

VMware Site Recovery Manager

Delivery Methods

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

Course Duration

- Two days of instructor-led training
- 50% lecture, 50% hands-on lab
- Bundled with an additional two hours of self-paced eLearning

Target Audience

- VMware administrators and systems integrators that are responsible for their organization's deployment of SRM

Prerequisites

- Completion of VMware Infrastructure 3: Install and Configure or 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. Please go to 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, please go to www.vmware.com/education

Course Overview

This is a bundled course offering consisting of two days of hands-on training followed by two hours of self-paced eLearning. This course equips experienced VMware® administrators with the knowledge to install, configure, and operate VMware Site Recovery Manager (SRM), and test disaster recovery plans with SRM.

This course is not required for any VMware certification, but content of the course is a subset of the knowledge tested in the VCDX examinations.

Course Objectives

At the end of the course, you should be able to do the following:

- Create a disaster recovery workflow for your virtual machines using SRM
- Plan virtual infrastructure component configuration to support efficient SRM operation
- Install SRM components
- Configure SRM storage replication adapters
- Configure SRM protected and recovery sites
- Configure SRM array managers
- Define SRM inventory mappings
- Create SRM recovery plans
- Test SRM recovery plans
- Execute SRM recovery plans (failover)
- Plan fallback strategies

Course Modules

1	Introduction to Disaster Recovery <ul style="list-style-type: none"> Define what a disaster is Disaster recovery and disaster recovery planning Recovery sites and data duplication Disaster recovery runbooks and disaster recovery testing 	7	Protection Groups <ul style="list-style-type: none"> Protection group concepts Protection groups and datastore groups Placeholder virtual machines Customizing virtual machines Creating protection groups Editing protection groups
2	Overview and Architecture <ul style="list-style-type: none"> SRM components and architecture SRM operations overview SRM terminology SRM site-to-site communications 	8	Recovery Plans <ul style="list-style-type: none"> SRM recovery plan concepts SRM recovery plan features Configuring an SRM recovery plan at the recovery site Creating multiple recovery plans Recovery plan options Editing recovery plans
3	Planning <ul style="list-style-type: none"> Protected site preparation Recovery site inventory preparation Network planning for disaster recovery 	9	Alarms and Site Status <ul style="list-style-type: none"> Site status reporting capabilities SRM default alarms Editing SRM alarms VirtualCenter/vCenter Server events generated by SRM
4	Installation <ul style="list-style-type: none"> Installing an SRM server at the protected and recovery sites Installing Storage Replication Adapters Installing the SRM Plugin Connecting the protected and recovery sites SRM security roles 	10	SRM Logs and Troubleshooting <ul style="list-style-type: none"> Log files location Modifying the log file verbosity level Troubleshooting common installation and configuration errors Troubleshooting runtime errors
5	Array Managers <ul style="list-style-type: none"> Replication management through SRM array managers SRM array manager configuration issues Configuring SRM array managers 	11	Failover Testing and Failover <ul style="list-style-type: none"> Testing failover in an isolated environment at the protection site Network and storage behavior during failover testing The testing process Performing an actual failover Network and storage changes after failover
6	Inventory Mappings <ul style="list-style-type: none"> Folder, resource pool, and network inventory mapping concepts Configuring inventory mappings between the protected and recovery sites 	12	Failback <ul style="list-style-type: none"> The failback process Problems related to failback Failback planning Failback with or without SRM assistance



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