

# Zerto for Microsoft Azure

## Complete Disaster Recovery and Mobility to, from, and between Azure Regions

Zerto, a Hewlett Packard Enterprise company, enables unique solutions for Microsoft Azure by enabling ransomware resilience, disaster recovery (DR), and multi-cloud mobility in a single software-only offering.

### Use Zerto for Azure to unlock:



**Cost-effective Disaster Recovery:** Realize significant cost savings by making Microsoft Azure a DR site, and only pay for what you use with limitless burst capacity. Zerto also supports in-cloud DR with region-to-region protection for Azure—including orchestrated protection without agents and at scale for hundreds or thousands of cloud VMs.



**Easy Migrations To, From, and Between Azure Sites:** Migrate applications and data to the cloud, quickly, correctly, and without impact to production environments. You can also deploy Zerto on any underlying infrastructure without configuration changes.



**Multi-Disk Consistency in Azure:** Protect VMs with multiple disks in Azure, maintaining cross-volume consistency while replicating out of Azure or across Azure regions.



**VMware on Public Cloud:** In addition to native Azure IaaS, Zerto also fully supports Microsoft Azure VMware Solution (AVS), a customer-dedicated, isolated hardware platform running VMware vSphere. AVS offers performance advantages for certain workloads over normal multi-tenant public clouds—ideal for complex VMs that ordinarily would not be suitable for public cloud. Zerto on AVS unlocks the full potential of Azure's capacity and scale while still leveraging the familiar VMware tooling and expertise you already know for data protection and disaster recovery.

### KEY BENEFITS

#### SCALABILITY

Grow your business at your own pace with agentless support for thousands of cloud VMs.

#### SIMPLICITY

Easy management and faster time to value, even at enterprise scale.

#### FLEXIBILITY

Tailor protection to your cloud journey, from hybrid all the way to cloud native.

#### SECURE

Reduce your risk with rapid ransomware recovery and hardened cloud appliances.

## Zerto Capabilities

### RPOs of Seconds with Continuous Data Protection

Protect every change in real time with industry-leading continuous data protection (CDP), ensuring your recovery point objectives (RPOs) are measured in seconds and radically reducing data loss.

### Purpose-Built for Multi-Cloud, Hybrid Cloud

Remove platform or vendor lock-in by replicating into or out of Microsoft Azure, even across multiple Microsoft Azure regions, with minimal downtime or impact.

### Easily Recover Entire Sites, Multi-VM Apps, VMs, and Files

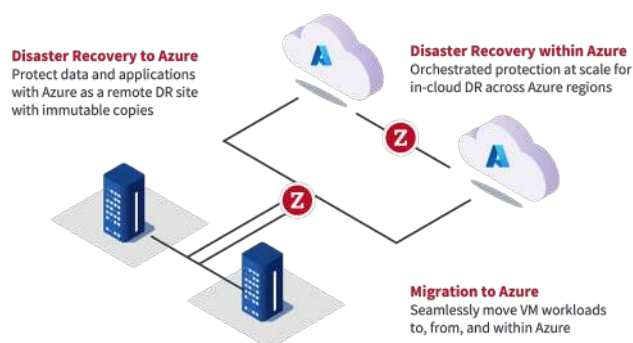
Rewind and recover individual files, folders, VMs, and applications, as well as entire sites, from any point in time within the journal, while simultaneously avoiding extended data loss.

## How It Works

Zerto delivers unrivaled RPOs of seconds and RTOs of minutes, including orchestration and automation of the entire recovery or migration process. When implementing Zerto for Azure, a Zerto Cloud Appliance (ZCA) is deployed from the Microsoft Azure Marketplace as the management component. Virtual Replication Appliances (VRAs) use Azure scale sets to act as the replication engine separate from the interface, allowing users to scale as much as they need. The ZCA automatically creates an Azure Storage Account, which stores the incoming replicated data using cost-effective Blob storage.

When replicating out of an Azure site, a Blob-level mechanism tracks changes in the data volumes of protected VMs—including across multiple disks attached to the same VM—to achieve standard replication. When the ZCA at the Azure site detects a list of changed blocks, they are seamlessly replicated to the target location.

### PROTECTION TO, FROM, AND WITHIN



## Choose Zerto for Microsoft Azure

Zerto for Azure unlocks unique solutions and benefits that other providers can't match, including easy migrations, vendor freedom, multi-disk consistency, and industry-leading recovery times. With flexible DR target sites—including recovery to Azure and in cloud—Zerto lowers your cost and simplifies your Azure environment.

**Learn more about the benefits of Zerto for Microsoft Azure.**

[LEARN MORE](#)

### 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 eliminates the risk 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 solve for ransomware resilience, disaster recovery, and multi-cloud mobility. Zerto is trusted by over 9,500 customers globally and is powering offerings for Amazon, Google, IBM, Microsoft, and Oracle and more than 350 managed service providers. [www.zerto.com](http://www.zerto.com)

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