RecoverIO Ransomware Protection/Recovery

by PrimaryIO

Overview

RecoverIO is PrimaryIO's ransomware protection/recovery option for the ProtectIO DRaaS platform. ProtectIO protects primary site VMware workloads by replicating them to an IBM Cloud VPC or IBM Classic target DR site. RecoverIO stores the ProtectIO data in an immutable, unchangeable, uninfectable cloud object storage instance with a configurable retention policy.

Recovery Flow

RecoverIO ensures that there is a point in time prior to any data corruption, loss or infection from which one can retrieve a clean version of the data. From a process standpoint, upon recognition of a ransomware infection, an isolated sandbox recovery environment is created in order to evaluate data in order to ascertain the point in time just prior to when the data corruption occurred. The platform supports any security analysis tools that the customer chooses to employ. PrimaryIO provides the data platform, but leaves the selection of security analysis tools to each client. An example of available tools would include IBM's Cyber Resiliency Platform with which RecoverIO is fully integrated in order to fail over into the ICCR platform..

Parameter	Detail	
Protection Method	Continuous data replication	
RPO	Near zero seconds RPO	
RTO with Block/NFS Storage RTO with Cloud Object Storage	15 minutes 1-10+ hours	
Target site requirement	At least one ESXi host + vCenter 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	● CDP policy ● ID, review list of protected virtual machines ● Initiate, monitor failover ● Initiate, monitor failback	
PrimaryIO managed plan option	Option to utilize IBM Cloud always-on PrimaryIO infrastructure for DR site	
Supported IBM cloud regions	● Dallas, TX ● Washington, DC ● Toronto ● Montreal	● Frankfurt ● London ● Madrid

Engagement

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.