Implement Disaster Recovery

VCF Professional Services

At a glance

Create and implement a DR strategy leveraging VMware Live Recovery that enables protection and full recovery of your workloads on VMware Cloud Foundation® (VCF).

Key benefits

- Implement a comprehensive DR strategy quickly and efficiently

- Simplify DR operations

- Establish ongoing processes to validate DR plans and remove configuration drift

- Meet your RPO and RTO goals

- Reduce risk and complexity

- Minimize disruption to existing operations

- Free up your IT staff to work on business-critical tasks

Disasters happen. To protect your business-critical applications and data you need to prepare for and be able to recover from these events. Implementing a flexible and scalable disaster recovery (DR) strategy can help you respond and recover quickly. Do you have a DR strategy or plan in place? Are you able to meet your recover point objective (RPO) and recovery time objective (RTO) goals? Does your team have the required experience and skills? Our VMware Pro Cloud Service™ to Implement Disaster Recovery can help.

Service overview

VCF Professional Services can help you create and implement a DR strategy that enables protection and recovery of your business-critical workloads on VCF. Delivered by a cross-functional team of VMware technology experts, we leverage reference architectures to provide a standardized and prescriptive approach to defining and implementing your DR strategy.

Develop a DR strategy

We start by creating your DR strategy. We work with you to develop an approach based on your business goals and constraints. We identify RPOs and RTOs, any deadlines or time constraints, cost constraints, storage constraints, and application constraints and requirements. Then we define a high-level DR plan with specific execution tasks.

Discover and analyze the environments

Next, we discover and analyze the environments to be protected. This includes information on virtual workloads, applications, and virtual infrastructure. We evaluate packet flow between workloads in the current environment. Based on packet flow we determine dependencies within each application and between applications, define protection groups, and establish restart priorities. We configure replication timing and snapshot frequency to match your required RPO and RTO.

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Create a detailed DR plan

Your DR strategy may consist of multiple DR plans. We define the scope of each DR plan as well as the recovery steps and sequence.

Design and configure the DR solution at the recovery site

We design the DR solution to match your compute, networking, storage, and memory requirements. We configure the solution and map protected site resources, such as network segments, to recovery site resources.

Test and validate failover

We execute your DR plan(s) to validate failover. When running a DR test, we select a specific set of snapshots that match your RPO. We work with your applications team to validate that the recovered applications are functioning as expected and the data is consistent. We determine any changes that are needed, update the DR plan(s), and then retest. This is performed until the DR plans are reliable.

Get started operating your DR solution

To help you effectively manage and operate your DR solution, we provide best practices and standard operating procedures. This includes establishing ongoing processes to detect and manage configuration drift. We provide guidance on how to integrate these operating procedures with your existing procedures. We also help enable your IT team through knowledge transfer throughout the engagement.

Benefits

VCF Professional Services can help you fast-track your data resilience. We can create and implement an end-to-end disaster recovery strategy that meets your RPO and RTO objectives, accelerate time-to-protection, and simplify disaster recovery operations. We use a proven, scalable, and repeatable methodology to help ensure your implementation is effective and successful and establish ongoing processes to continuously validate DR plans and remove configuration drift.