SOLUTION BRIEF

Qumulo on AWS Outposts

Consistent File Data Management and Storage Everywhere

AWS Outposts is a fully managed service that provides enterprise organizations with the same AWS hardware infrastructure, services, APIs, and tools to build and run their applications on prem as in the cloud. Qumulo's file data platform complements AWS Outposts by giving you the same powerful software file data experience on AWS Outposts as on AWS, enabling consistent file data management and storage everywhere.

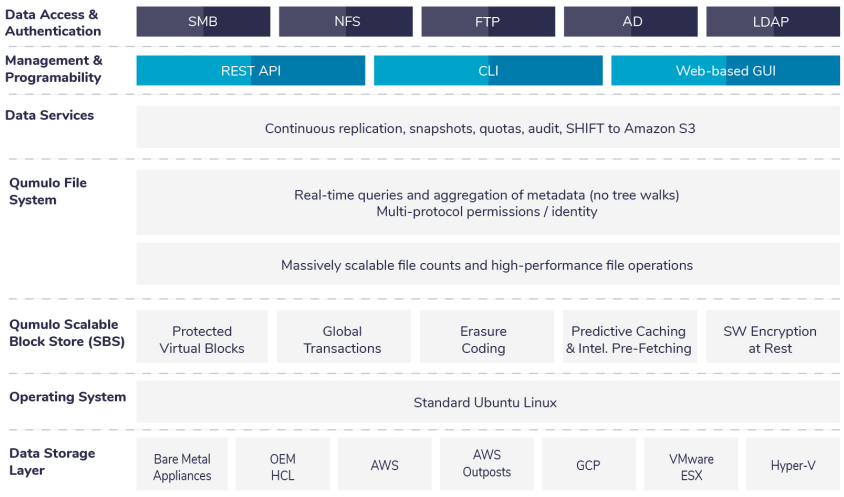
If your organization is in a highly regulated industry, located in a country with data residency requirements or where there is no AWS region, AWS Outposts provides a solution to securely store and process customer data that needs to remain on prem. With Qumulo's file data platform running seamlessly on AWS Outposts, you can use your existing applications and attach cloud services to unstructured data, store file data securely, and manage petabyte-scale workloads.

AWS Outposts extends AWS infrastructure, services, and tools to virtually any data center, co-location space, or on-prem facility. You can connect your applications to Qumulo's file data platform on AWS Outposts and on AWS through our cloud-native APIs. Qumulo's file data platform functions exactly the same way on AWS Outposts that it does running on AWS.

Qumulo Services Ready for AWS Outposts

Qumulo is one of the first file data platforms to successfully integrate with AWS Outposts deployments earning the AWS Services Outposts Ready designation. AWS Outposts Ready products are generally available and supported for AWS customers, with clear deployment documentation. Qumulo's file data platform also received the AWS Well-Architected designation for AWS public cloud deployments.

Qumulo File Data Platform



AWS Outposts

Qumulo Key Benefits

Qumulo is AWS Services Outposts Ready

- Successfully integrates with AWS Outposts deployments
- AWS customers have support and clear deployment documentation
- Software-defined and built for your hybrid cloud

File data platform runs on prem in datacenter or natively in the public cloud

- Software license can be transferred as you migrate from the data center to AWS for the Qumulo file data platform
- Connect to AWS services using native REST APIs

Real-time analytics show you what's happening with your data

- See performance, capacity and management analytics in real time on Qumulo or via CloudWatch connector
- Focus on your data, not storage, with visibility into crucial information

Simplifies storage management

- Single namespace across file protocols, provides centralized access to files anywhere
- Scales to billions of files across your data center and the cloud

