yuzuy

YUZUY SOFTWARE · ANTI-VIRUS INTEGRATION

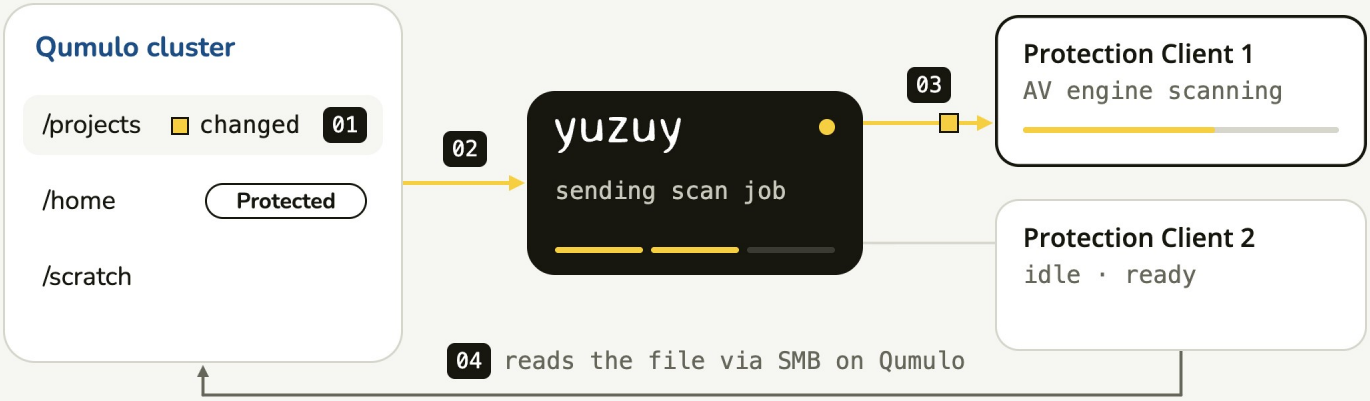
Intelligent and scalable anti-virus for Qumulo.

Malware scanning at the storage level, right after every change.

POST-CHANGE SCAN

Every new or changed file, scanned after the change.

yuzuy listens for changes on the file system. Right after a file is created or modified, it tells a scalable group of scan servers, the Protection Clients, which files to scan. They scan them directly on Qumulo, while productive workloads stay unaffected.



SCALABLE SCAN PERFORMANCE

More throughput? Add Protection Clients.

Scaling is as simple as adding scan servers: no bottlenecks, no disruptions. Each one runs a yuzuy Protection Client next to the anti-malware solution of your choice, fully integrated into your existing policies, actions and reporting. Protect selected folders or the whole file system.

AV ENGINE

Any AV software with a command-line scanner that can scan UNC paths

EASY LICENSING

Included in the yuzuy subscription. You decide how many Protection Clients you run.

SIMPLICITY IS COMPLEXITY RESOLVED

Don't worry about how many files a directory holds, whether they sit on HDD or SSD, how often they change or how large they are. You chose Qumulo for performance and scale; yuzuy is built on the same values and keeps those benefits intact.

Built exclusively for Qumulo. yuzuy is a Qumulo Technology Partner for data protection.

