

Qumulo File Fabric (QF2) for AWS

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



Highest performance

QF2 is the highest performance file storage system on premises and in the cloud.



Your data anywhere

QF2 runs in the data center and in AWS. Continuous replication moves the data where it's needed when it's needed. QF2 for AWS is the world's highest performance file storage system in the public cloud.



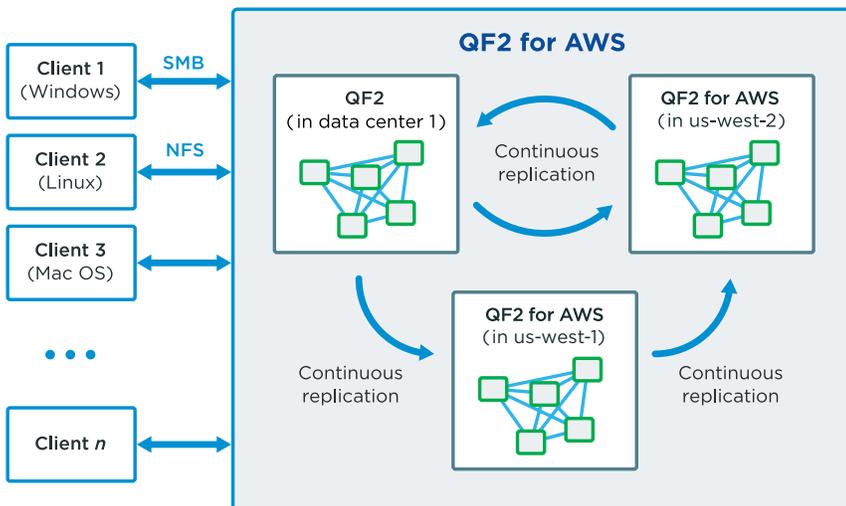
Flexible configuration in AWS

QF2 for AWS can be configured to support use cases from active archive to cloud rendering and more. Clusters can scale from 4 to 1000 instances, with raw capacity starting at 5TB per instance. Instance types are based on use case, for example, m4.2xlarge and m4.16xlarge.



Simple utility pricing

QF2 clusters in AWS have utility pricing that is based on hours of use, capacity and performance. QF2 can be used for free in non-clustered, standalone mode in AWS.



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.

Highest rated support

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

Cloud-based monitoring

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

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.

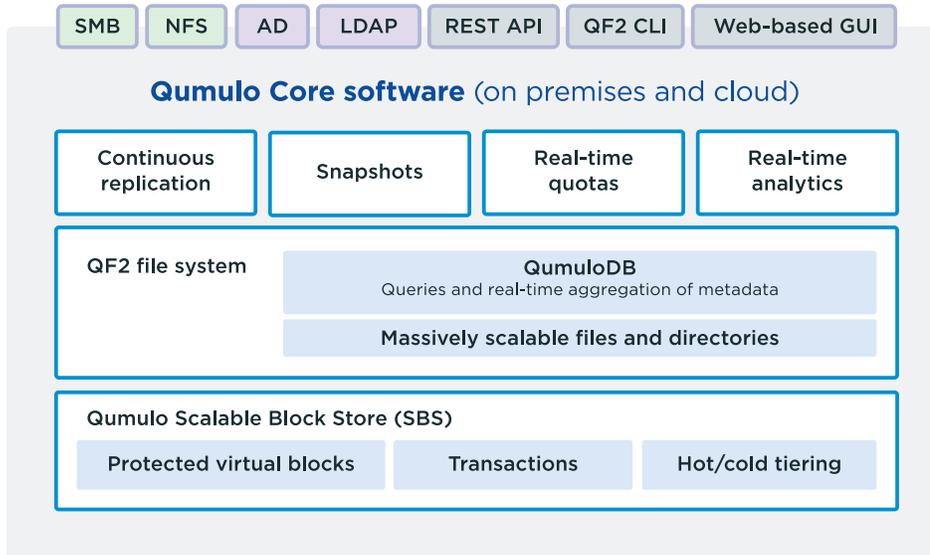
"We are building a fully orchestrated visual effects rendering solution that spans our on-premises data center and AWS. We now have a QF2 cluster on AWS and in our data center creating a unified fabric that enables us to share file data between these two operating environments, maintain workflow consistency, and meet the high performance requirements for heavy compute workloads in the cloud."

Jason Fotter
Co-founder and CTO
FuseFX



How QF2 works

In QF2, EC2 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.

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>.

