

Plan and Design for VMware vCenter Site Recovery Manager

Overview

VMware vCenter™ Site Recovery Manager (SRM) automates the execution of disaster recovery plans for the virtual environment, reducing your time to recover and minimizing the possibility of human errors during the recovery process. SRM is also an effective solution for data center migrations if you are migrating to VMware vSphere™.

The Plan and Design for VMware vCenter Site Recovery Manager service provides a comprehensive architectural design for SRM that addresses your requirements, accommodates VMware vSphere dependencies and leverages VMware best practices.

Note: References to VMware vSphere apply for both VMware Infrastructure 3 and VMware vSphere 4. Verify software compatibility for VMware vSphere 4 by checking the [Software Compatibility Matrix](#).

Benefits

- Accelerate your disaster recovery and business continuity planning
- Mitigate risk by leveraging experienced consultants and proven best practices
- Provides a pilot implementation to facilitate knowledge transfer and serve as a reference architecture
- SRM architecture design accommodates your disaster recovery plan

Target Audience

Customers who want to implement VMware vCenter Site Recovery Manager for disaster recovery.

Roles and Responsibilities

- VMware Engagement Manager:
- Plans and coordinates all plan and design activities
- VMware Certified Professional (VCP) Consultant:
- Conducts workshop, gathers requirements, conducts design sessions and develops architectural design
- Customer Project Manager:
- Plans and coordinates customer staff
- Customer Subject Matter Experts:
- Provide information about business and technical requirements, and participate in workshop and design sessions

Key Activities

Action	Responsibility
Project Preparation	All
Project Kickoff	All
Design Enablement Knowledge Transfer Session(s)	Consultant
Requirements Gathering Sessions	All
Detailed Design Sessions and Deliverables Creation	All
Presentation of Deliverables	Consultant
Wrap-up session	All

Plan and Design Service Offerings

The Plan and Design for VMware vCenter Site Recovery Manager service is offered at Basic, Standard and Premium levels. Choose the level of Plan and Design service best suited for your needs.

Basic Plan and Design

The basic service is an introductory offering geared toward customers seeking a simple design or wanting to provide disaster recovery for a small number of simple, single-tiered applications running on virtual machines.

Standard Plan and Design

The Standard service begins with discovery and exploration into your use cases, and provides implementation guidance and more in-depth information regarding, installation and configuration tasks, day-to-day operations, and design verification tasks. The Standard service also allows for some customization for your specific environment.

Premium Plan and Design

The Premium service is ideal if you need highly complex technical designs or highly customized, in-depth engagement deliverables. The Premium service takes a solution-oriented approach, and the design and deliverables are tailored to your specific use case requirements.

Recommendations

- For customers new to VMware vSphere this service is most effective when delivered after or in conjunction with a Plan and Design for VMware vSphere service
- If VMware vSphere is in place, a VMware vSphere Health Check is recommended to establish a baseline and identify any issues that might impact the SRM architectural design

Deliverables

Deliverables vary depending upon the level of service: Basic (B), Standard (S) or Premium (P).

Deliverable	B	S	P
Workshop			
Site Recovery Manager Jumpstart	✓	✓	✓
Project Management Documents			
Project Kick-off	✓	✓	✓
Project Wrap-up	✓	✓	✓
Requirements Documents			
Requirements	✓	✓	✓
Design Documents			
Architecture Design	✓	✓	✓
Design Implementation Guidelines	✓		
Design Implementation Roadmap		✓	✓
Installation Documents			
Installation and Configuration Guidelines		✓	
Installation and Configuration Procedures			✓
Operation Documents			
Operations Guidelines		✓	
Operations Procedures			✓
Operational Verification	✓	✓	✓
Design Verification			✓

Scope and Pricing

- The scope of the Plan and Design engagement is defined by the level of service you choose: Basic, Standard, or Premium.
- The engagement can be delivered in conjunction with a Plan and Design for VMware Infrastructure service or a VMware vSphere Health Check
- Implementation of the architecture design is out of scope for the Plan and Design service, but is available and offered as a follow-on service
- Delivered by a VMware Certified Professional (VCP) consultant from VMware or from a VMware Solution Provider
- Contact your local VMware representative for pricing information

Requirements

- Existing VMware vSphere
- Licenses for VMware vCenter Site Recovery Manager
- Satisfy requirements on the pre-engagement checklist and complete SRM Readiness Assessment Questionnaire (both supplied by VMware)
- Two ESX™ hosts (Ver. 3.0.2 or higher) representing primary and recovery sites, with sample virtual machines on ESX host at primary site
- Two VMware vCenter Servers (Ver. 2.5 or higher) representing primary and recovery site, each managing an ESX host
- Two SRM Servers (can be same as VMware vCenter Server) representing primary and recovery sites
- Separate Site Recovery Manager database and VMware vCenter database for primary and recovery sites
- Site Recovery Manager-compatible shared Fibre Channel or iSCSI storage area network configured with replication between the primary and recovery sites.
- Conference room with projector and networked desktops/laptops running MS Windows® 2000 or higher

For More Information

More information about VMware software and services is available from www.vmware.com and from your local VMware representative.

About VMware Professional Services

VMware Professional Services helps IT departments in companies of all sizes accelerate time to market, reduce deployment risk and maximize ROI as they adopt virtualization. VMware Professional Services and its extensive partner ecosystem comprises experienced IT professionals who provide consulting, technical account management, integration and deployment services, and education services for VMware products and solutions. As the largest services organization focused solely on virtualization, our consultants have in-depth expertise and use proven, repeatable delivery methodologies that have helped thousands of customers energize IT while saving energy—financial, human and the earth's—through virtualization.

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