Zerto and Microsoft Azure Data Box Edge

Fast, scalable cloud storage for on-premises backups

Zertø

Overview

Zerto IT Resilience Platform and Microsoft Azure Data Box Edge, a gateway device that allows on-premises workload backups to easily consume Azure Storage, delivers a direct route to utilize cost efficient cloud storage to provide short-term and long-term retention of data and applications. Microsoft Azure's endless capacity, coupled with Zerto's incremental long-term retention capability, enables users to meet compliancy requirements for longer term retention, without the traditional backup production impact.

How it Works

Microsoft Azure Data Box Edge requires an edge device to be installed into the on-premises recovery datacenter as either a physical or virtual appliance. The appliance connects directly to Azure block blob, page blob, and files using a protected and encrypted connection. This device supports local storage for on-premises backup and recovery, before replicating into Azure. Zerto utilizes Continuous Data Protection (CDP) from your production site(s) to any target site without the traditional production impact whilst delivering a journal with seconds of granularity for short-term recovery requirements (up to 30 days). A NFS share can then be presented out from the Azure Data Box Edge appliance and added as a repository within Zerto and utilized as a target for long-term retention for any or all protected VMs.
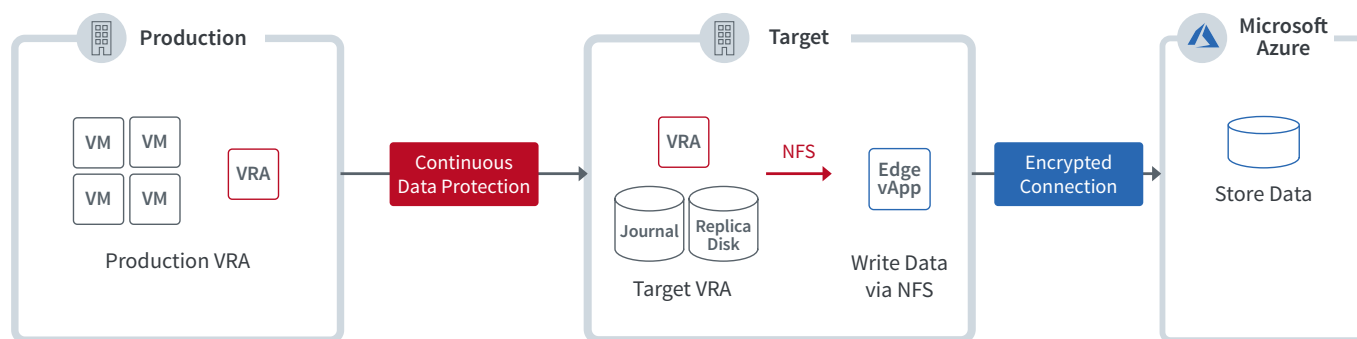
Benefits

- Zerto utilizes Continuous Data Protection eliminating the need for periodic backups while providing seconds of granularity. We live in a world of NOW, so should your backups.
- Only one additional appliance required, no media servers.
- Backup window only exists from target site to Azure with no production impact or scheduling issues.
- Fast recovery from long-term retention using Azure Data Box Edge Appliance cache.

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