

Zerto Virtual Replication 4.5 Feature Analysis

The benefits of leveraging Zerto for Data Protection & Recovery













Zerto Virtual Replication (ZVR) is the only future-proof, hypervisor-based, all in one replication and recovery solution that makes disaster recovery simple and scalable. In version 4.5, ZVR also includes powerful data protection and recovery capabilities that enables IT to deliver unparalleled service levels for common data restore requests.

With continuous replication of VM block-level changes from the hypervisor, requiring no agents in the protected VM, ZVR delivers the simplest, most powerful data protection & recovery solution available. Changed blocks are stored in compressed journals enabling point in time recovery of data from the recovery site, to increments in seconds up to 2 weeks in the past, maintaining space efficiency and removing production impact.

Utilizing a simple web browser interface to select and restore data, ZVR enables instant-access to any file system object. Data can be mounted and recovered from the journal just seconds before a deletion or corruption occurred, significantly minimizing the impact of data loss across an entire virtual infrastructure.

“We virtualized our environment to better leverage assets within our data centers, and we were making great progress, until it came to the BC/DR strategy. A traditional, physical solution was not meeting our needs. ZVR not only met our requirements, it far exceeded our expectations in terms of service levels. We see RPOS of seconds and RTOs of minutes.”

-James Horrod, Group Platform Architect, Kingfisher IT Services

Zerto Benefit	Description
 Simplicity	Single solution for disaster recovery & data protection managed in a central dashboard
 Always-on	Data loss in seconds & continuous replication of VM block-level changes with no snapshots
 Hypervisor-based	Scalable to thousands of VMs with no agents required inside protected VMs
 Recover Anything	Recover any file system object from seconds before corruption or deletion
 Granularity	Re-wind and recover from any point in time in seconds up to 2 weeks in the past
 Recover Any Data	Restore SQL, Oracle, Exchange, MySQL database and log files
 Improve IT SLAs	Restore user files & folders from seconds before corruption or deletion
 Save Space	Space efficient compressed journaling of changes saving 60%+ of storage usage
 Restore Anywhere	Download & restore data to any location or instantly access mounted disks
 Minimize impact	Recover sites, applications and files in minutes from any disaster or logical failure
 Future Proof	Hypervisor agnostic future proof solution, VMware vSphere, Microsoft Hyper-V, AWS
 Innovate IT	Revolutionize your approach to data protection with ZVR 4.5

Feature Comparison	Zerto Virtual Replication	Backup Solution	CDP Solution
Hypervisor-based VM block-level protection	●		
Installable and configured in minutes	●	Differs	
Re-wind and recover files, VMs, apps and sites	●		
Always-on protection with no snapshots	●		Differs
Multi-VM application consistency groupings	●		
Data loss in seconds with no performance impact	●		
Thousands of restore points for point in time recovery	●		
No protected VM agent required	●	Differs	
Instant-access to data from any point in time	●		
Zero production storage required for protection	●		
WAN resiliency and automatic resumption	●		Differs
Bandwidth throttling, compression and prioritization	●		
SQL and Oracle data replication optimization	●		
One solution for data protection & disaster recovery	●		
Cross-hypervisor data replication & recovery	●		
Protect on premise or to the cloud	●	Differs	
Multi-site support & management	●	●	●
File system indexing on each recovery point		●	●
Application specific restoration workflows		●	●
Future proof technology agnostic solution	●		

Want to try it out?

Zerto Virtual Replication can be installed, configured and protecting VMs in under 1 hour with no downtime or major production changes. Download your free trial today at www.zerto.com and discover simple VM-based replication enabling RPOs of seconds and RTOs of minutes and the most powerful Data Protection solution in the market today.