

Qumulo File Fabric (QF2)

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

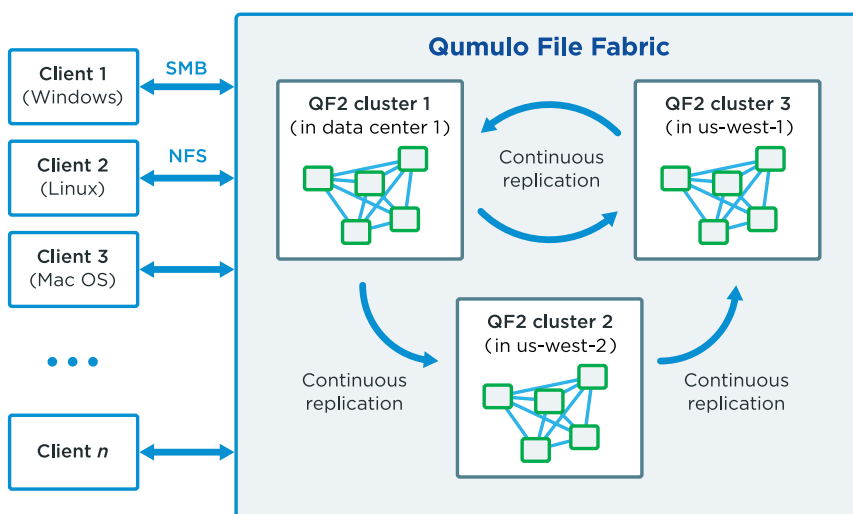


Real-time control at scale

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

“At DreamWorks, we are a digital manufacturer and digital media files are the core asset of our business. During the production of a major animated motion picture, we often create in excess of 500 million media files. If storage fails to perform, the creativity stalls. QF2 gives us the speed to meet our demanding production schedules, while continuing to raise the bar on creating the world’s most compelling movie experiences.”

Skottie Miller
Technology Fellow
for Engineering
and Infrastructure at
DreamWorks Animation



HPE Apollo 4200 Gen 9

2U Chassis

HPE Apollo servers offer advanced storage density in a 2U form factor. Starting capacity is 90TB raw per node.



Capacity Series

90TB of raw HDD capacity with 2.9TB of SSD capacity

or

180TB of raw HDD capacity with 4.3TB of SSD capacity

Nearline Archive

288TB of raw HDD capacity with 7.7TB of SSD capacity

Capacity and drives

Raw storage capacity	90TB
Storage media	3 x 960GB SSD and 9 x 10TB HDD (all hot-swappable)

Components

Connectivity ports	2 x 40GbE
CPU	1 x Intel Xeon E5 2620v4 2.10GHz 8-cores
Memory	64GB

Capacity and drives

Raw storage capacity	180TB
Storage media	9 x 480GB SSD and 18 x 10TB HDD (all hot-swappable)

Components

Connectivity ports	4 x 40GbE
CPU	2 x Intel Xeon E5 2620v4 2.10GHz 8-cores
Memory	128GB

Capacity and drives

Raw storage capacity	288TB
Storage media	4 x 1.92TB SSD and 24 x 12 TB HDDs

Components

Connectivity port	2 x 40GbE
CPU	1 x Intel Xeon E5 2620v4, 8 cores, 2.1 GHz
Memory	128GB

Additional Shared Specifications

Components

Management ports	1 x IPMI 1GbE baseT (RJ45)
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Physical characteristics

Dimensions (H x W x D)	3.44" (8.75cm) x 17.63" (44.8cm) x 32" (81.28cm)
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Qumulo Core software

Supported protocols	NFS (v3), SMB (v2.1), REST
Management	API REST
Total cluster size	4 – 1,000 nodes
Data protection	Erasure coding, snapshots
Storage management	Real-time quotas

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