

Data Protection with Hybrid Cloud Backups



OVERVIEW

With the rise of cyber threats and the need to ensure business continuity, it has become essential to implement a data protection strategy that guarantees the availability of information in any scenario. To address this challenge, the Wasabi Hot Cloud Storage solution was adopted as a cloud repository for storing backups, integrated with NAKIVO Backup & Replication, creating a secure and resilient hybrid backup strategy.

CHALLENGE

The organization needed to protect its critical data and virtual machines against infrastructure failures, ransomware attacks, and disasters that could compromise the data center.

It also wanted to ensure the availability of off-site backups, automate the backup replication process, and ensure a scalable, high-performance solution with controlled costs.



SOLUTION

The Wasabi Hot Cloud Storage platform was implemented as a cloud repository for storing backups of virtual machines and the most critical data. Integration with NAKIVO Backup & Replication made it possible to automate the replication of backups using the Backup Copy feature, ensuring that copies are sent to the cloud on a scheduled basis.

The architecture implemented ensured that backups remained stored in a location geographically separate from the primary infrastructure, significantly increasing the system's resilience to incidents.

During implementation, recovery tests were also conducted, confirming the integrity of the stored copies and the effectiveness of the restoration process.

BENEFITS ACHIEVED

- ✓ Implementation of a hybrid backup strategy with off-site storage;
- ✓ Greater protection against infrastructure failures and ransomware attacks;
- ✓ High availability and performance provided by Wasabi Hot Cloud Storage;
- ✓ Virtually unlimited scalability of storage capacity;
- ✓ Reduction in costs associated with cloud storage;
- ✓ Additional protection through the object immutability feature;
- ✓ Automation of backup copying and replication processes;
- ✓ Validation of data recovery through periodic restore tests.

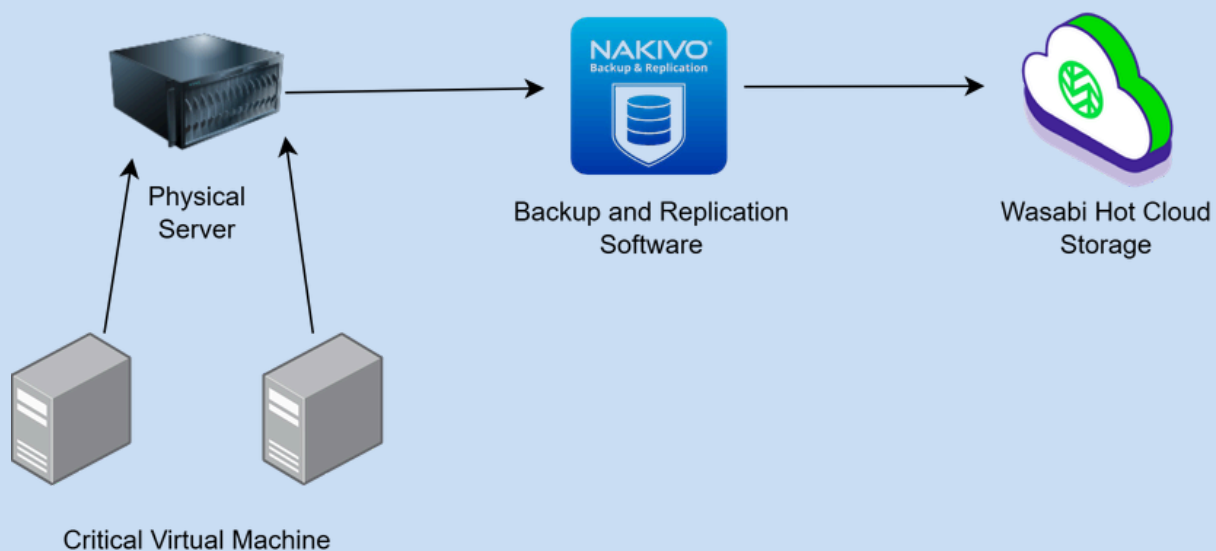


IMPACT ON THE BUSINESS

The implementation of the solution significantly strengthened the organization's data protection strategy, reducing the risk of data loss and improving its ability to respond to critical incidents. Off-site backups ensure greater business continuity and contribute to faster service recovery when needed.

CONCLUSION

The combination of **Wasabi Hot Cloud Storage** and **NAKIVO Backup & Replication** has enabled the implementation of a secure, scalable, and efficient hybrid cloud backup solution. Process automation, combined with high storage availability and protection against malicious changes, ensures a robust data protection strategy that is ready to address today's business continuity challenges.



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