



Enterprise Computing Solutions - Education Services

## TRAINING OFFERING

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# VMware Site Recovery Manager: Install, Configure, Manage [V8.2]

CODE:	LENGTH:	PRICE:
VMW_SRMICM82	16 Hours (2 days)	€1,380.00

## Description

This two-day, hands-on training course gives experienced VMware vSphere® administrators the knowledge to install, configure, and manage VMware Site Recovery Manager™ 8.2. This course also shows you how to write and test disaster recovery plans that use Site Recovery Manager.

## Objectives

By the end of the course, you should be able to meet the following objectives:

- Summarize the components of Site Recovery Manager architecture
- Deploy and configure the Site Recovery Manager appliance
- Describe the principal disaster recovery topologies that are used with Site Recovery Manager
- Configure inventory and resource mappings
- Describe the storage replication options that are used with Site Recovery Manager
- Configure Site Recovery Manager to leverage array-based replication
- Describe VMware vSphere® Replication™ functionality
- Describe the vSphere Replication architecture
- Deploy and configure vSphere Replication for use with Site Recovery Manager
- Build Site Recovery Manager protection groups based on vSphere Replication
- Build, edit, execute, test, and remove a recovery plan
- Perform a planned migration
- Perform reprotect and failback using Site Recovery Manager and vSphere Replication

## Audience

vSphere administrators, architects, system engineers, and systems integrators who are responsible for the deployment or management of Site Recovery Manager

## Prerequisites

This class requires completion of one of the following courses:

- VMware vSphere: Install, Configure, Manage [V6.x]
- VMware vSphere: Fast Track [V6.x]
- VMware vSphere: What's New [V5.5 to V6.x]
- VMware vSphere: Troubleshooting Workshop [V6.x]

Or equivalent knowledge and administration experience with VMware ESXi™ and VMware vCenter Server™.

## Programme

- 1 Course Introduction • Outline the necessary information to effectively undertake this course
  - Identify resources for additional information
- 2 Overview and Architecture • Discuss Site Recovery Manager architecture
  - Examine disaster recovery options with Site Recovery Manager
  - Describe Site Recovery Manager integration with VMware vSphere® Client™
  - Discuss Site Recovery Manager features
  - Analyze Site Recovery Manager storage policies and integration options
  - Discuss how Site Recovery Manager supports several disaster recovery topologies
  - Identify use cases for Site Recovery Manager across various scenarios
  - Describe how VMware Site Recovery™ for VMware Cloud™ on AWS integrates with Site Recovery Manager.
- 3 Deploy & Configure Site Recovery Manager • Identify the requirements to deploy Site Recovery Manager
  - Discuss the benefits of the Site Recovery Manager appliance
  - Explore vSphere deployment models
  - Deploy the Site Recovery Manager appliance
  - Navigate the Site Recovery Manager configuration user interface
  - Describe the process to register Site Recovery Manager with VMware vCenter Server®
  - Configure site pairing
  - Identify how to perform updates to the Site Recovery Manager appliance
- 4 Configuring Inventory Mappings
  - Outline the importance of inventory mappings
  - Examine configuration options for inventory mappings
  - Outline the importance of placeholders
- 5 Using Array-based Replication • Describe array-based replication
  - Discuss the role of the Storage Replication Adapter (SRA)

- Explore the relationship between devices, consistency groups and datastore groups • Configure array pairs 6 vSphere Replication
- Explore vSphere Replication architecture • Examine vSphere Replication functionality
- Formulate use cases for vSphere Replication • Deploy a vSphere Replication appliance
- Configure vSphere Replication appliance settings • Configure a vSphere Replication appliance connection
- Deploy a vSphere Replication server • Register a vSphere Replication server
- 7 Replicating Virtual Machines with vSphere Replication • Configure vSphere Replication for virtual machines
- Explain the importance of datastore mappings • Describe vSphere Replication recovery point objective scheduling
- Describe the vSphere Replication disk transfer protocol 8 Building Protection Groups • Define protection group functionality
- Examine the differences between array-based protection groups, protection groups based on vSphere Replication, and storage profile protection groups
- Create a protection group • Discuss protection group settings • Remove protection from a virtual machine
- Create a storage profile protection group 9 Building Recovery Plans • Discuss recovery plan concepts • List recovery plan steps
- Discuss network planning • Discuss customization options in recovery planning • Outline how to implement a recovery plan
- Investigate recovery plan options 10 Testing and Running a Recovery Plan • Discuss use cases for Site Recovery Manager
- Describe planned migration • Identify Site Recovery Manager workflows
- Discuss the importance of VMware vSphere® VMFS resignaturing
- Examine Site Recovery Manager integration with various vSphere technologies • Outline how to conduct a recovery plan test
- Perform recovery plan test execution • Identify the effects on the storage layer during recovery steps
- Explain a recovery plan execution in planned migration or disaster recovery mode
- Understand storage layer changes for plan execution types • Identify the recovery steps for each execution type
- Describe how to reprotect a data center • Examine failback steps 11 Monitoring and Troubleshooting
- Discuss Site Recovery Manager alarms • Explore Site Recovery Manager history reports
- Configuring advanced Site Recovery Manager settings • Describe how to modify logging levels
- Explain how to collect log bundles • Identify key log locations

## Session Dates

On request. Please [Contact Us](#)

## Additional Information

[This training is also available as onsite training. Please contact us to find out more.](#)