

ProtectIO Disaster Recovery as a Service by PrimaryIO

Overview

ProtectIO is PrimaryIO's on-demand DRaaS platform that protects primary site VMware workloads by replicating them to an IBM cloud VPC or IBM Classic target DR site. Leveraging the latest of available technologies, ProtectIO is MODERNIZED DR helping customers by providing continuous data protection and IBM Cloud robustness while also delivering economics of Object Storage usage for an attractive Total Cost of Ownership.

Designed with focus on user experience

ProtectIO is not only robust in functionality, but also easy to administer from its centralized intuitive browser accessible UI. This easy to navigate design returns DR management to in-house resources (or PrimaryIO's managed service) rather than outsourcing to an MSP - all without compromising near-zero-seconds RPO for VMware-virtualized application workloads.

Key replication methodology is based on VMware's VAIO framework. A ProtectIO service, based on VAIO, runs on each ESXi host sending changed data blocks to the DR receiver component running on the target (DR) site.

Changed I/O blocks are, by default, stored in low-cost Cloud Object Storage, delivering the most cost-effective DR site economics. At customer option, higher cost can be traded off for improved RTO, giving customers flexibility in price/performance.

Parameter	Detail	
Replication Method (snapshot or other...)	Continuous data protection	
Recovery Point Objective (RPO)	Near-zero seconds	
RTO with Block/NFS Storage	15 minutes	
RTO with Cloud Object Storage	1-10+ hours	
Target site requirement	At least one ESXi host IBM Cloud Classic OR VPC	
Supported primary site	On-prem, IBM Cloud Classic, IBM Cloud VPC VMware virtualized workloads	
Architecture	SaaS/DRaaS, multi-tenant, cloud native	
End-user managed functions from intuitive Web accessible UI	<ul style="list-style-type: none"> CDP policy ID, review list of protected virtual machines Initiate, monitor failover Initiate, monitor failback 	
PrimaryIO managed plan option	Option to utilize IBM Cloud based always PrimaryIO infrastructure for target/DR site	
Supported IBM cloud regions	<ul style="list-style-type: none"> Dallas, TX Washington, DC Toronto Montreal 	<ul style="list-style-type: none"> Frankfurt London Madrid

Market driven

In addition to gathering market needs to better define product capabilities, PrimaryIO believes that good business decisions result from informed conversations. With this in mind, the PrimaryIO team does its best to be available to support conversations as early in your information gathering process as feasible. Whether customer or channel, please feel free to reach out and engage the PrimaryIO team so that we can better understand your or your customer's requirements.