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The Benefits of DRaaS: Minimizing Time to Value

Modernize, Optimize and Protect
with VMware Cloud Disaster Recovery™

Organizations can save 60% or more by using a DRaaS (Disaster Recovery as-a-Service) solution, like VMware Cloud Disaster Recovery, compared to the traditional approach of implementing disaster recovery (DR) on-premises. The total cost of ownership (TCO) for DR includes four main areas: DR failover infrastructure, IT Hardware, IT Software and Labor.

Datacenter and Facilities for DR Failover: includes physical space for DR failover capacity as well as power and cooling for running that facility (and all the hardware housed inside).

IT Hardware (plus support contracts): includes servers, switches and storage hardware that provides the DR failover infrastructure.

IT Software (plus support contracts): includes both the infrastructure and DR software. Assuming a VMware-based environment, this includes components such as vSphere, NSX, vSAN, SRM and third-party storage-based replication if not using vSphere Replication. OS and application costs are expected regardless of the DR model of choice.

Labor: defining DR runbooks, conducting DR tests (both on-premises and DRaaS), cost to deploy, update, support, prevent configuration drift of secondary DR datacenter (on-premises DR only)

DRaaS Provides Compelling Cost Savings

At a macro level, DRaaS provides compelling cost savings as it doesn't require maintenance and support for a second datacenter. Other items to consider include:

1. Data center/facilities, hardware and software licensing and support contract costs are all included in the DRaaS charges, and are lower than for on-premises DR

2. IT Teams no longer need to spend valuable time to deploy, update, support and manage the configuration drift of the second datacenter because VMware does all of that as part of operating the DRaaS solution

3. Software and infrastructure costs for DRaaS are lower than for on-premises DR

VMware Cloud Disaster Recovery can save you 60% or more, compared to Traditional DR

Get it right: a tiered approach to Disaster Recovery with VMware Cloud Disaster Recovery

VMware Cloud Disaster Recovery offers on-demand disaster recovery, delivered as an easy-to-use SaaS solution, with cloud economics. It provides the reliability, ease of use, and flexibility to support the unpredictable characteristics of disaster scenarios.

Save your hardware dollars—it's all in the cloud

Leverage cloud economics with a 'pay when you need' failover capacity model and benefit from no upfront application compute costs

Map RPO and RTO requirements and align them with your recovery strategies with defined criticality tiers. Customize your DR plans with ease of use and flexibility to match your business requirements with resource allocation efficiency.

Optimize DR costs and resource inefficiencies by tuning SLAs to match application requirements. **Why overspend** on high availability for Tier 2 and 3 applications?

Why re-train your entire IT team on a new, unfamiliar solution?

Test and orchestrate your DR plans non-disruptively to ensure DR readiness

Top VMware Cloud Disaster Recovery use cases

Recover from ransomware
Non-disruptive validations of immutable cloud-based recovery points ranging from hours to months old and instant powering on of VMs in the cloud drive confidence in rapid ransomware recovery. By the end of 2021, **one organization will fall victim to ransomware every 11 seconds.**[4]

Expand or replace existing DR site
Modernized DR operations delivered as a cloud-based service remove the need to own, rent or maintain secondary DR sites while reducing burden on IT teams and driving TCO reductions compared to traditional DR.

Optimize DR costs
Tune your SLAs and costs to match application requirements and pay only for the protection you need—all within a familiar VMware ecosystem. TCO can be optimized; Gartner reports that **55% to 65% of I&O leaders often overspend** in backup and recovery by at least 30%.[5]

Audit-ready DR
Automated healthchecks and workflows along with integrated reporting of testing, failover and failback operations drives compliance risk mitigation and provides proof that DR plans are being tested and executed correctly.

Remote Office/Branch Office (ROBO) DR
Run business applications for up to 20 remote sites to restore apps in the event of a disaster, and manage DR via a centralized SaaS-based management console.

VMware Cloud Disaster Recovery: Get on-demand disaster recovery, delivered as an easy-to-use SaaS solution, with cloud economics

With VMware Cloud Disaster Recovery you get the ideal combination of cost-efficient cloud storage with simple SaaS-based management for IT resiliency at scale and a 'pay-as-you-go' failover capacity model — all with consistent VMware operations across production and DR sites.

Regardless of where you are in your journey, it's a good time to rethink your disaster recovery approach by modernizing your DR plan, optimizing costs associated with inefficient DR resource allocation, and driving confidence in restoring your critical applications if ransomware strikes. Regaining control of IT time and idle resources could be the highest dividend your strategy pays.

Explore the benefits of VMware Cloud Disaster Recovery today!

[LEARN MORE]

1. Gartner, "Using Public Cloud to Reduce DR Costs", Nik Simpson, December 2020
2. Global Data Protection Index Survey 2020 Snapshot
3. Gartner, "Survey Analysis: IT Disaster Recovery Trends and Benchmarks", April 2020
4. Cybersecurity Ventures
5. Gartner, "How to Cut Costs for Backup and Recovery Software, Now and In the Future", Jeff Vogel, December 2020

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