



AnzenStore

Anzen Technology Systems

As quantum technology advances, the threat of *Cryptographically Relevant Quantum Computers (CRQC)* breaking standard encryption looms. Protecting sensitive information now is crucial as bad actors gather data for future decryption in **Steal now / Decrypt later** attacks.

AnzenStore is a commercially available solution featuring our patented ASR technology, enabling you to confidently use public cloud storage while ensuring the security of your classified and sensitive information.

Post-Quantum Safe

An additional security layer complementing existing protections, ensuring resilience against evolving threats to public cloud backup.

Multi-Cloud Data Protection

Guard against unauthorised bulk data exfiltration, eradicating single location data breach risk.

Power Cloud Adoption

Assure security and sovereignty control, fostering confidence in adoption of public cloud services.





Benefits

- Data at rest secured with mathematically proven immunity to brute force attacks.
- De-risk public cloud infrastructure.
- Protection against data exfiltration from compromised cloud accounts.
- Powerful data management tools with AnzenStore S3 API.



Insurance &
Financial Sector



R&D / Intellectual
Property (LLM models)



Critical
Infrastructure



Security & Defence



Biometric Data

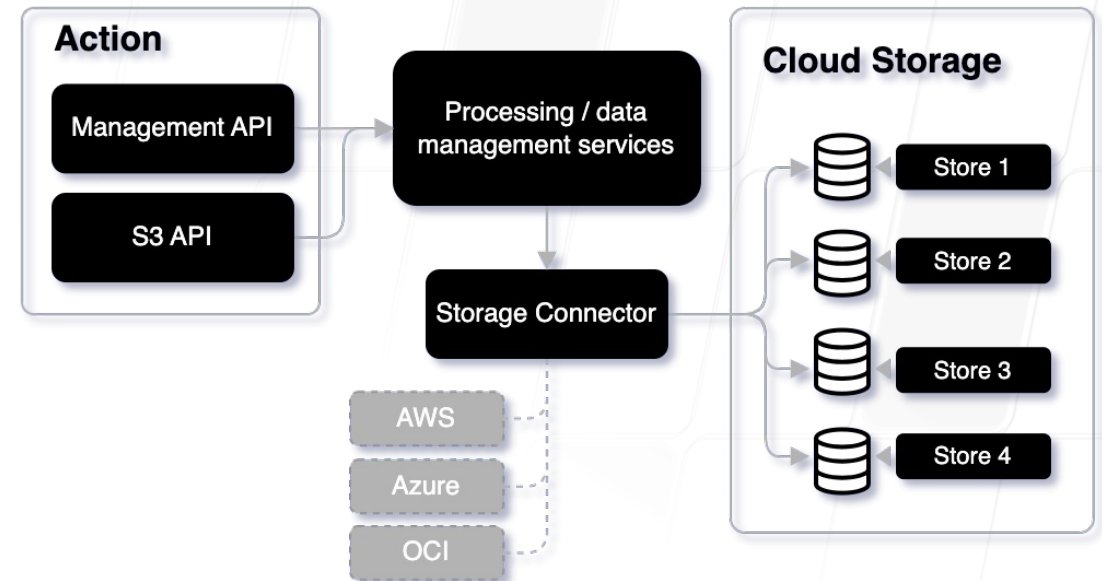


Healthcare &
Life-Sciences

Solution Overview

Zero trust microservice architecture means application services are secure against network breaches.

Our connector architecture allows for rapid integration with services providing third-party authentication, key management systems, and cloud storage locations.



Factsheet

Supported Cloud Platforms

Any cloud platform, providing the corresponding connector has been created.

Currently supported: AWS/S3 Compliant object storage, local device, Microsoft Azure.

Deployment model

AnzenStore can be rapidly deployed using quick-start scripts in the cloud, or on premises. Includes self-service configuration with the administrator dashboard.

