



Solution Brief

Key Benefits

- Reduced downtime and faster recovery
- Stronger ransomware and cyberattack protection
- Predictable and automated recovery workflows
- Lower operational overhead

VMware Cloud Foundation 9 Live Recovery Design & Implementation

In today's threat landscape, business continuity is no longer optional; it is a strategic requirement. Organizations need a recovery solution that protects against outages, cyberattacks, and ransomware while ensuring rapid, reliable restoration of critical workloads.

The VMware Cloud Foundation 9 Live Recovery Design & Implementation Service provides a complete, end-to-end approach to building a unified disaster recovery and cyber recovery strategy across Production and Disaster Recovery sites. This service integrates VMware Live Recovery, vSphere Replication, vSAN Data Protection, and VCF Operations into a cohesive recovery architecture aligned with VCF 9 best practices.

The Design phase defines the full recovery architecture, including replication policies, recovery plans, RPO/RTO objectives, isolated recovery environments, and mappings across sites.

The Implementation phase brings that architecture to life by deploying the Live Recovery Appliance, configuring replication, establishing recovery plans, and enabling automated orchestration for both disaster recovery and cyber recovery scenarios.

The result is a resilient, secure, and operationally consistent recovery platform that protects your business from outages and modern cyber threats.

Overview

- End-to-end design and deployment of VMware Live Recovery within a VCF 9 environment
- Architecture and implementation across Production and Disaster Recovery Sites
- Integration of vSphere Replication, vSAN Data Protection, and array-based replication (if applicable)
- Design and configuration of recovery plans, RPO/RTO objectives, and replication policies



Solution Brief

Key Benefits

- Consistent recovery architecture across sites
- Improved compliance and governance
- Scalable and future-ready continuity strategy
- Architecture aligned with VMware standards

- Deployment and configuration of the Live Recovery Appliance at each site
- Design and implementation of an Isolated Recovery Environment (IRE) for cyber recovery
- Network and storage mapping design and configuration
- Complete documentation, validation, and knowledge transfer

Benefits

Unified Disaster & Cyber Recovery Strategy: A single, integrated architecture protects against outages, ransomware, and data corruption.

Accelerated Recovery with Predictable Outcomes: Clearly defined RPO/RTO objectives and automated orchestration ensure fast, reliable recovery.

Stronger Cyber Resilience: The Isolated Recovery Environment (IRE) provides a secure, controlled space for malware-free restoration.

Operational Consistency Across Sites: Standardized replication policies, mappings, and recovery plans reduce complexity and risk.

Future-Ready Recovery Platform: Designed to scale with workload growth and evolving business continuity requirements.

Confidence Through Validation: Verification workbooks and knowledge transfer ensure teams can operate and maintain the solution effectively



Service Scope Overview

The following service scope defines the parameters under which this service will be delivered. They establish the scope, supported components, and design boundaries to ensure clarity, consistency, and alignment with agreed objectives. Each parameter represents a specific aspect of the service design or implementation. By outlining these parameters, the documentation provides a transparent framework for delivery, enabling predictable outcomes and minimizing risk. This structured approach ensures that all stakeholders share a common understanding of what is included, how it will be executed, and the boundaries within which the service operates.

VMware Cloud Foundation 9 Live Recovery Design

The Design Service for VMware Live Recovery provides planning and design for implementing unified disaster recovery and cyber recovery within a VCF 9 environment. This service creates a robust recovery solution that integrates VMware Live Site Recovery, vSphere Replication, and vSAN Data Protection with VCF Operations for unified management, ensuring business continuity, ransomware protection, and minimized recovery objectives aligned with VCF 9 architecture and operational practices. The design service covers Production and Disaster Recovery Sites.

Specification	Parameter
Design workshops	Up to two (2)
Design VMware Live Recovery Appliance deployment	Up to one (1) appliance per site
Design protected VMs (vSphere Replication)	Up to twenty-five (25) VMs
Design vSAN Data Protection groups	Up to two (2) protection groups
Design replication policies	Up to three (3) policies
Design recovery point objectives (RPO)	Per policy
Design recovery time objectives (RTO)	Per policy
Design recovery plans	Up to three (3) plans
Design an isolated recovery environment (IRE) for cyber recovery	Up to one (1) environment
Design network mappings (source to target)	Up to two (2) mappings
Design storage mappings	Up to two (2) mappings
Design array-based replication (if applicable)	Up to one (1) array replication

VMware Cloud Foundation 9 Live Recovery Implementation

The Implementation Service for VMware Live Recovery provides hands-on deployment and configuration of unified disaster recovery and cyber recovery within a VCF 9 environment. This service deploys the VMware Live Recovery Appliance, configures replication policies, establishes recovery plans, and integrates with VCF Operations for automated orchestration, delivering operational business continuity and ransomware protection capabilities. The implementation service covers the Primary and Disaster Recovery Sites.



Specification	Parameter
Deploy VMware Live Recovery Appliance	Up to one (1) appliance per site
Configure protected VMs (vSphere Replication)	Up to twenty-five (25)
Configure vSAN Data Protection groups	Up to two (2) protection groups
Configure replication policies	Up to three (3) policies
Configure recovery point objectives (RPO)	Per Policy
Configure recovery plans	Up to three (3) plans
Configure an isolated recovery environment (IRE) for cyber recovery	Up to one (1) environment
Configure network mappings (source to target)	Up to two (2) mappings
Configure storage mappings	Up to two (2) mappings
Configure array-based replication (if applicable)	Up to one (1) array replication
Configure storage replication adapters SRA (if applicable)	Up to two (2) SRAs (if applicable)

Milestones, deliverables, and Payment Schedule

Milestones #	Deliverables	Total Credits
Milestone #1	<ul style="list-style-type: none"> Kick-Off Meeting 	30
Milestone #2	<ul style="list-style-type: none"> Design Workshop(s) Design Document Design review with the customer 	47
Milestone #3	<ul style="list-style-type: none"> Planning and Preparation Workbook 	25
Milestone #4	<ul style="list-style-type: none"> Configuration and Verification Workbook Project closure meeting 	22
Total		123

- MBCOM PSO estimates that the project will take 1 week to complete.
- Any requirement for hybrid or on-site delivery shall be subject to prior agreement and coordination with the Account Manager and may result in adjustments to scope, timeline, and commercial terms

[Commercial & Contractual Terms](#)