FUJITSU

Top reasons ...

... for a new platform to store unstructured data

Qumulo and Fujitsu deliver a modern enterprise file storage system

An explosion in unstructured data is one of the biggest headaches of the digital era – with digital businesses tackling ever-increasing amounts of information that needs to be stored and accessed on different locations and applications. Due to the constant changes in requirements, taking into account future and investment security, the modern Qumulo File System was developed from scratch to meet these demands.

Fujitsu is teaming up with Qumulo to provide a seamless combination of the security and dependability of on-premises scale-out NAS storage with the flexibility of cloud storage. The Partnership enables unifying unstructured data from Edge, Cloud and Core into a single solution.

Qumulo

Solution highlights

Scale-out file

Machine learning management and real-time analytics

Enterprise solution

Scale-out file makes you **incredibly fast**

The Qumulo solution rapidly scales hundreds of TB into PBs, handles tens of billions of files and serves thousands of users with costefficient storage for different files. It intelligently adapts to your growing needs and supports billions and billions of large and small files in a single namespace. In addition, Qumulo delivers full speed even at 100% degree of filling.

Machine learning and real-time analytics make your data management **smarter**

Qumulo provides a (flash-first) architecture using NVMe and SSD caching depending on the model you are choosing. It delivers realtime visibility into data and users, enabling effective data management. Potential performance issues, such as massive spikes in demand, and longer-term trends can be identified at a glance. Built-in machine learning enables more than 90% of read request below to be handled in under one millisecond realized by an unique approach on meta-data management.

Enterprise solution makes your life **easier**

- **SDS:** Qumulo provides a ready to use certified storage solution including certified hardware platforms for trouble free operation and easy support.
- **Availability and Data Security:** Rebuild times of less than one hour deliver uninterrupted operations at scale as no treewalks are necessary. Share data across all user types - Windows, Linux, Mac - with shared data across NFS and SMB protocols.
- **Customer Satisfaction:** Fujitsu assembled a team of experts responsible for Qumulo and developing the eco-system for customers, so that you don't have to worry about anything.

What you also need to know

Tech specs	
Host interfaces	Ethernet (10 GbE / 25 GbE / 40 GbE / 100 GbE)
Max files in directory	4.25 Billion
Max files in system sizes	9 Exabyte
Max number of files	18 Quintillion
Max individual file sizes	9 Exabyte

Multi-cloud

Scalable file system in the cloud

Support from AWS and Google

Identical code on-premise as in the cloud

Combination of on-premise and the cloud

API

Designed for new age workloads

Organizations today need storage systems that can run multiple workloads with different performance and protection requirements, and which may need to use different data formats.

Interested in a new platform to store unstructured data?

For more Information, please visit our **Qumulo Data Storage website**
If you think that professional advice can help you optimize your data management,
be sure to contact us: **qumulo@ts.fujitsu.com**