

VMware Live Site Recovery Add-On Services for VVF



This service is designed to assist with the initial design and configuration of VMware Live Site Recovery as an add-on for a newly installed 3-6 node onprem VVF environment. The following license models qualify for this service:

- VMware Live Site Recovery
- VMware Live Recovery Protected VM
- VMware vSphere Foundation (VVF)
- VMware ESX Enterprise Plus
- vCenter Standard
- VCF / Aria Operations
- VCF / Aria Logs
- vSAN
- VKS

Project Scope

The goal of the engagement is to configure the new VMware Live Site Recovery environment per the Customer's requirements and assist with implementation, troubleshooting and best practices. Services will be performed over a 1 - 2 concurrent week period. All services will be performed remotely.

To maximize the session, it is important that the Customer has their configuration requirements documented, and remote access prepared prior to the scheduled session. Configuration requirements will be completed via remote access on the existing Customer on-prem infrastructure as-is by the Architect assigned to the project. There will be little to no change, except as needed to install/configure VMware Live Site Recovery, to the existing infrastructure in order to meet the Customer requirements.

After initiation of the project, the Customer will receive an email requesting the following information:

1. Scheduling: Open times for remote session schedule
2. Remote Access: Description of Remote Access Requirements
3. Stakeholders: Who the Customer would like the Sr Consultant to work with on a day-to-day basis
4. Regulations and Controls: Description of relevant regulations and controls that affect the environment - software development lifecycle, administrative, HIPAA, regulatory, security and audit controls, etc.
5. Configuration Requirements Worksheet: Needs to be completed prior to session

The engineer will remote in during the scheduled time and complete the following tasks:

1. Perform Customer environment interview to gather current infrastructure configurations of VVF for a Live Site Recovery design plan
2. Design and configure recovery plan to target recovery site
 - a. Demonstrate how to map application dependencies, define protection groups, configure replication timing and snapshot frequency
 - b. Define up to 3 DR plans
 - c. Design and configure the DR solution at the target recovery site
 - d. Test and validate failover

3. VMware Live Site Recovery design plan will adhere to VMware best practices to include:

a. Ensure DC1 and DC2 are configured per VMware best practices

Failover Orchestration:

- When a primary site experiences a disaster, VMware Live Site Recovery automatically orchestrates the failover of virtual machines and applications to a secondary site.
- This includes tasks like powering on VMs, attaching storage, and configuring networking.
- VMware Live Site Recovery minimizes downtime by automating these processes.

Failback Orchestration:

- After the primary site is restored, VMware Live Site Recovery orchestrates the failback of virtual machines and applications.
- This ensures a smooth transition back to the original environment without interrupting business operations.

Non-Disruptive Testing:

- VMware Live Site Recovery allows for non-disruptive testing of recovery plans without impacting the production environment.
- This helps ensure that recovery plans are working as expected and reduces the risk of issues during a real disaster.

Replication and Storage Management:

- VMware Live Site Recovery works with different replication technologies, including [VMware vSphere Replication](#) and storage replication adapters (SRAs) from various vendors.
- VMware Live Site Recovery can manage replication relationships and ensure that data is replicated between sites.
- VMware Live Site Recovery also handles storage management tasks like creating datastores and managing replication groups.

Automated Orchestration:

- VMware Live Site Recovery automates many of the tasks involved in disaster recovery, reducing the need for manual intervention.
- This helps ensure that recovery is quick, consistent, and reliable.

4. Establish ongoing DR processes

5. Review install and provide knowledge transfer at end of session

Services are limited to the following configuration assumptions:

- VMware Live Site Recovery standard design and install for a VMware VVF for a 3-6 node environment
- If configuration is more complex or requires additional functionality, a custom Scope of Work can be developed to meet the Customer's needs.