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Datasheet

Zerto Virtual Replication for Microsoft Azure

Your Cloud, Your Way – Multi-Cloud, Hybrid Cloud

Zerto Virtual Replication delivers IT Resilience in a single platform for disaster recovery, data protection, and workload mobility to, from, and between multiple clouds. Installable in minutes with no downtime, you can simultaneously replicate VMs within the same datacenter, to a remote datacenter and to Microsoft Azure. Zerto Virtual Replication includes failback from Azure, Azure-to-Azure intra region replication, and Azure to AWS bi-directional mobility.

By utilizing Zerto Virtual Replication and Microsoft Azure, the need to provision and manage your own disaster recovery site is removed altogether. This flexibility minimizes costs and risk for using Azure while gaining on-demand, limitless capacity, and scale when you need it.

Minimize the impact of disasters, logical corruptions or ransomware infections by utilizing the power of Journal based recovery to restore VMs, files and folders direct to production from within seconds before the incident occurred, without having to accept the high data loss of using backups. With consistency groupings, migrate, and recover complete applications to, from, and between Azure clouds in the event of an individual application failure, site-wide outage, or as part of a planned migration.

"Zerto Virtual Replication is the only software capable of helping us to build and manage our hybrid cloud platform, while giving us heterogeneous data and application protection and mobility. The support for Microsoft Azure means we don't even need to maintain an expensive DR site anymore, while providing RTOs in minutes, RPOs in seconds and complete flexibility."

Jayme Williams | **Senior Engineer**

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Feature	Description
IT Resilience	Remove lock-in and evolve IT with storage and hypervisor-agnostic replication and recovery
Simplicity	Install in minutes with no downtime to protect Azure, VMware vSphere, and Microsoft Hyper-V VMs
Microsoft Azure	Enable significant cost savings by utilizing Microsoft Azure as a disaster recovery site
Cloud Efficient	Only pay for what you use, no recovery VMs created until needed with limitless burst capacity
Hypervisor-based	Scale-out enterprise-class architecture that enables protection, recovery, and migration for thousands of VMs
Always-on	RPOs in seconds and continuous replication of VM block-level changes
One-to-Many	Simultaneously replicate VMs both locally and to Microsoft Azure, recover direct to production or replicate from Azure-to-Azure, and to AWS to enable multi-cloud resilience
Automation	RTOs in minutes with fully automated recovery or migrations to, and, from Azure
Granularity	Rewind and recover VMs and applications from any point in time in up to 30 days
File-level	Restore files and folders from seconds before corruption, ransomware infection, or deletion
Prove Compliance	No-impact failover testing and reporting to prove recovery in minutes during working hours
Zerto Analytics	Securely monitor protection across multiple sites from anywhere, anytime
Multi-Cloud	Enabling workload mobility to and from both on-premises and public cloud

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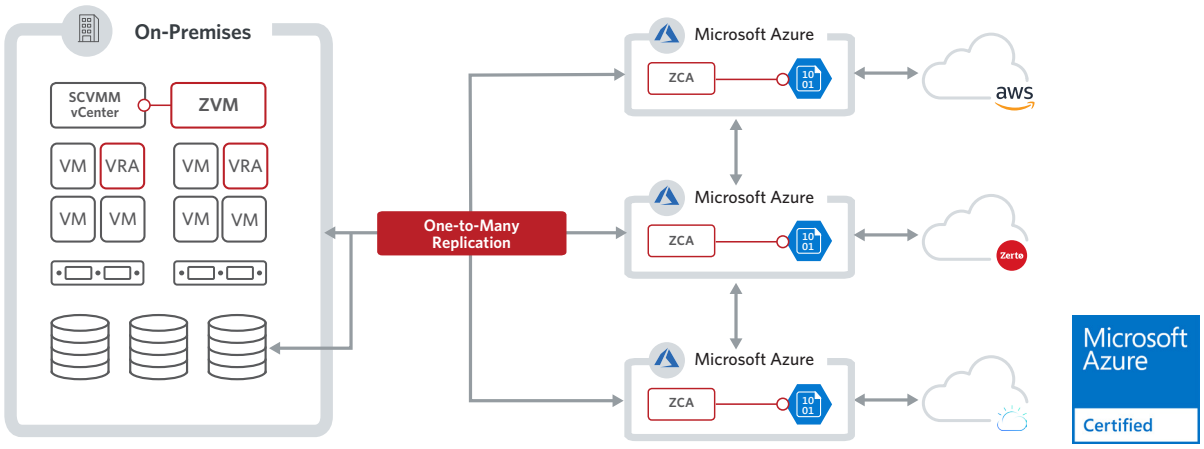
ARCHITECTURAL OVERVIEW



Components	Description
Zerto Virtual Manager (ZVM)	Central management interface for replication and recovery orchestration, deployed in a Windows VM, 1 per vCenter (4.x to 6.5) or SCVMM (2012 R2+) server for redundancy
Virtual Replication Appliance (VRA)	Scale-out architecture of 1 VRA per hypervisor host utilizing 1 vCPU, 4GB RAM, 12GB disk and 1 IP for continuous VM block-level replication with no snapshots and no impact
Azure Connectivity	Using a >5Mbps link pre-configure a VPN to a virtual network or use ExpressRoute for Azure to enable replication between on-premises virtual infrastructure and Microsoft Azure
Azure Zerto Cloud Appliance (ZCA)	Combination of a ZVM and VRA installed in a Windows Azure D3 v2 VM deployed from the Azure Marketplace by searching for "Zerto Virtual Replication for Azure"
Azure Storage	Replica VMs and journal data for point in time recovery stored as cost effective blob storage in a storage account, automatically created in the same region as the ZCA
One-To-Many Replication	Simultaneously replicate VMs within local datacenter, for recovery direct to production, cross-hypervisor, to a DR site, or to multiple Azure regions
Virtual Protection Group (VPG)	Multi-VM consistency grouping mechanism for consistent recovery of applications, supports VMs across hosts, clusters, storage, HA, vMotion, and Storage vMotion
Azure Recovery Settings	On each VPG, pre-configure VM networks, subnets, network security groups, re-IP addressing, and VM sizes to enable automated recovery in minutes

About Zerto

Businesses need to be available to their customers, 24/7/365. Zerto provides Resilience for Evolving IT™ by ensuring enterprises and their customers always have access to business-critical applications without any IT interruption, downtime or delay. Zerto's award-winning Cloud Continuity Platform 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 the confidence they need to withstand any disaster, easily incorporate new technology, and quickly adapt to accommodate evolving IT and business priorities. **www.zerto.com**

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