

Zerto Technical Comparison to Site Recovery Manager v6.5 (SRM)

The benefits of leveraging Zerto Virtual Replication in comparison













Zerto Virtual Replication is the industry first IT Resilience platform to deliver a single solution for disaster recovery, data protection and workload mobility to, from or between multiple clouds. By combining continuous replication, automated orchestration, and enterprise-class scalability, the Zerto platform dramatically simplifies IT operations and increases business agility.

Site Recovery Manager (SRM) is an orchestration solution for Virtual Machines (VMs) that relies on either Array Based Replication (ABR) or VMware vSphere Replication (VR) to perform the data replication. This makes SRM complex to manage, as it provides no visibility of the protection status with separate interfaces and technologies required to manage protection and recovery.

Zerto Virtual Replication completely replaces both SRM and the underlying data mover by replicating and protecting VMs using a scale-out, hypervisor-based replication appliance architecture. Installable in minutes without downtime, Zerto Virtual Replication makes disaster recovery simple, virtual-aware and completely storage agnostic.

“We started looking at an orchestration tool with array-based replication and it was clearly a cobbled together approach, not a true solution. With Zerto Virtual Replication we got the business continuity capabilities we needed in one simple solution that was very easy to manage and maintain.”

Alan Brown, IT Manager
Northern Regional College

Zerto Benefit	Description
 Single Platform	Simple all-in-one hypervisor-based solution for replication, orchestration, and automation
 Minimize Impact	Real-time replication, RPOs in seconds, and RTOs in minutes with 2x faster VM-level recovery
 One-to-Many	Simultaneously replicate VMs on-premises, to Azure, AWS and recover direct to production
 Consistent	Protect and recover multi-VM enterprise applications with consistency groupings
 Storage Agnostic	Replicate VMs from any storage to any storage, adopt new technologies like all-flash arrays
 Recover More	Rewind and recover sites, apps, VMs, and files from increments in seconds from up to 30 days
 Reduce Risk	No-impact failover testing in working hours, end user acceptance, and compliance reporting
 Visibility	View real-time RPOs across multiple datacenters and clouds anytime, anywhere
 Reduce Cost	Reduce management overheads and reduce storage usage by 30%+ with no snapshots
 Integration	Full REST APIs for complete automation, orchestration, integration, standalone, and vRO
 Cross-Hypervisor	Auto VM conversion between hypervisors, vSphere to Hyper-V, between vSphere versions
 Future-Proof	Agnostic, future-proof solution for VMware vSphere, Microsoft Hyper-V, Azure, IBM Cloud, AWS

Feature Comparison	ZVR	SRM v6.5 with ABR	SRM v6.5 with VR
All-in-one solution for replication and recovery	●		
Protect up to 10,000 VMs per vCenter	●	Max. 5000	Max. 2000
Installable and replicating in minutes, not weeks	●		
Hypervisor and storage agnostic replication	●		
Recover between different vSphere versions	●		
Replicate on premise, to Azure, AWS, IBM Cloud, or 350+ CSPs	●		
Real-time block-level replication with RPOs in seconds	●		
No VM or storage snapshots or performance impact	●		
Bandwidth compression, prioritization, and resilience	●		
SQL and Oracle optimization saving 50% bandwidth	●		
Multi-VM consistency groupings for application stacks	●	●	
Simultaneous One-to-Many VM replication	●		
Recover directly to production or recovery site	●		
Journal-based any point in time recovery	●		
Rewind and recover individual files, not just VMs	●		
Automated VM recovery delivering RTOs in minutes	●	Complex	●
Boot ordering, automatic re-IP, and custom scripting	●	●	●
No-impact failover testing and reporting	●	●	●
Automated failback configuration and reverse protection	●	Complex	●
Zerto Analytics for monitoring and reporting	●		
Cross-hypervisor on the fly conversion	●		
Multi-tenancy, self-service, and resource abstraction	●		

Test the Difference in Minutes

Zerto Virtual Replication can be installed, configured and replicating 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.