



VMware vSphere -Site Recovery Manager

INTRODUCTION

V5

This exciting, hands-on, lab intensive course covers the newest version of VMware's Site Recovery Manager. Students will have full advantage of the time to cover the new features of Site Recovery Manager. This two day packed course has students build a fully redundant Recovery Site using replicated storage supporting Site Recovery Manager, as well as learn more advanced features with Site Recovery Manager Plan creation and recovery, troubleshooting and backup options. Our Site Recovery Manager course is intended for students with significant production experience in the Infrastructure 3 / vSphere product suite. It is our intention to take your existing knowledge base and expand upon that.

CLASSROOM SETUP

Each student will have an ESXi Server and a Windows Server 2008 workstation. Our classroom lab will share a cluster of ESXi Servers, a variety of different Storage solutions (SAN, NAS, ISCSI, local, etc.) as needed, a vCenter Server, a variety of 3rd party tools and access to many pre-configured VM's (Microsoft, Novell, Red Hat, Ubuntu ...etc).

PRE-REQUISITES

- ESXi Server familiarity
- VirtualCenter/vCenter usage
- VirtualCenter/vCenter administration
- Excellent familiarity with Windows
- Some familiarity with Linux

MAJOR AREAS COVERED

- All of the exciting features of SRM
- Storage integration with many storage solution providers
- Site Recovery Manager installation
- Mapping Inventory Objects
- Configuring Protection Groups
- Recovery Plan setups
- Bi-Directional Configurations
- Multi-Site Configurations
- Failover testing
- Failback testing
- Troubleshooting



COURSE OUTLINE

This course covers items from the following VMware courses.

Site Recovery Manager

Module 1: SRM Overview

- SRM Architecture
- SRM components
- SRM terms and concepts

Module 2: Disaster Recovery

- DR planning
- Storage replication
- HP Lefthand
- NetApp
- FalconStore

Module 3: Storage Integration

- EMC Celerra
- EMC Clariion
- HP Lefthand
- NetApp
- FalconStore

Module 4: SRM Installation

- SRM requirements
- SAN requirements
- SRM installation
- SRA connector setup

Module 5: Mapping Inventory Objects

- Networking Mappings
- Compute Resource Mappings
- Virtual Machine Folders



Module 6: Configuring Protection Groups

- Protection Site
- Recovery Site

Module 7: Recovery Plan Setup

- Primary Site
- Recovery Site
- Storage Preparation
- Non-Disruptive Testing
- High Priority Virtual Machines
- Non-Critical Virtual Machines
- Low Priority Virtual Machines
- No Power on Virtual Machines

Module 8: Alarms and Access Control

- Alarm setup and configure
- Role-based access control

Module 9: Bi-Directional and Multi-Site Configuration

- Configure and setup bi-directional configuration
- Configure and setup Multi-Site configuration

Module 10: Failover and Failback

- Configure and test failover and failback

Module 11: Advanced Topics

- Troubleshooting
- Automation of SRM
- SRM Log files
- PowerCLI