Performance

End-to-end **1GB** file sharded/uploaded at **~21MiB/s***

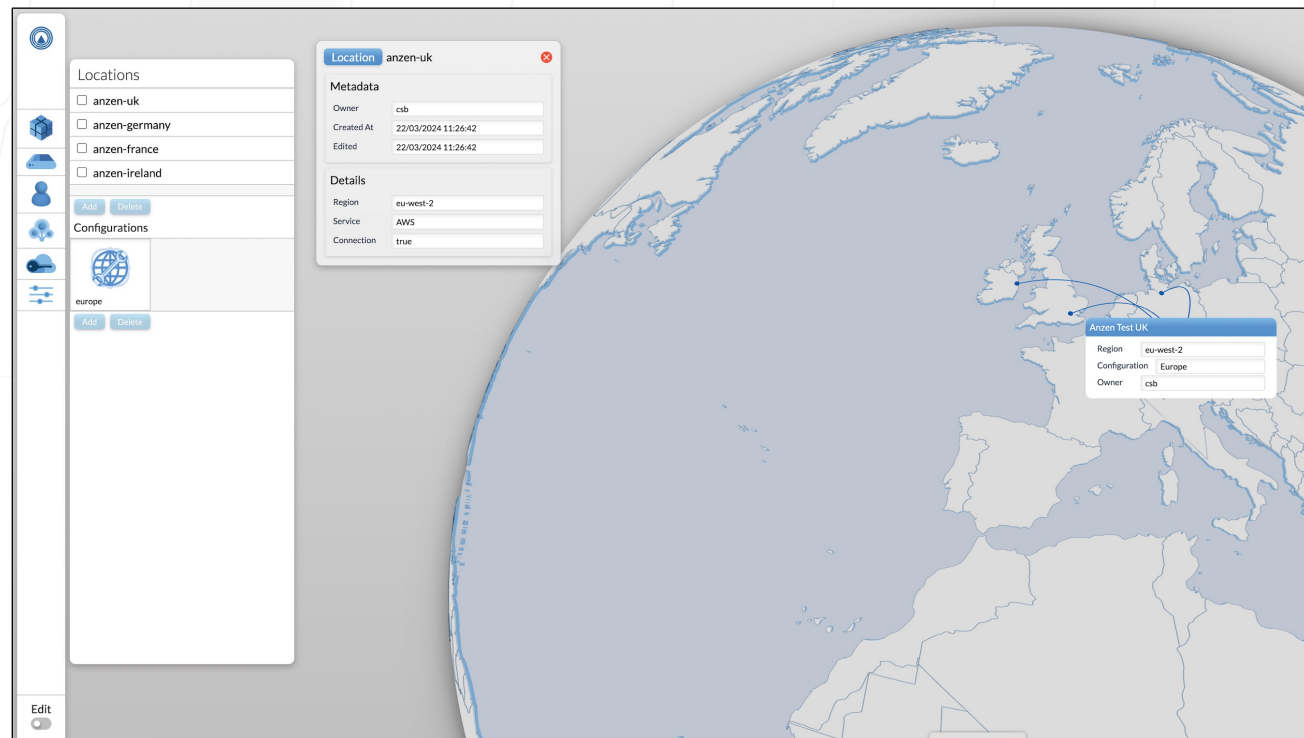
End-to-end **1GB** file restored/downloaded at **~30MiB/s***

Shards were stored in a range of locations across Europe.

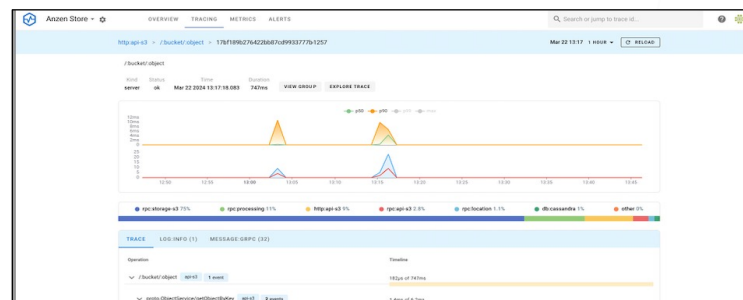
**Performance may vary based on compute resources and deployment configuration.*

Commercial Model

License model



The above example illustrates a potential configuration of cloud storage locations, used to store data shards which the ASR process outputs.



Metrics & visibility tools are deployed alongside AnzenStore.