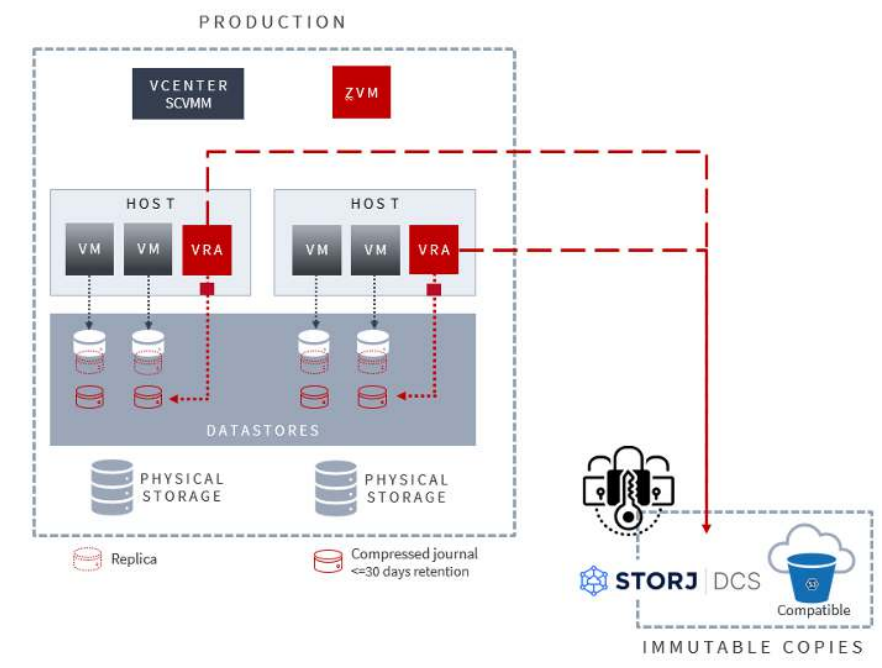


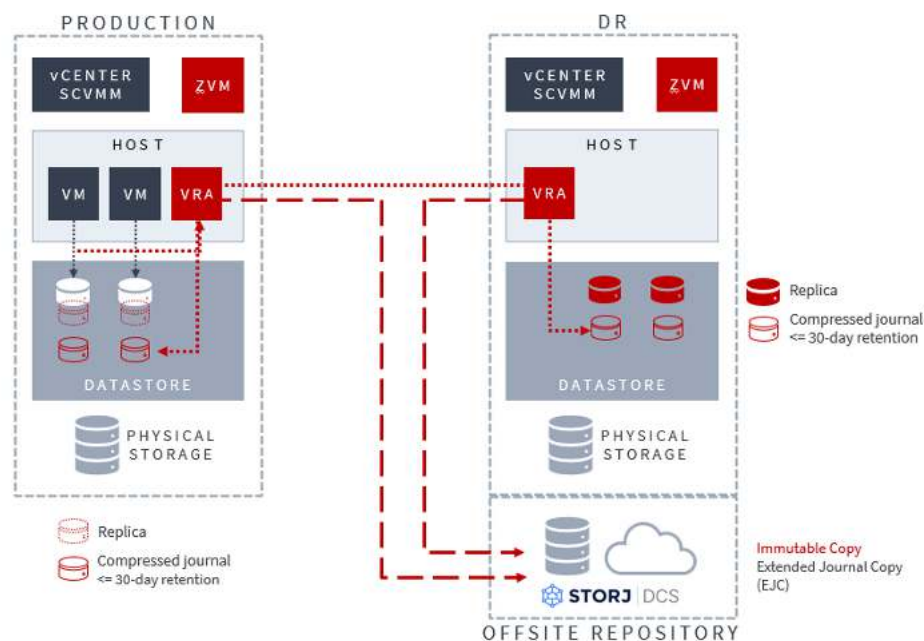
# Recover from Ransomware Quickly and Securely with Immutable Storage

Zerto, a Hewlett Packard Enterprise company, seamlessly connects to Storj, a decentralized cloud storage with unique security architecture and industry-leading performance, using the S3 protocol to extend the Zerto journal. Immutable copies are stored in a secure and cost-effective repository, allowing you to easily incorporate immutability into a complete disaster recovery (DR) strategy:

## Local, same-site replication with an additional offsite copy to Storj DCS



## Remote replication to DR site with additional offsite copy to Storj DCS

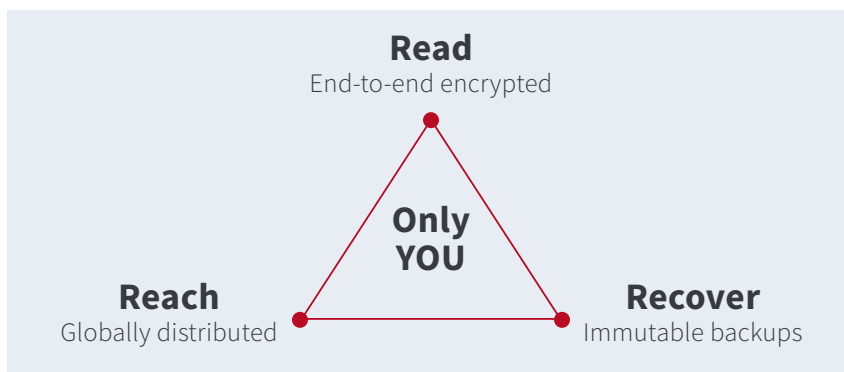


## How We Integrate

### Zerto and Storj Excel at Keeping Ransomware Out with Immutable Extended Journal Copies

Storj and Zerto work together to satisfy the three Rs of data protection: read, reach, and recover.

- **Read**—Storj has a zero-trust architecture that always uses end-to-end encryption. Storj breaks up data into 80 segments and stores them in different locations across its global network of over tens of thousands of storage nodes. Only 29 of these data segments are needed to rebuild a file. The data owner is the only one who can ever access the data.
- **Reach**—Objects distributed across the global network eliminate the cost of region-specific storage.
- **Recover**—Zerto executes fast recovery with Storj immutable backups. Zerto achieves near-synchronous replication using a software-only solution with journal functionality. This feature makes it easy to logically group rollbacks, getting the entire application online simultaneously.



## Benefits of Storj & Zerto

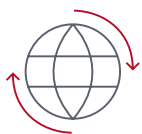
### Storj Makes DR More Secure with Distributed, Immutable Storage

Zerto and Storj DCS S3-compatible storage integrate to offer immutability and decentralization.



#### Blazing-Fast Restore Times

Erasure coding eliminates latency, as well as parallel uploads and downloads, making Storj incredibly fast at transferring large backup files anywhere in the world.



#### Globally Available

Storj segments and stores data across tens of thousands of global storage nodes. It uses the fastest segments to rebuild the file. There is no extra cost for multi-region storage.



#### Safe and Secure

Storj is zero trust and zero knowledge. End-to-end encryption is standard, with full immutability. Only the data owner can see and access the data.



#### Low Cost

Storj costs around 80% less than AWS. No contracts and no hidden fees mean flexibility and no surprises. And there are no extra costs for encryption or multi-region storage.

## Resources

- [Zerto + Storj Integration Guide](#)
- [Become Immutable to Cyberattacks and Ransomware](#)
- [Zerto + Storj: How Immutable Storage Yields Faster Ransomware Recovery](#)

## Learn More

**Join us to learn how you can recover from cyberattacks.**

Have questions about how Storj and Zerto work together to enable fast and secure disaster recovery?

[Watch our joint webinar.](#)

### About Zerto

Zerto, a Hewlett Packard Enterprise company, empowers customers to run an always-on business by simplifying the protection, recovery, and mobility of on-premises and cloud applications. Zerto eliminates the risk and complexity of modernization and cloud adoption across private, public, and hybrid deployments. The simple, software-only solution uses continuous data protection at scale to solve for ransomware resilience, disaster recovery, and multi-cloud mobility. Zerto is trusted by over 9,500 customers globally and is powering offerings for Amazon, Google, IBM, Microsoft, and Oracle and more than 350 managed service providers. [www.zerto.com](http://www.zerto.com)

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