Qumulo

SOLUTION BRIEF

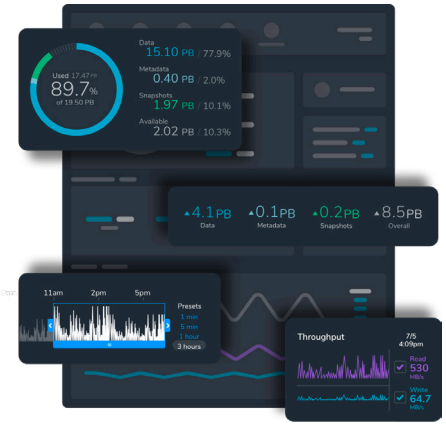
Qumulo on AWS Outposts

Seamless Integration Across Data Center, AWS Outposts & AWS

Qumulo's seamless integration with AWS services means you can choose how to manage your file data, on prem or on AWS using both new and existing applications. With Qumulo for AWS Outposts, you have a robust API to migrate, create, and manage unstructured file data at petabyte scale, integrated into your workflows, and can leverage the agility, breadth of services, and pace of innovation that AWS provides. For example, you can run file data workloads in AWS Outposts using Qumulo's file data platform and connect that file data to AWS to run services like Sagemaker or IoT Greengrass to support AI or ML initiatives.

For more information, visit
qumulo.com/awsoutposts

Modern Enterprise File Data Platform for Hybrid & Public Clouds



Real-Time Control and Visibility Across Billions of Files

Qumulo's file data platform provides administrators with built in, real-time analytics and data visualization capabilities to monitor capacity usage, capacity trends, and client activity across the entire file infrastructure. With Qumulo's dashboard, users are able to gain insights to see exactly how their data is being written and used to avoid issues and plan ahead.

Massive scalability

Qumulo's distributed file system is designed to scale to billions of files and store all file sizes efficiently. The scalable block store offers unprecedented scalability, optimized performance, and data protection.

Snapshots

Qumulo's snapshots capture the state of your file system or directory at a given point in time. With Qumulo's snapshots feature, you can restore single files and whole directories with the click of a button. And you have access to snapshot capacity data and usage over time through Qumulo's robust analytics.

Mixed protocol support

In order to support mixed workloads, Qumulo's file data platform supports standard protocols such as NFS, SMB and FTP, and includes a comprehensive REST API for deeper integration with third-party software and custom scripting. Qumulo's file data platform provides the permissions, controls and access restrictions that your file applications need, to create the smoothest workflow possible for mixed-protocol environments.

Programmable API

Connect to AWS services like Cloudwatch. Programmatically retrieve all information presented in Qumulo's user interface with REST API calls. Store them externally in a database or send them to another application such as Splunk or Tableau. You even have the capability to invoke file system operations with the REST API to automate administrative tasks, saving your valuable time to focus on actionable data.

Quotas

Set and implement quotas in real time, not just when a directory is originally created. Qumulo provides the ability to instantly limit the capacity of a user's directory, and you can apply these quotas to any directory, even nested ones.

Single namespace

Accessible through NFS and SMB protocols, Qumulo's single namespace functionality allows your team centralized access to files, whether you're operating on prem, in the cloud, or any combination thereof.

Continuous replication

Qumulo's continuous replication provides you with continuous asynchronous replication across storage clusters, whether on prem or in the public cloud. This feature leverages snapshot capabilities to ensure consistent data replicas. Qumulo takes it a step further, applying smart algorithms to make sure data replicates as often as practical without negatively impacting overall cluster performance.

Auditing

Qumulo's auditing feature integrates with standard monitoring systems and tracks users by both their IP address and user. With auditing, you can track all data access, writes and modifications and scale your system to millions of IOPS with minimal performance impact. And you can track all protocols including SMB, NFS, FTP, and REST API.

Qumulo Care puts you first

In Gartner's 2019 Magic Quadrant for distributed file systems and object storage, customer references highlighted that Qumulo exceeds their expectations in quality and responsiveness of support and customer service, as well as integrated real-time deep file system analytics.

About Qumulo

Qumulo is the leading provider of cloud file data services, providing real-time visibility, massive scale and API control of your data across on prem, and private and public clouds. Qumulo's file data platform delivers an identical experience and capabilities across on prem, hybrid, cloud, and multicloud environments. www.qumulo.com.

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