

Automating Disaster Recovery with EZDR and SimpliVity

Solution Brief

BENEFITS

- Intuitive and simple DR Orchestration
- Up and running in less than one week
- Proven RTOs and RPOs
- SimpliVity and VMware Ready
- 300% CAPEX and OPEX TCO reduction

What is EZDR?

VM2020's EZDR is a disaster recovery automation and orchestration tool for SimpliVity environments. EZDR simplifies the management of disaster recovery plans by providing a user friendly interface from which administrators can quickly create and test their DR plans and scenarios. EZDR ensures reliable recovery by eliminating complex and time consuming manual recovery steps and allowing for agile non-disruptive tests.

EZDR integrates seamlessly with your SimpliVity and VMware environments to make automated and orchestrated failover and recovery rapid, reliable, and affordable. It enables CIOs and system administrators to quickly meet audit and compliance requirements without the need to partake in unnecessarily large and expensive DR projects that can take months or even years to complete.

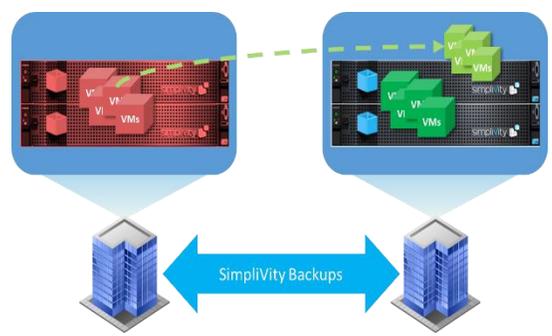
Why EZDR?

EZDR takes full advantage of SimpliVity's native data protection:

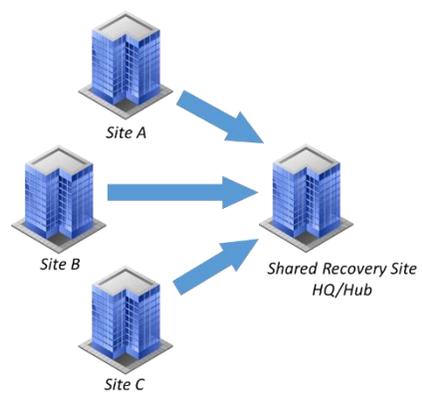
- Simplicity – integrates with SimpliVity policies
- Resource Efficiency
- Business Continuity
- Minimal impact fast restores
- Storage efficiency
- WAN Optimization

By adding EZDR to your environment, you will be able to roll out automated Site Recovery and multi-VM Disaster Recovery operations with RTO and RPO of minutes regardless of the VM size at industry-leading price points.

These benefits require no additional certifications and rely on a user-friendly tool that guides the vCenter administrator through the process of creating fully functional DR Runbooks. Those processes can then be invoked manually, connected to vCenter alarms, or integrated with existing management frameworks.



Active-Active SimpliVity Datacenters protected by EZDR



Hub-and-Spoke architectures are fully supported with EZDR

KEY FEATURES

- Intuitive interface
- DR with granularity at the VM level
- All datacenter architectures supported
- Automatic generation of evidence documents for IT and risk audits
- Select DR networking
- Automated Fail-Back
- IP Change functionality
- Reconfigure CPU and RAM
- VM “Kill List” at DR Site
- Boot Order Selection
- Automated Cleanup for Testing
- Startup Delays
- Unlimited Recovery Plans
- Priced per protected VM

DR with SimpliVity and EZDR vs the Traditional DR approach

In the traditional DR approach with legacy infrastructure most of the budget is dedicated to storage replication and DR automation licensing. This leaves little time and resources for application portability and remediation, resulting in a high probability of never achieving comprehensive site DR with end user failover causing the project to fail or be abandoned.

EZDR’s and SimpliVity’s dramatic reduction in infrastructure costs, licensing costs, and operational complexity allow IT administrators and executives to approach DR projects from a new perspective where they can embark in low cost, incremental phases to achieve comprehensive site DR with end user failover. These phases can be implemented and completed in weeks (as opposed to months) and can provide tangible results that can fund the subsequent phase until the desired level of automation and failover is achieved.

EZDR Customer Testimonial

Industry: Medical Care and Clinical services

Infrastructure: SimpliVity datacenters on a 6+4 architecture with EZDR-PLUS for 150 VMs

Key Metric: RTO for 150VMs of 1 hour (including startup delays)

“EZDR for SimpliVity has allowed us to significantly exceed risk management metrics critical to the business and customer satisfaction. By enabling a cost-effective, predictable, and measurable Site Recovery process we can now regularly demonstrate that our Recovery Time Objective (RTO) and Recovery Point Objective (RPO) meet the company’s requirements without any impact to users.”

-- IT Infrastructure Manager

How EZDR Works

EZDR is a tool that can be installed on any Windows machine that has connectivity to the VMware/SimpliVity environment (admin machine, testing VM, vCenter).

EZDR provides an integrated interface from which administrators can orchestrate disaster recovery to and from their sites. EZDR offers administrators a way to set up and test key elements of disaster recovery plans:

Creating Recovery Plans: From EZDR’s intuitive interface administrators can easily create different recovery plans/runbooks for different scenarios; testing, critical VMs only, complete datacenters, and many others.

Testing Recovery Plans: The runbooks can be tested on production scenarios or they can be tested to isolated networks to avoid interfering with productive networks and VMs

Troubleshooting Applications: By taking advantage of SimpliVity’s low impact fast restores EZDR allows administrators test restore plans, identify and remediate application portability issues, clean-up, and re-test with an unprecedented speed and agility.