

VMware vCenter Site Recovery Manager: Install, Configure, Manage

Delivery Methods

- Instructor-led training
- Live-online
- Onsite training

Course Duration

- Three days of instructor-led training
- 60% lecture, 40% hands-on lab

Target Audience

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

Prerequisites

- Completion of VMware vSphere: Install, Configure, Manage or equivalent experience
- Basic knowledge of disaster recovery concepts
- Basic knowledge of storage array technology

Pricing

Contact your VMware representative or a VMware Authorized Training Center for pricing information.

More Information

Courses are conveniently scheduled around the world. Go to <http://www.vmware.com/education> to find the class that is right for you.

Onsite training is also available for customers who prefer to bring a VMware Certified Instructor to their own facilities. For additional information about onsite classes, including facility requirements, go to <http://www.vmware.com/education>.

Course Overview

This three-day, hands-on training course equips experienced VMware vSphere® administrators with the knowledge to install, configure, and manage VMware vCenter Site Recovery Manager™ 5.0. This course also equips vSphere administrators with the knowledge to assist in disaster planning and to test disaster recovery plans with SRM.

This course is not required for VMware® certification, but the content of the course is a subset of the knowledge tested in the VMware Certified Design Expert examinations.

Course Objectives

At the end of the course, you should gain an understanding of the functionality in SRM 5.0 and be able to do the following:

- Install SRM 5.0
- Configure placeholder datastores
- Configure inventory mappings in SRM
- Configure datastore mappings
- Replicate virtual machines using physical couriering
- Configure vSphere replication-based protection groups in SRM
- Create, edit, execute, test, and remove a recovery plan in SRM
- Reprotect virtual machines
- Configure SRM alarms
- Troubleshoot SRM problems

Course Modules

1 Course Introduction <ul style="list-style-type: none"> • Introductions and course logistics • Course goals and objectives 	8 Protection Groups <ul style="list-style-type: none"> • Describe protection groups • Configure a protection group to protect virtual machines • Describe placeholder virtual machines • Create customizations to reconfigure virtual machine network connections after a failover
2 Introduction to Disaster Recovery <ul style="list-style-type: none"> • Introduce disaster recovery terminology and concepts • Describe disaster recovery and business continuity planning • Use a runbook to guide disaster recovery 	9 Recovery Plans <ul style="list-style-type: none"> • Discuss SRM recovery plans • List SRM recovery plan steps • Create an SRM recovery plan
3 Overview and Architecture <ul style="list-style-type: none"> • Describe the SRM architecture and components • Discuss the functional differences between SRM and VMware vSphere Distributed Resource Scheduler and VMware vSphere High Availability • List the new features of SRM 5.0 	10 Alarms and Site Status <ul style="list-style-type: none"> • Describe SRM alarms • Describe the available alarm actions • Configure an alarm
4 VMware vCenter Site Recovery Manager Planning <ul style="list-style-type: none"> • List the SRM prerequisites checklist • Identify and describe SRM site preparation activities, including DNS validation, SRM database requirements, datastore groups requirements, recovery site inventory preparation, and network communication planning 	11 Failover Testing and Failover <ul style="list-style-type: none"> • Describe failover testing, including its effect on storage and network configuration • Test a recovery plan • Execute a failover • Discuss storage resignaturing
5 VMware vSphere Replication <ul style="list-style-type: none"> • Describe storage replication using the vRMS appliance • List storage replication limitations when using the vRMS appliance 	12 Planned Migration, Reprotect, and Failback <ul style="list-style-type: none"> • Discuss planned migration and how it is different from a failover • Execute a planned migration • Discuss when and how to reprotect a virtual machine • Describe SRM failback
6 Installation <ul style="list-style-type: none"> • Identify and complete SRM installation tasks • Integration with storage arrays using storage replication adapters • Configure storage replication • List and describe SRM security roles 	13 VMware vCenter Site Recovery Manager Logs, Simple Scripts, and Troubleshooting <ul style="list-style-type: none"> • Describe SRM logs • Resolve problems with the SRM database • Resolve site connection problems • Resolve LUN, datastore, and protection group problems • Use scripts with SRM
7 Establishing the Replication Framework <ul style="list-style-type: none"> • Describe and configure SRM placeholder datastores • Configure datastore mappings for vRMS storage replication • Describe and configure SRM inventory, network, and datastore mappings 	



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