

IT Resilience for Financial Services

Protect Transactional Applications with Zerto Virtual Replication

A recent analysis by the Ponemon Institute showed that a data center outage is more costly for financial services organizations than any other industry. Several banks have made headlines when customers could not access account information. Zerto Virtual Replication is rapidly becoming the standard for disaster recovery in virtualized and cloud environments and can deliver robust protection for financial services applications and data.

CHALLENGES FOR FINANCIAL SERVICES

Many financial services organizations have virtualized to increase flexibility and agility in the IT environment so customers can access their information from anywhere. However, financial information is heavily regulated in terms of information handling and institutions must be able to clearly demonstrate how they are protecting information and meeting compliance objectives. Testing the DR solution is difficult and Zerto found that almost half (46%) of financial companies have not verified their DR solution in the last 6 months or even longer¹.

FINANCIAL SERVICES REQUIREMENTS

- Ensure the protection and availability of information
- Provide information across thousands of locations, including ATMs, websites, and branch offices
- Support audit requirements to demonstrate alignment with various regulations
- Clearly demonstrate disaster recovery processes through regular testing
- Reduce costs while delivering exceptional services for a clear competitive advantage

FACTS ABOUT RANSOMWARE



167x

Increase in attacks between 2015 and 2016

Source: SonicWall



70%

Of businesses paid to get data back

Source: IBM



48 hours

Average downtime incurred by ransomware victims






Source: Aberdeen Group

“Zerto is completely storage agnostic, and therefore more independent than other replication solutions. We can protect and recover applications and specific VMs, not LUNs and volumes, thereby reducing the level of complexity in the event of a failover, as well as in day-to-day operations. Zerto automates and streamlines the recovery process - all while delivering the accuracy, reliability and availability critical in the financial services industry.”

Richard Ferrara,
CTO, Woodforest National Bank

“One of the fundamental challenges companies face during the virtualization process is navigating the challenges of testing and executing BC/DR. We were impressed by how elegant and intuitive Zerto made the whole process, and were able to demonstrate to senior management the strength of our overall BC/DR plan. As a result, we are taking a fresh look at replication and protection to incorporate new strategies that we didn't know were possible.”

Henry Mayorga,
Manager of Network Technology for Baron Funds

| Additional Benefit | Description |
|--|--|
|  Simple Protection | Complex management is an issue for 50% of financial services companies. Replication and orchestration in one product makes it easy to manage the disaster recovery process ¹ . |
|  Cloud Support | ZVR supports over 300 clouds including Azure and AWS as target sites for replication. Enable hybrid cloud mobility and replicate between on-prem & cloud environments for robust BC/DR plan. |
|  Virtual Aware | Replicate virtual machines, not LUNs; with only the required information replicated IT is able to reduce network and storage requirements and costs. |
|  Aggressive SLAs | RPOs of seconds and RTOs of minutes ensure the availability of banking records and market data. |
|  No Configuration Changes Required | ZVR installs seamlessly into the existing infrastructure in one hour without disrupting carefully configured financial applications and data. |

BENEFITS OF ZVR FOR FINANCIAL SERVICES

ZVR ensures the levels of information availability that financial services companies require while helping support compliance initiatives. Financial institutions can leverage enterprise-class protection and realize the benefits and cost savings that virtualization offers for a clear competitive advantage.

Mitigate the threat of ransomware. According to a recent SonicWall Annual Threat Report, the number of ransomware attacks that occurred in 2016 increased by a factor of 167 from 2015. More shockingly, 70% of companies actually paid the ransom. Rewind and recover to any point-in-time for up to 30 days using the ZVR Journal. If ransomware strikes, restore data and applications in minutes to a point seconds before the infection, mitigating the threat with minimal data loss and downtime.

Secure multi-tenancy across multi-sites. ZVR supports replication between multiple sites to one shared infrastructure for consistent DR across ATMs, branch offices, and other banking centers, while reducing costs and ensuring secure data separation.

Minimize risk with fast access to financial data. Time is money and maximizing uptime is especially critical for financial services organizations. The Ponemon Institute reports that although the average cost of a datacenter outage in 2016 was \$740,000, the cost for the financial services industry increased 34% to \$994k!

One-click testing & robust reporting supports regulatory compliance initiatives.

ZVR enables DR testing to be performed at any time during working hours in just minutes. With no break in the replication and no disruption to the production environment, data and applications remain protected and available at all times. Instantly produce concise recovery reports detailing the success/failure of each step taken to satisfy strict financial regulations.

Reduce overhead costs & enable digital transformation. ZVR replicates between disparate storage, hypervisors, versions of hypervisors, and to over 300 clouds including Azure and AWS. With data and application mobility easily managed across all platforms through a single interface, leverage any infrastructure to enable a flexible, cost-effective, and future-proof IT strategy.

SUMMARY

- Zerto Virtual Replication supports over 350 clouds, including Azure and AWS, as target sites for replication, enabling hybrid cloud mobility and replication between on-prem and cloud environments, for a robust BC/DR plan.
- ZVR ensures the protection and availability of data which allows customers to take advantage of market trends immediately.
- As a hardware agnostic solution, ZVR extends the useful life of assets, thus delaying investments and reducing costs.
- The carefully planned and executed complex configurations of financial applications are remain undisturbed with a solution that installs seamlessly into the existing infrastructure.
- Rewind and recover to any point-in-time for up to 30 days using the ZVR Journal.
- Restore data and applications to a point seconds before a ransomware attack, mitigating this threat and others such as database corruptions.
- Simplified disaster recovery testing, coupled with robust reporting capabilities, supports internal and external compliance initiatives.

About Zerto

In today's connected world, businesses need to be available to their customers, 24/7/365. Zerto provides Resilience for Evolving IT™, ensuring enterprises and their customers always have access to applications without any IT interruption, downtime or delay. Zerto's award-winning Cloud Continuity Platform™, protecting thousands of enterprises worldwide, is the simplest, most reliable BC/DR software solution built to protect applications on any virtualized IT environment, be it public, private or hybrid cloud. Zerto's proactive approach to recovery gives companies confidence in their ability to withstand any disruption, easily incorporate new technology, and quickly adapt to accommodate evolving IT priorities. Learn more at www.zerto.com.

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