity, not just 70% or 80%.



## No hardware lock-in

Run on standard hardware provided by Qumulo or by partners such as HPE. Or run in the public cloud. The choice is always yours.

## Universal-scale file storage

### Scales to billions of files

Use any mix of large and small files and store as many files as you need. There is no practical limit with QF2's advanced file-system technology.

### Real-time control at scale

Get answers and solve administration problems in real time, no matter how many files and directories you manage.

### Highest rated support

Get help fast from our team of storage experts with your own Slack channel.

### Simple subscription pricing

A single, simple subscription service covers everything, including all features, updates and support.

### Cloud-based monitoring

QF2 proactively detects potential problems, such as disk failures. Access historical trend data about how your system is being used.

### Access to innovation

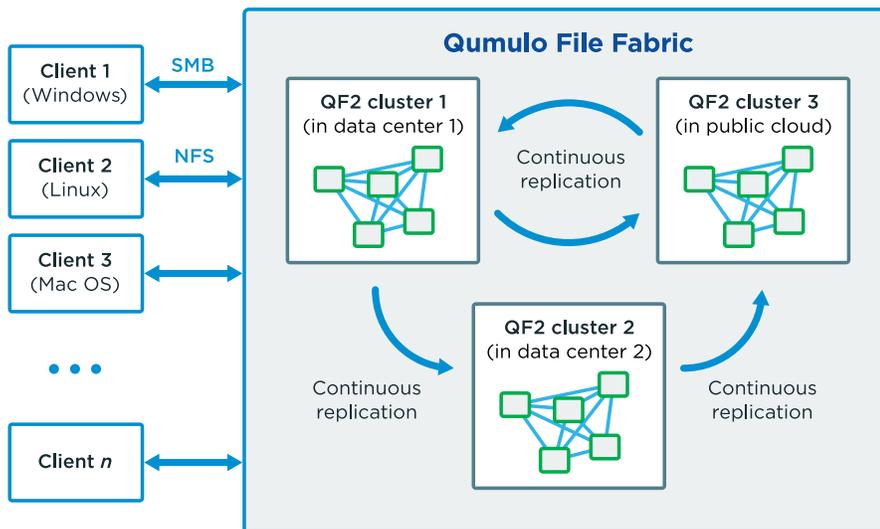
Qumulo uses modern development practices, with small, frequent releases that keep QF2 on the leading edge of what's possible.

### Out-of-the-box simplicity

Skip the pain. From the moment QF2 is unboxed to when it can start serving data is a matter of hours, not days. QF2 for AWS has even faster setup.

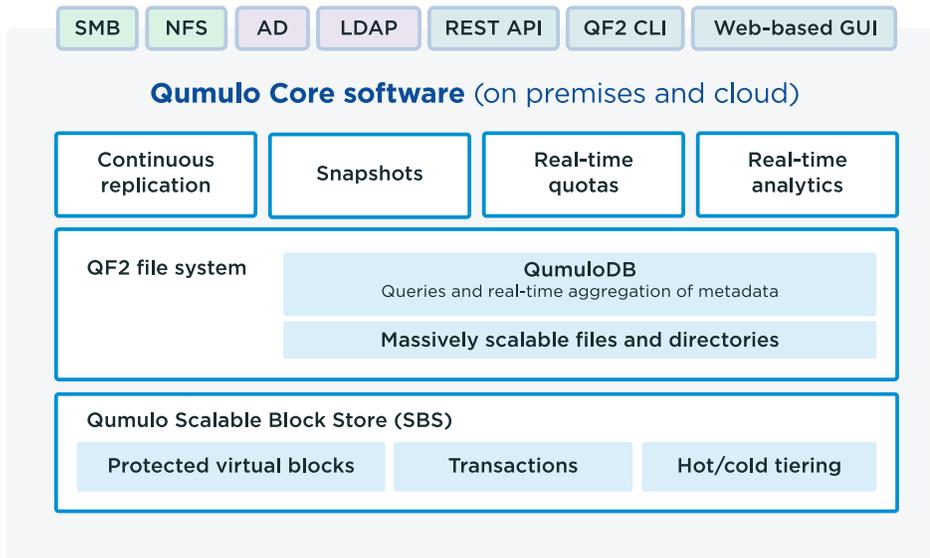
### Complete REST API

Use the QF2 REST API to build and manage a modern application stack. It's the future of infrastructure, available today.



## How QF2 works

In QF2, cloud instances or computing nodes with standard hardware work together to form a cluster that has scalable performance and a single, unified file system. QF2 clusters work together to form a globally distributed but highly connected storage fabric tied together with continuous replication.



QF2 is unique in how it approaches the problem of scalability. Its design incorporates principles used by modern, large-scale, distributed databases. The result is a file system with unmatched scale characteristics.

## Real-time analytics

QF2 provides real-time visibility and control for file systems of all sizes, even with file counts numbering in the tens of billions. Up-to-the-minute analytics allow administrators to pinpoint problems and effectively control how storage is used. The answers to these queries arrive instantly.

## Real-time quotas

Quotas allow administrators to specify how much capacity a given directory is allowed to use for files. Unlike legacy systems, in QF2 quotas are deployed immediately and do not have to be provisioned. They are enforced in real time, and changes to their capacities are immediately implemented.

## About Qumulo

Qumulo is the leader in universal-scale file storage. Qumulo File Fabric (QF2) gives data-intensive businesses the freedom to store, manage and access file-based data in the data center and on the cloud, at petabyte and global scale. Founded in 2012 by the inventors of scale-out NAS, Qumulo serves the modern file storage and management needs of Global 2000 customers. For more information, visit <http://qumulo.com>.

## Snapshots

Snapshots let system administrators capture the state of a file system or directory at a given point in time. Snapshots in QF2 have an extremely efficient and scalable implementation. A single QF2 cluster can have a virtually unlimited number of concurrent snapshots without performance or capacity degradation.

## Continuous replication

QF2 provides continuous replication across storage clusters, whether on premises or in the public cloud. Once a replication relationship between a source cluster and a target cluster has been established and synchronized, QF2 automatically keeps data consistent.