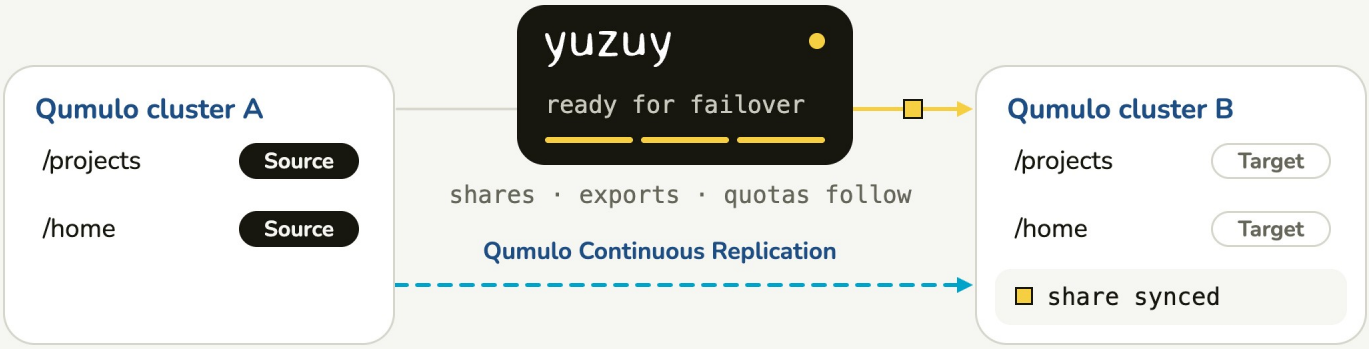
Qumulo

yuzuy

YUZUY SOFTWARE · FAILOVER / FAILBACK · SYNCHRONIZATION

Multi-cluster orchestration for Qumulo.

Qumulo replicates the data; yuzuy orchestrates everything around it.



FAILOVER / FAILBACK

A delicate workflow, made routine.

Switching the roles Primary and Secondary between two clusters and moving client access to the secondary is a delicate multi-stage workflow that has to be robust and well documented. yuzuy knows every step, runs them in the same order every time and checks each one. Test regularly, and be confident that planned and unplanned failovers work right away, even in turbulent situations.

START	SCOPE	DURATION	CLIENTS
One click or API call	All relationships	About 5 seconds	SMB, NFS, SMB via DFS

SYNCHRONIZATION

Shares, exports and quotas, in step with replication.

Qumulo Continuous Replication is directory-based. For clients to reach these directories on the other cluster, the matching SMB shares, NFS exports, quotas and permissions must exist there too. yuzuy synchronizes them automatically, continuously and in both directions, and only those objects that belong to a replication.

Perfect harmony: In failover mode, yuzuy catalogs the changes made on the secondary and replicates them back to the primary.

SIMPLICITY IS COMPLEXITY RESOLVED

Resilience is the ability of your systems to withstand disruptions, recover quickly and keep running. The simpler your infrastructure and processes, the fewer errors happen under stress. That isn't comfort; it's structure that holds up when it counts.

yuzuy

YUZUY SOFTWARE · TECHNICAL CHARACTERISTICS

Runs where your data lives.

All three functions in one virtual machine (VM) in your data center. Nothing leaves your infrastructure: no telemetry, no online license check.

CHARACTERISTICS

- Installed and configured in minutes
- Any number of clusters, cross-replicating pairs included
- Sign-in through Active Directory or LDAP
- In-place upgrades, no internet access needed
- REST API with token authentication for monitoring and ITSM
- Qumulo Network Multi-Tenancy supported

SYSTEM REQUIREMENTS

yuzuy software

Qumulo Core 6.0.0 or later, the same version on source and target cluster

Hypervisor that runs OVA images (tested with VMware vSphere/ESXi 6.5 and later)

VM with 4 vCPU, 8 GB RAM, 100 GB disk; more for Anti-Virus Integration, depending on the change rate

Admin rights on all managed clusters, or a role with the privileges needed

Protection Client (Anti-Virus Integration)

Windows Server 2012 R2 or later

6 CPU cores (all but two run scans in parallel), 8 GB RAM

SMB access to the Qumulo cluster

TCP 443 and TCP 5671 to the yuzuy software

AV software with a command-line scanner that can scan UNC paths

LICENSING

One subscription, everything included.

All three functions, Protection Clients, support and updates. Licensed by the Qumulo raw capacity (TB) of all clusters connected to yuzuy; virtual Qumulo nodes don't count. 12 months or longer, can be aligned with your Qumulo subscription. One day of implementation support included.

SUPPORT

One channel for Qumulo and yuzuy.

yuzuy joins your Qumulo Customer Success Slack channel, so both work on your case together. Also by email, phone and Microsoft Teams, during German business hours, in English and German. New versions in the customer portal my.yuzuy.com.

Also from yuzuy: the yuzuy Qumulo Plugin for Bareos for fast backups of Qumulo. A separate product with its own license; it does not need the yuzuy software.

See it first, then test it on your clusters.

Demo: about 45 minutes, remote. Proof of concept: 60-day license, on your own clusters, with our support.

yuzuy.com/contact



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Qumulo