

Veritas Resiliency Platform: Administration

Course Summary

Description

The Veritas Resiliency Platform 3.1: Administration course is intended for the IT professional tasked with designing, installing, configuring, and maintaining Veritas Resiliency Platform (VRP) in multiple Enterprise Data Centers and multi-cloud environments.

This course covers deployment and implementation of Veritas Resiliency Platform. You learn about creating and deploying all Veritas Resiliency Platform components. You also learn how to integrate Veritas Resiliency Platform with NetBackup as well as how to use AWS, vCloud, and Azure as Veritas Resiliency Platform disaster recovery targets.

Objectives

After taking this course, students will be able to:

- Deploy Veritas Resiliency Platform.
- Create and configure Infrastructure Management Servers (IMS), Resiliency Managers (RM), Resiliency Domains, and Resiliency Groups (RG).
- Use a YUM repository to perform updates.
- Configure authentication domains, users, and groups.
- Activate, manage, and apply service objectives.
- Deploy Data Mover gateways.
- Integrate NetBackup in Veritas Resiliency Platform.
- Configure and restore virtual machines (VM)s from NetBackup generated backup images.
- Configure replication of Hyper-V and VMware VMs.
- Perform disaster recovery of VMs and applications.
- Perform rehearsals to test disaster recovery.
- Configure and manage Virtual Business Services (VBS).
- Configure and manage a resiliency plan.
- Use AWS, vCloud, and Azure as disaster recovery targets.
- Perform troubleshooting tasks using logs and tools.

Topics

- Overview
- Architecture
- Virtual Appliance Deployment
- Veritas Resiliency Platform Basic Configuration
- Veritas Resiliency Platform YUM Server
- Licensing & Identity Management
- Veritas Resiliency Platform Concepts
- InfoScale – VCS Support
- Veritas Resiliency Platform Data Mover
- NetBackup Integration
- Network and DNS Customization
- Replication Support
- Recovery Automation
- Application SDK
- Rehearsal Support
- Virtual Business Services
- Resiliency Plans
- Replication Support
- Recovery Automation
- Application SDK
- Rehearsal Support
- Virtual Business Services
- Resiliency Plans

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Course Summary (Cont.)

Audience

This course is for UNIX/Linux system architects, system administrators, system engineers, technical support personnel, network/SAN administrators, and systems integration/development staff who will be designing, installing, operating, and/or integrating Veritas Resiliency Platform.

Prerequisites

You must have working knowledge of data center operations, storage replication technologies, disaster recovery operations, virtualization technologies, and Linux and Windows operating systems.

Duration

Five Days

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Course Outline

- I. Overview**
 - A. Overview of Veritas Resiliency Platform
- II. Architecture**
 - A. Terminology and architecture overview
 - B. Veritas Resiliency Platform components
- III. Virtual Appliance Deployment**
 - A. Deploying virtual appliances
 - B. Bootstrapping virtual appliances
 - C. KLISH menu
- IV. Veritas Resiliency Platform Basic Configuration**
 - A. Getting Started Wizard
 - B. Adding IMS
 - C. Veritas Resiliency Platform console
- V. Veritas Resiliency Platform YUM Server**
 - A. Updating Veritas Resiliency Platform
 - B. Veritas Resiliency Platform YUM Appliance
- VI. Licensing & Identity Management**
 - A. Licensing
 - B. Identity management
- VII. Veritas Resiliency Platform Concepts**
 - A. Host assets
 - B. Service objectives
- VIII. InfoScale – VCS Support**
 - A. InfoScale support
 - B. Managing InfoScale
- IX. Veritas Resiliency Platform Data Mover**
 - A. Introducing the Veritas Resiliency Platform Data Mover
 - B. Deploying the Veritas Resiliency Platform Data Mover
- X. NetBackup Integration**
 - A. NetBackup Support
 - B. Configuring RG with NBU VMs
 - C. Restoring NBU VMs
- XI. Network and DNS Customization**
 - A. Network objects
 - B. Network customization
 - C. DNS customization
- XII. Replication Support**
 - A. Supported replication technology
 - B. Configuring replication for Hyper-V and VMware
- XIII. Recovery Automation**
 - A. Managing virtual machines
 - B. Managing applications
- XIV. Application SDK**
 - A. Application bundles
- XV. Rehearsal Support**
 - A. Virtual machine rehearsal
 - B. Application rehearsal
- XVI. Virtual Business Services**
 - A. VBS concepts
 - B. Managing VBS
- XVII. Resiliency Plans**
 - A. Resiliency plan concepts
 - B. Managing a resiliency plan

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Course Outline (cont.)

XVIII. Replication Support

- A. Supported replication technology
- B. Configuring replication for Hyper-V and VMware

XIX. Recovery Automation

- A. Managing virtual machines
- B. Managing applications

XX. Application SDK

- A. Application bundles

XXI. Rehearsal Support

- A. Virtual machine rehearsal
- B. Application rehearsal

XXII. Virtual Business Services

- A. VBS concepts
- B. Managing VBS

XXIII. Resiliency Plans

- A. Resiliency plan concepts
- B. Managing a resiliency plan