VMware vCenter Site Recovery Manager: Install, Configure, Manage

Duración: 2 Días   Código del Curso: VMSRM   Version: 8.6   Método de Impartición: Curso Cerrado (In-Company)

Temario:

This two-day, hands-on training course gives experienced VMware vSphere® administrators the knowledge to install, configure, and manage VMware Site Recovery Manager™ 8.6. This course also shows you how to write and test disaster recovery plans that use Site Recovery Manager.
Product Alignment
- VMware Site Recovery Manager [V8.6]

Curso Cerrado (In-Company)

Debido a que nuestra formación es modular, nuestros responsables de formación e instructores pueden trabajar con usted y su equipo para detectar las necesidades formativas y adaptar un temario de forma rápida y rentable. Durante una formación cerrada, usted recibirá una formación de expertos en un curriculum adaptado a sus necesidades.

Dirigido a:

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

Objetivos:

- 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 array-based protection groups, protection groups based on vSphere Replication, and Virtual Volumes protection groups.

- Build, edit, execute, test, and remove a recovery plan

- Perform a planned migration

Prerequisitos:

Before taking this course, you should have completed one of the following course(s):

- VMware vSphere: Install, Configure, Manage

- VMware vSphere: Fast Track

- VMware vSphere: What's New

- VMware vSphere: Troubleshooting

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

- VMWN - VMware vSphere: What's New
- VSFT - VMware vSphere: Fast Track
- VSICM - VMware vSphere: Install, Configure, Manage
- VST - VMware vSphere: Troubleshooting

Contenido:

1 Course Introduction

- Introductions and course logistics
- Course objectives

2 Site Recovery Manager Architecture

- Describe Site Recovery Manager architecture
- Identify disaster recovery options with Site Recovery Manager
- Evaluate how Site Recovery Manager integrates with VMware products
- Describe Site Recovery Manager licensing options
- List the disaster recovery topologies supported by Site Recovery Manager
- Describe how VMware Site Recovery for VMware Cloud on AWS integrates with Site Recovery Manager

3 Deploying and Configuring Site Recovery Manager

- Identify the vSphere and vCenter Server requirements for deploying Site Recovery Manager
- Define Site Recovery Manager virtual appliance system requirements
- Deploy the Site Recovery Manager appliance
- Navigate the Site Recovery Manager configuration UI
- Describe the process for registering Site Recovery Manager with vCenter Server
- Describe how to start and stop services in Site Recovery Manager
- Identify ways to perform updates to the Site Recovery Manager appliance
- Describe the options for accessing the Site Recovery Manager
- Describe the process for configuring site pairing
- Describe how to import and export Site Recovery Manager configuration
- Navigate the Site Recovery Manager configuration UI
- Describe the process for registering Site Recovery Manager with vCenter Server
- Describe how to start and stop services in Site Recovery Manager
- Identify ways to perform updates to the Site Recovery Manager appliance
- Describe the options for accessing the Site Recovery Manager
- Describe the process for configuring site pairing
- Describe how to import and export Site Recovery Manager configuration

4 Configuring Inventory Mappings

- Explain the importance of inventory mappings
- Identify configuration options for inventory mappings
- Describe the importance of placeholder virtual machines and datastores
- Describe the importance of the vSphere inventory changes for Site Recovery Manager operation

5 Using Array-Based Replication

- Describe array-based replication
- Describe Storage Replication Adapters and explain their role for the array-based replication
- Describe the concept and configuration of array pairs
- Describe datastore groups and the relationship between devices and datastore groups
- Describe the role of consistency groups
- Identify the advantages of array-based replication

6 vSphere Replication

- Describe Site Recovery Manager with vSphere Replication Architecture
- Discuss the role of vSphere Replication components
- Discuss use cases for vSphere Replication
- Discuss system requirements and operational limits of vSphere Replication
- Determine how to calculate bandwidth requirements for vSphere Replication
- Identify the advantages of vSphere Replication
- Deploy a vSphere Replication appliance
- Configure a vSphere Replication appliance and register it with vCenter Server
- Pair vSphere Replication appliances
- Deploy an additional vSphere Replication server
- Register a vSphere Replication server with a vSphere Replication management server

7 Replicating VMs Using vSphere Replication

- Describe the replication process used by vSphere Replication
- List vSphere Replication replica states
- Describe vSphere Replication of encrypted virtual machines
- Describe vSphere native key provider
- Describe how to configure vSphere Replication
- Discuss vSphere Replication RPO

8 Protection Groups

- Define protection group functionality
- Examine the differences between array-based protection groups, protection groups based on vSphere Replication, and Virtual Volumes protection groups
- Create a protection group
- View a placeholder virtual machine in the inventory
- Configure protection for virtual machines and edit protection groups

9 Recovery Plans

- Discuss recovery plan concepts
- Discuss network planning
- Discuss the organization of storage for recovery plans
- Describe customization options in recovery planning
- Describe priority groups and VM dependencies
- Describe how to implement a recovery plan
- Configure VM recovery plan properties
- Describe the customization of recovery plans
- Configure additional steps in the recovery plan
- Delete a recovery plan

10 Executing Recovery Plans

- Discuss use cases for Site Recovery Manager
- Describe planned migration
- Identify Site Recovery Manager workflows
- Examine Site Recovery Manager integration with various vSphere technologies
- Describe how to conduct a recovery plan test
- Perform a recovery plan test
- Identify the effect on the storage layer during the test recovery steps
- Review the recovery plan test steps
- Describe how to cancel a recovery plan test and clean up after recovery plan test cancelation
- Explain a recovery plan execution in planned migration or disaster recovery mode
- Identify the recovery steps for each execution type
- Describe a forced recovery
- Explain the importance of reprotection processes and states
- Examine failback steps
- Describe how to reprotect a data center

11 Monitoring and Troubleshooting

- settings
- Describe MPIT instances
- Describe additional vSphere Replication settings
- Describe how to disable vSphere Replication

- Identify Site Recovery Manager alarm options
- Generate Site Recovery Manager recovery plan history reports
- Configure Site Recovery Manager advanced settings
- Identify Site Recovery Manager logs
- Describe the vRealize Operations management pack for Site Recovery Manager

Más información:

Para más información o para reservar tu plaza llámanos al (34) 91 425 06 60

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