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

Duration: 2 Days

Course Content:

The VMware site recovery v8.2 training course covers all the administration level management and recovery modules. A short, concise, to the point and expert teaching to the experts, course. All the enterprise level processing and all the essential management tasks are included in the course with detail. The modules of the course are designed to help the VMware administrators learn about the administration panel, in-depth. Detailed walkthrough, virtual assistance, and live performance are carried out to impart the needful lessons.

VMware vSphere® administrators will gain thorough knowledge to install, configure, and manage VMware Site Recovery Manager 8.2. The course also helps extend the knowledge regarding disaster recovery testing and writing plans through the Site Recovery Manager. Our Enterprise training program allows a team up-grading with a skill set that leads to the firm's overall development.

Who should attend?

The primary audience for this course is vSphere administrators and architects. However, the secondary audience for this training is System engineers & Systems integrators who hold the responsibility of managing as Site Recovery Manager.

Prerequisites for this training

This class requires completion of one of the following courses:

- VMware vSphere: Install, Configure, Manage
- VMware vSphere: Fast Track
- VMware vSphere: What's New
- VMware vSphere: Troubleshooting Workshop
- Or equivalent knowledge and administration experience with VMware ESXi™ and VMware vCenter Server™.

What you will learn

- Brief summarization of Site Recovery Manager Architecture components.
- Configuring and deploying the Site Recovery Manager appliance.
- Describing the fundamental principles for disaster recovery topologies which are being utilized with Site Recovery Manager.
- Resource mappings & Configure inventory.
- Elaborating about storage replication options which are being utilized with Site Recovery Manager.
- Configuring about Site Recovery Manager for influencing array-based replication.
- Describing functionalities of VMware vSphere® Replication.
- Describing about vSphere Replication architecture.
- Configuring and deploying vSphere protection groups relied on vSphere Replication.
- Exclude the recovery plans, build, execute, edit and testing.
- Performing the planned migration.

Curriculum

Module 1: Course Introduction

- Outline the necessary information to effectively undertake this course
- Identify resources for additional information

Module 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® ClientTM
- 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.

Module 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

Module 4: Configuring Inventory Mappings

- Outline the importance of inventory mappings
- Examine configuration options for inventory mappings
- Outline the importance of placeholders

Module 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

Module 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

Module 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

Module 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

Module 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

Module 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

Module 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

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