Qumulo Data Migration Service

Overview & benefits

Qumulo’s data migration service provides you with a field-proven software solution from Atempo, along with the project management expertise from Qumulo, to migrate your data from legacy storage systems to your new Qumulo cluster.

Each migration engagement is tailored to suit your individual business requirements, operating environment, and timelines.

Qumulo has proven experience migrating data from legacy systems onto Qumulo storage systems. We know how to avoid unnecessary delays and complications by planning the engagement up front. Our aim is to get you up and running as quickly as possible. To make sure you’re comfortable with our approach, we will create a custom SOW that fully describes the data migration project and timelines. Once the project is underway, we will report out regularly so there are no surprises.

Simply pick your source and destination, and the migration software handles the rest!

Advantages

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<th>Advantage</th>
<th>Description</th>
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<td>The migration software runs in the background, on dedicated hardware data movers, without interfering with active usage of your current storage system.</td>
<td>The migration software runs in the background, on dedicated hardware data movers, without interfering with active usage of your current storage system. In this way, the migration process can be performed simultaneously with existing operations, minimizing any impact on the daily operations of your storage system. This can be particularly useful in environments where downtime is not an option or where the migration process needs to be carried out during regular business hours.</td>
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<td>Performance scales by simply adding more data movers.</td>
<td>Performance scales by simply adding more data movers. By increasing the number of data movers, you can significantly increase the speed of the migration process. This is particularly useful in large-scale migrations where a single data mover may not be sufficient to meet the required throughput.</td>
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<td>Increase migration throughput by running multiple migration jobs.</td>
<td>Increase migration throughput by running multiple migration jobs. Running multiple migration jobs can help to distribute the workload and improve the overall throughput of the migration process. This can be achieved by running migration jobs concurrently on different data movers, thereby utilizing the available hardware resources more efficiently.</td>
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<td>The adaptive read/write mechanism in the migration software delivers the perfect balance between production availability and migration throughput. No production impact or downtime during the migration!</td>
<td>The adaptive read/write mechanism in the migration software delivers the perfect balance between production availability and migration throughput. This mechanism ensures that there is no production impact or downtime during the migration process, allowing for a seamless transition from the legacy storage system to the new Qumulo cluster. In particular, it ensures that any changes or updates on the source cluster are reflected on the target cluster while the migration is occurring, thereby maintaining the consistency and integrity of the data.</td>
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<td>The software has built-in incremental functionality to ensure that any changes or deletes on the source cluster are reflected on the target cluster, while the migration is occurring, ensuring that source and target always remain in sync, without impacting overall migration performance.</td>
<td>The software has built-in incremental functionality to ensure that any changes or deletes on the source cluster are reflected on the target cluster, while the migration is occurring, ensuring that source and target always remain in sync, without impacting overall migration performance. This functionality helps to maintain data consistency and ensures that the target cluster is always up-to-date with any changes made on the source cluster.</td>
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<td>Manage user access and ensure appropriate segregation of information based on policy and classification. Integrates with directory services for user authentication and rights management, as well as external monitoring platforms.</td>
<td>Manage user access and ensure appropriate segregation of information based on policy and classification. Integrates with directory services for user authentication and rights management, as well as external monitoring platforms. This enables fine-grained control over user access and ensures that data is protected according to the specified policies and classifications. Integrating with directory services also facilitates user authentication and rights management, ensuring secure and efficient access to the migrated data.</td>
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The Migration Process

Assess, scope and estimate the migration
Provision migration software license
Install data movers
Kick off project
Install migration software on data movers
Run project and provide daily/weekly status
Cutover event
Validate data integrity
Uninstall data movers
Close out project

The Qumulo Customer Success team changes your expectations of storage vendors. We will help you every step of the way from the moment you partner with Qumulo.”
— Rob Banga, Director - Professional Services

Trusted & Reliable
- Billions of files migrated
- No data loss, ever
- Continuous status reporting

Sample Migration Success

LARGE BROADCASTER
- 3 PB of 4GB video files
- Average migration rate of 90 TB/day
- Weekly status updates
- Project duration: 45 days

SOFTWARE PROVIDER
- 470TB of source code (920 million files)
- Average migration rate of 20 million files/day
- Daily status updates, weekly onsite visits
- Project duration: 60 days

Ordering Information

To obtain further information or to order Qumulo Data Migration Services, contact a local Qumulo Reseller and reference the following service: Qumulo Data Migration Services.

Please note: Engagement requires remote access for the duration of the engagement and ability for project team members to survey the existing storage solution in order to estimate project completion. Additionally, your network bandwidth will partially determine how fast your migration progresses. You should use the fastest possible network connection that works with your source and destination clusters.