

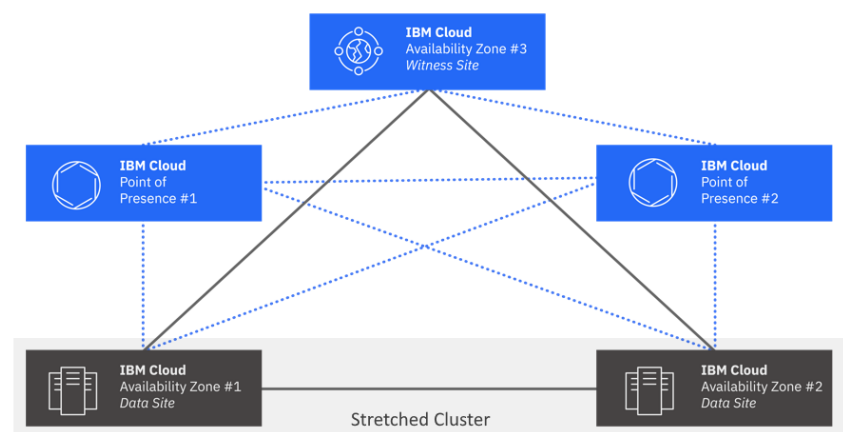
IBM Cloud for VMware Mission Critical Workloads

Highlights

- Four nines (99.99%) of availability at the VM level
- Full recovery in only minutes
- Automated failover via dual-site design
- No-cost replication between IBM Cloud data centers
- Multiple DR options without paying for a 1:1 environment
- Tiered backup solutions with cost savings
- Automated deployment drastically reduces operational costs
- Flexible sizing accommodates different requirements
- Customizable HW platforms
- Simple application migration (no changes required)

Providing a Multi-Site Active/Active Infrastructure with Automated Customer Workload Failover for high availability workloads

The demand for higher availability and uptime continues to increase as enterprises move more workloads to the cloud. The criticality and impact of outage are requiring solutions with greater resilience and uptime. However, few enterprises want to invest in the infrastructure, resources, and expertise required when deploying business critical workloads. IBM Cloud is able to offer advanced levels of automation and managed solutions to meet the needs of moving VMware-based business critical workloads to the cloud.



What can IBM Cloud for VMware Mission Critical Workloads do for me?

Investing in a multi-site infrastructure can be costly, complex and difficult to manage. By leveraging IBM Cloud’s multi-zone regions (MZR), our automated tooling for VMware deployments and a best practices implementation of the vSphere environment, customers can reduce the time to implement, reduce the operational costs and still maximize availability of their VMware workloads.

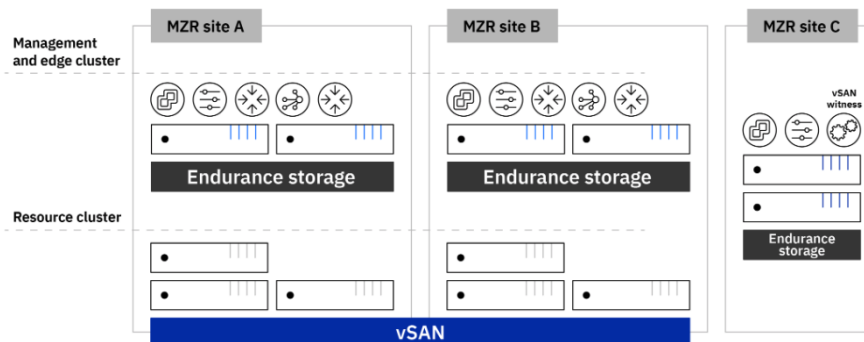
Utilizing tried and true VMware’s tooling such as vSAN stretched clusters, enterprises can implement solutions to meet their most stringent data availability metrics. With the automated deployment of stretched clusters, enterprises can synchronously replicate data across availability zones, addressing a complex and costly technology stack.

Will my data be protected?

This solution set provides a high degree of control, management, and security. Offered in both managed and unmanaged implementations, customers consult with IBM to develop the solution specific to their core set of business critical VMware workloads ensuring they meet availability requirements.

Am I giving up ownership?

Customers can start deploying the IBM Cloud for VMware Mission Critical Workloads via the VMware ordering site on IBM Cloud. This allows them to manage their VMware infrastructure under their own controls and requirements in order to meet their data availability requirements. And if they require maximum availability in a managed deployment, IBM Services teams can deploy a fully managed mission critical solution to meet their specific SLA requirements.



Why IBM?

Built on IBM Cloud's worldwide data center infrastructure, proven VMware technology and industry leading managed services, IBM Cloud for VMware Mission Critical workloads provides SLAs up to 99.99% at the virtual machine level.

Customer data is managed and replicated across multiple IBM Cloud data centers within region using VMware's vSAN stretched cluster to ensure data loss is reduced to zero in the event of a full site failure. In addition, recovery of virtual machines across facilities is fully automated via high availability features of the VMware software defined data center (SDDC) stack.

Next steps

→ [Get started!](#)

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