Zerto Disaster Recovery

Seamlessly protect, expand or migrate your existing VMware vSphere and Microsoft Hyper-V workloads

Highlights

- Predictable Billing
- Global Infrastructure
- Continuous Data Protection
- Application Consistent Recovery and Migration
- Technology Agnostic
- Easy to Manage

In today's always-on, information-driven organization, business continuity depends completely on IT infrastructures that are up and running 24/7. The costs of downtime are significant, and downtime can put a company out of business. Downtime is not only caused by natural disasters, but also by power outages, hardware failure, user errors, and cyber-attacks. Therefore, thorough security and business continuity strategies are crucial for modern businesses to minimize data loss and downtime.

Why IBM Cloud

IBM Cloud helps organizations improve productivity and efficiency, reduce IT overhead costs, and gain agility by offloading IT resources and management complexity to the cloud. Customers can accelerate hybrid cloud adoption by harnessing Zerto Virtual Replication (ZVR) technology available on IBM Cloud. This integrated solution enables simple, automated recovery, migration and mobility of existing VMware vSphere and Microsoft Hyper-V workloads to one of IBM Cloud's 50+ data centers around the world.

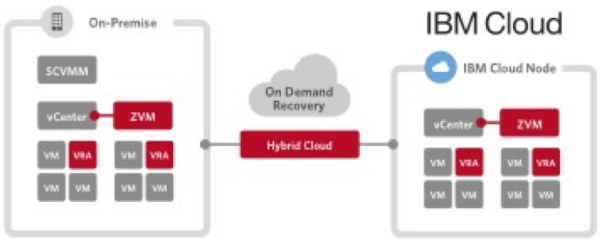
A unique flexible solution

You have full access to the native VMware and Microsoft stack and Zerto management to manage resources, business continuity and disaster recovery (BC/DR). The user experience is similar to that for existing workloads but with the added ability of simple and predictable usage-based pricing. The solution enables you to transform static server and network infrastructures into dynamic resource pools, which can be provisioned on demand, based on their changing business requirements, as well as protect existing workloads with recovery point objectives (RPO) measured in seconds and recovery time objectives (RTO) measured in minutes.

What is Zerto in IBM Cloud

Zerto in IBM Cloud as a DRaaS is a smart choice since the cloud is more flexible and less expensive than implementing a self-owned DR site. Experts in IBM Cloud take on the daily management and maintenance of the environment, further increasing the ROI and flexibility.

Zerto in IBM Cloud for Disaster Recovery



Architecture of Zerto in IBM Cloud based on VMware Cloud Foundation™

Zerto in IBM Cloud for Disaster Recovery

Zerto Disaster Recovery and IBM Cloud Use Cases

Protecting Cloud Workloads

Zerto Virtual Replication can be used to protect cloud workloads running on separate IBM Cloud environments. Applications running in the cloud can also be protected across a second IBM Cloud location and recovered or migrated on-demand, between IBM Cloud data center. This ensures applications and data are available with RPOs of seconds and RTOs of minutes. Organizations are able to achieve IT resilience to respond quickly to interruptions in service so that revenue generating activities and hard-earned corporate reputations remain intact.

Migration to the Cloud

Zerto virtual replication can also be used to facilitate application mobility into IBM Cloud. Users can encapsulate applications and data for simplified mobility, protection and management. Organizations are not locked into infrastructure. With bi-directional replication to and from IBM Cloud, users can move applications in minutes. Applications running in the cloud can also be protected across a second cloud data center and recovered or migrated on-demand.

Disaster Recovery as a Service (DRaaS) with Hybrid Cloud

The simplest way to utilize Zerto with IBM Cloud is for an organization to leverage one of IBM's 50+ Cloud data centers for the recovery site, with no distance limitations. This provides a form of do-it-yourself DRaaS. The solution includes a dedicated vCenter- as-a-service and storage. This is a great way for organizations to get familiar with IBM Cloud for additional use cases as the non-disruptive DR testing builds confidence in the performance of applications within the IBM Cloud environment.

Why IBM?

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For more information

For more information about VMware on IBM Cloud, please visit: ibm.com/cloud/vmware.

Or call 1-844-95-CLOUD (Priority code: CLOUD) to talk with an IBM Cloud advisor to learn more.

Additionally, IBM Global Financing provides numerous payment options to help you acquire the technology you need to grow your business. We provide full lifecycle management of IT products and services, from acquisition to disposition. For more information, visit: ibm.com/financing

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