



# Zerto on IBM Cloud

## Complete data protection and mobility on IBM Cloud

Zerto on IBM Cloud converges disaster recovery, backup, and workload mobility through a single, simple and scalable solution.

Zerto unlocks the full potential of IBM Cloud's limitless capacity and scale on demand by moving application and data workloads from on-premises to IBM Cloud (and back). IBM Cloud is designed to be hybrid and multi-cloud with the ability to replicate and failover between IBM Cloud and Azure or Amazon Web Services (AWS). Installation of Zerto on IBM Cloud is automated and easy, greatly reducing deployment times. There's no additional cost to transfer data within IBM Cloud that leverages the high-speed private IBM backbone network worldwide. This minimizes risk and reduces overall costs.

With recovery point objectives (RPOs) of seconds and recovery time objectives (RTOs) of minutes, IBM Cloud and Zerto minimize the impact of disasters, logical corruptions or ransomware infections. Powered by journal-based recovery, Zerto restores VMs, files and folders from seconds before the incident occurred, eliminating the high data loss of using backups. With consistency groupings, migrate and recover complete applications to and from IBM in the event of an individual application failure, site-wide outage, or as part of a planned migration.

## Key Capabilities

### Unlimited Network Backbone

Securely, replicate and migrate VMs between IBM Cloud datacenters, across IBM Cloud's highspeed, global network backbone, without charge. Ensure IT resilience with multi-site disaster recovery on IBM Cloud at no additional cost.

### Seamless Experience

Use existing tooling and knowledge while gaining scalability and cost-efficiency in the cloud. Providing a native VMware and Zerto environment, you can run the same tools, processes, and applications on IBM Cloud as you're used to on-premises.

## KEY HIGHLIGHTS

### Ease of Use

Be installed and replicating in under 2 hours. No professional services, no resource overheads, simple

### Best Performance

Zerto delivers industry-best RPOs of Seconds and RTOs of minutes

### No Production Impact

No agents, no snapshots, no guest VM impact. Test recovery without production impact at any time within 3 clicks

### Complete Visibility

Complete analytical view of current and historical platform performance included, enabling proactive management of your infrastructure

### Multi-Cloud Enabled

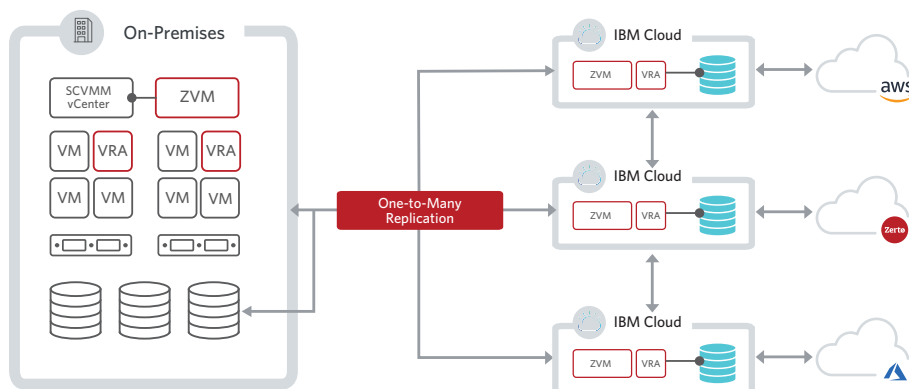
Multi-cloud capability with replication to, from, and between IBM Cloud sites or to other public clouds

## Visibility and Control

Built-in analytics delivers real-time and historical insights on the health and protection status of your applications and data across your entire protected environment. Intelligent dashboards and reports allow you to spot trends, identify anomalies, and troubleshoot issues in the network, RPO, and other business service levels. With these insights and resource planning capabilities, you can solve for inefficiencies and resources better allocate resources to drive continued efficiencies across the IBM cloud.

## Mobility

Use built-in automation and orchestration to seamlessly move applications from on-premises to IBM Cloud, Azure, AWS, or to any of our 350+ CSP partners. This gives you true workload mobility within a single solution offering a consistent user experience.



Components	Description
Zerto Virtual Manager (ZVM)	Central management interface for replication and recovery orchestration, deployed in a Windows 2012 R2 Server VSI, 4vCPU, 8GB RAM, 100GB SAN storage
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
IBM Cloud Connectivity	Using a >5Mbps link pre-configure a VPN to a VM Virtual Network to enable replication between on-premises virtual infrastructure and IBM Cloud
IBM Cloud Storage	Depending of the environment, replication storage may be either VMware vSAN storage or IBM Cloud Endurance shared NAS
One-to-Many Replication	Simultaneously replicate VMs within local datacenter, for recovery direct to production, cross-hypervisor, to a DR site and to multiple IBM Cloud regions and other multi-clouds including Azure or AWS

Visit our website to learn more about the power of [Zerto on the IBM Cloud](#).



## 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 IBM Cloud, AWS, Google Cloud, Oracle Cloud, and more than 350 managed service providers. [www.zerto.com](http://www.zerto.com)

Copyright © 2022 Zerto. All information may be subject to change.