



Zerto for Microsoft Azure

Mobility and protection to, from or between Azure sites with Zerto

Combining Zerto and Microsoft Azure helps you achieve IT resilience, by converging disaster recovery, data protection and cloud mobility. Fast and flexible workload migration between Azure regions helps you accelerate cloud adoption, while Zerto provides:

Disaster Recovery in Azure: Realize significant cost savings by making Microsoft Azure a disaster recovery site and only pay for what you use with limitless burst capacity.

Easy Migrations To, From, and Between Azure Sites: Zerto migrates applications and data to the cloud, quickly, correctly, and without impact to production environments. This includes migrating between Azure regions. Deploy Zerto in any underlying infrastructure without configuration changes required.

Native VMware on Azure: Zerto supports the Azure VMware Solution (AVS), allowing you to seamlessly migrate workloads to Microsoft Azure without changing your applications, making it easy to take your Disaster Recovery to the cloud.

End of Support for Migrations for Windows 2008 and SQL 2008: Using Zerto, you can migrate these applications and data to Azure in minutes with no downtime, extending support for three more years so you have more time to plan your business' future without compromising security, compliance, and other business service level agreements.

Zerto Capabilities

Application Consistency

Utilize consistency groups known as Zerto Virtual Protection Groups (VPGs) to protect, recover, and migrate all VMs associated with an application to or from Azure in the event of an application failure, ransomware attack, site-wide outage, or planned migration. All VMs are restored to a single point-in-time with data fidelity and integrity as a consistent digital twin of the production VMs in Azure.

Continuous Data Protection

Zerto's industry-leading CDP uses near-synchronous replication at the hypervisor layer. This always-on replication tracks and protects every change in near-real time to ensure RPOs of seconds. Utilize Zerto's unique journaling technology to dramatically mitigate data loss by rewinding and restoring entire sites, applications, VMs, or files with seconds of granularity.

KEY HIGHLIGHTS

Ease of Use

Install in minutes with no downtime

Save Money & Resources

Enable significant cost savings by utilizing Microsoft Azure as a disaster recovery site

Multi-Cloud Enabled

Multi-cloud capability with replication to, from, and between Azure sites, even across regions or to other public clouds

No Vendor Lock-In

Remove lock-in and evolve IT with platform-agnostic replication, recovery, and mobility

Complete Visibility

Gain visibility across your entire multi-site, multi-cloud environment

Orchestration and Automation

Zerto delivers faster management of Azure workloads at scale with minimal touch and automates manual processes to eliminate complex runbooks. This enables organizations to shift from reactive, resource-intensive processes to proactive, strategic IT. Easily configure protection for an entire multi-VM application using pre-defined settings, such as VM boot order, network configuration, and re-IP. Zerto provides ready-made examples to fully automate the protection and mobility of your workloads.

Analytics

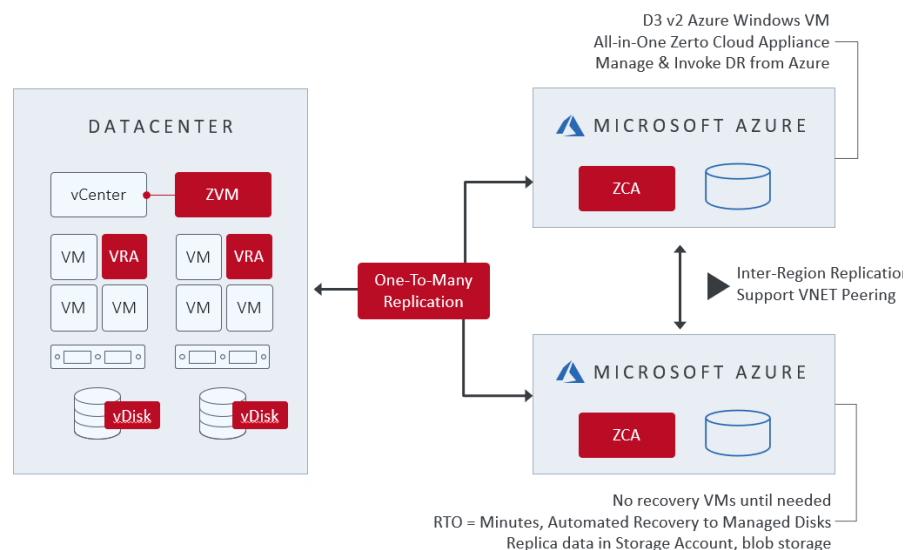
Zerto Analytics provides full visibility into your multi-site, multi-cloud environment. With intelligent dashboards, monitoring, and reporting, users can maintain complete oversight of their entire digital estate's protection status. Using the Resource Planner, organizations can forecast the resources (storage, compute, network, etc.) needed if moving to Azure or protecting more VMs with Zerto.

Non-Disruptive Testing

Enjoy simplified, automated disaster recovery and migration validation testing that can be performed during work hours with zero impact on production. Automatically generate detailed audit reporting on each step of your failover test. Validate and test your migrations ahead of time in an isolated bubble network with on-the-fly VM conversion between hypervisors and cloud platforms. Zerto supports pre- and post-replication scripts to automate the recovery process, as well as PowerShell and REST APIs for further customization.

How it works

When implementing Zerto within Azure, a Zerto Cloud Appliance (ZCA) is deployed from the Microsoft Azure Marketplace, combining the management component (Zerto Virtual Manager) and replication engine (Virtual Replication Appliance) in one. An Azure Storage Account is used and can be automatically created by the ZCA and then utilized to store the incoming replicated data, using cost effective Blob Storage.



Learn more about the benefits of the [Zerto Solution on Microsoft Azure](#).



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's cloud data management and protection solution eliminates the risks 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 converge disaster recovery, backup, and data mobility. Zerto is trusted by over 9,500 customers globally and is powering offerings for Microsoft Azure, IBM Cloud, AWS, Google Cloud, Oracle Cloud, and more than 350 managed service providers. www.zerto.com

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