

Data Protection with Cloud Backups



The growing need to protect critical data against infrastructure failures, cyberattacks, and disasters has led more and more organizations to adopt cloud storage strategies to complement their on-premises infrastructure.

To address this need, the Wasabi Hot Cloud Storage solution was implemented as a storage platform to support a hybrid data protection strategy, ensuring off-site backups and increasing the infrastructure's resilience.

Wasabi was used as a cloud repository to store backups of the most critical data and virtual machines, providing a high-performance, scalable, and cost-effective solution.

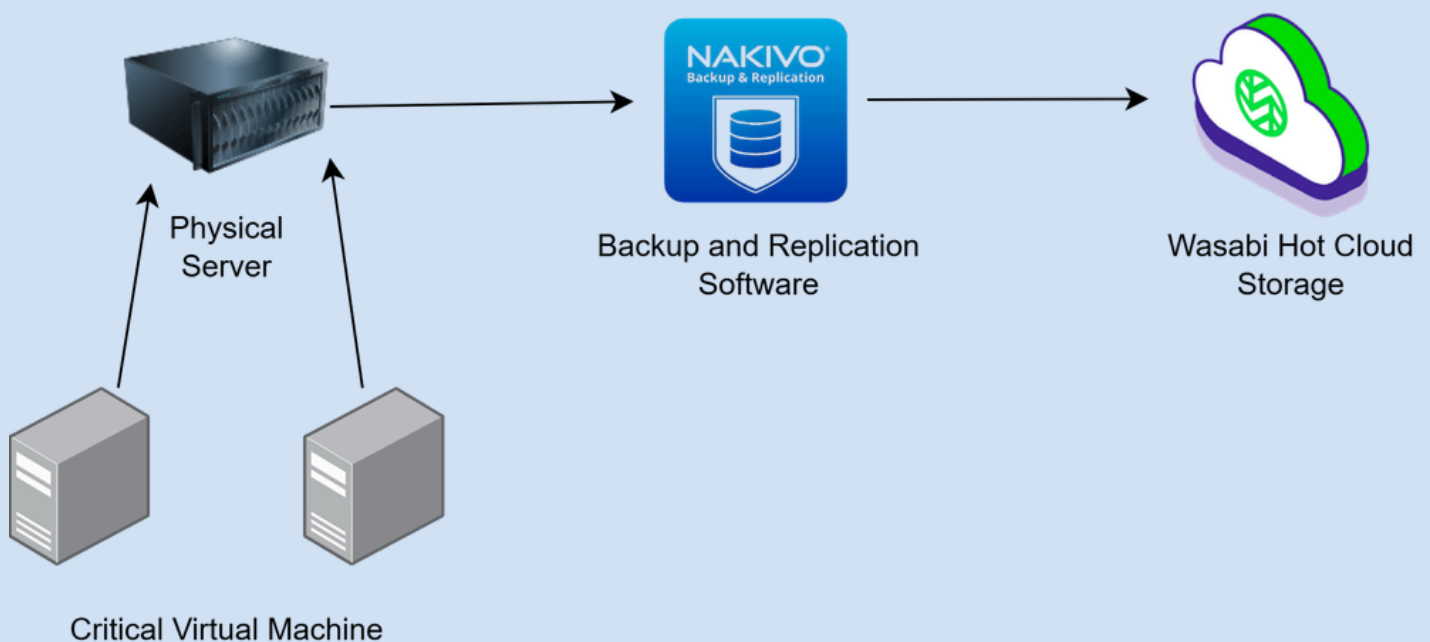
Its architecture made it possible to keep data protected in a location geographically separate from the primary infrastructure, significantly reducing the risk of data loss in the event of a total data center failure or ransomware attacks.



Integration with NAKIVO Backup & Replication was implemented, enabling the automated transfer of backups to Wasabi via the Backup Copy feature, ensuring that high-priority virtual machines were replicated to the cloud on a scheduled basis.

Among the key benefits of using Wasabi are the service's high availability, virtually unlimited scalability of storage capacity, fast read and write operations enabled by the Hot Cloud Storage model, and support for features such as object immutability, which enhances data protection against malicious alterations or deletions.

During implementation, recovery tests were also conducted using data stored on Wasabi, thereby validating the integrity of the copies and demonstrating the solution's ability to support recovery processes when needed.



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