

# Veritas Resiliency Platform: Administration with Demonstration Lab

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<b>Code:</b>	RP-ADMIN-DL
<b>Length:</b>	5 days
<b>URL:</b>	<a href="#">View Online</a>

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The Veritas Resiliency Platform 2.2: Administration with Demonstration Lab course is designed for the IT professional tasked with installing, configuring, and maintaining Veritas Resiliency Platform in multiple Enterprise Data Centers. Veritas Resiliency Platform is built on four business pillars: Predictability, Automation, Compliance and Flexibility. VRP provides a web-based dashboard with visibility into the real-time health of your business applications no matter where they reside. Single click automation lets you migrate business services across sites, as well as test business-service recovery at an application, virtual machine, multitenant service or entire site level. This course is a 5-day instructor led, classroom training. The course covers all aspects of deployment and implementation including overview, architecture, installation, configuration, management, and usage. The structure of this course is approximately 60% lecture, 40% live demonstration by the Instructor

## Skills Gained

- Identify the need and list the benefits of Veritas Resiliency Platform
- Describe the high-level architecture, and deployment considerations of Veritas Resiliency Platform
- Deploy VRP Appliances and create a Resiliency Domain.
- Add users, personas and authentication domains
- Add clusters, virtual machines, applications and storage as managed assets to Veritas Resiliency Platform
- Create Resiliency Groups for migrations, takeovers, and rehearsals.
- Perform asset migration, takeover and rehearsal operations.
- Create and execute Virtual Business Services and Resiliency Plans
- Perform monitoring, reporting and auditing of VRP services and events
- Implement Update/upgrade Services when applicable

## Who Can Benefit

This course is for UNIX/Linux system administrators, system engineers, technical support personnel, network/SAN administrators, and systems integration/development staff, who will be installing, operating, 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.

## Course Details

### Overview – Veritas Resiliency Platform

- Complexity in the Data Center

- Automated Service recovery
- Just-in-Time Recovery

## **VRP Architecture**

- Overview of Veritas Resiliency Platform architecture
- Resiliency Domain
- Resiliency Manager
- Infrastructure Management Server
- Data Centers
- Assets

## **VRP Appliance Deployment**

- Deployment Requirements
- Appliance Bootstrapping
- Command Line Interface Shell

## **VRP Repository Server**

- Integrating VRPYUM in the Resiliency Domain
- Upgrade Process for VRP
- Applying patches/Updates

## **VRP Console**

- Accessing the VRP UI
- Creating the Resiliency Domain
- UI Navigation
- Creating Resiliency Groups

## **VRP Licensing**

- Introduction to the Licensing Service
- Licensing Architecture
- Permanent License
- Demo License
- Metering
- License Lifecycle

## **User and Identity Management**

- Authentication Service
- Authorization Service
- User Management
- Persona and Job Management

## **Host Assets**

- Use cases for adding host assets
- Prerequisites for adding managed Hosts
- Windows Install Host

## **Service Objectives**

- Concept of Service Objective
- Service Objective Templates
- Activating Service Objectives
- Deleting Service Objectives

## **Recovery Automation**

- Local Workload Management
- DR Operations
- Migration Workflow
- Takeover Workflow
- Rehearsal Workflow

## **InfoScale – VCS Support**

- Support for InfoScale Availability
- Prerequisites for Cluster integration
- Integrating VIOM into VRP
- Discovering InfoScale Applications
- Supported InfoScale configurations

## **VRP Data Mover**

- VRP Data Mover Introduction
- vSphere APIs for IO (VAIO)
- VRP Based IO Filter
- Replication Gateway Architecture
- Replication Gateway Components
- VRP Data Mover Prerequisites
- Replication Gateway Deployment
- Replication Gateway Configuration

## **NBU Integration**

- NBU Deployment Architecture
- NBU Prerequisites
- Integrating the NBU Master Server
- Copy Service Objective
- NBU Recovery Process
- Restore Operations

## **Replication Support**

- Application Replication Support
- VM Replication Support
- Replication Appliances
- Integrating Assets for replication discovery

## **Application DR**

- Supported Configurations
- Application Discovery Framework
- Application Discovery Workflow
- Application Reporting Workflow
- Application Operations Workflow

## **Application SDK**

- Support for AppSDK
- Adding custom applications to VRP
- Sample Application Bundle

## **Rehearsal Support**

- Application Rehearsal Workflow
- Application Rehearsal Prerequisites
- Virtual Machine Rehearsals
- VM Rehearsal Network Isolation
- Resync Operations

## **Virtual Business Services**

- VBS Support in VRP
- VBS User Management
- Symmetric VBS Configurations
- Asymmetric VBS Configurations

## **Resiliency Plans**

- Overview of VRP Resiliency Plans
- Resiliency Plan Use cases
- Resiliency Plan Templates/Saved Plans
- Resiliency Plan Custom Scripts
- Scheduling Resiliency Plans

## **Network and DNS Customization**

- Overview of Network Customization
- Network Customization Prerequisites
- Subnet Mapping

- DNS Customization

## **VRP Services**

- Inventory Reports
- Recovery Assessment Reports
- Risk reports
- Running, Scheduling and managing reports
- Reporting Architecture
- Notification Architecture
- Configuring Notification
- Auditing and logging services

## **Tools and Diagnostics**

- Collecting logs on appliances with loggather
- Collecting logs from assets
- Viewing logs
- VRP Integration Summary

## **AWS Integration**

- AWS Deployment Overview
- Data Mover for AWS
- Prerequisites for deployment in AWS
- Uploading Appliance to AWS
- Creating Amazon Machine Image
- Adding Cloud Data Center
- Configuring RG for AWS Recovery