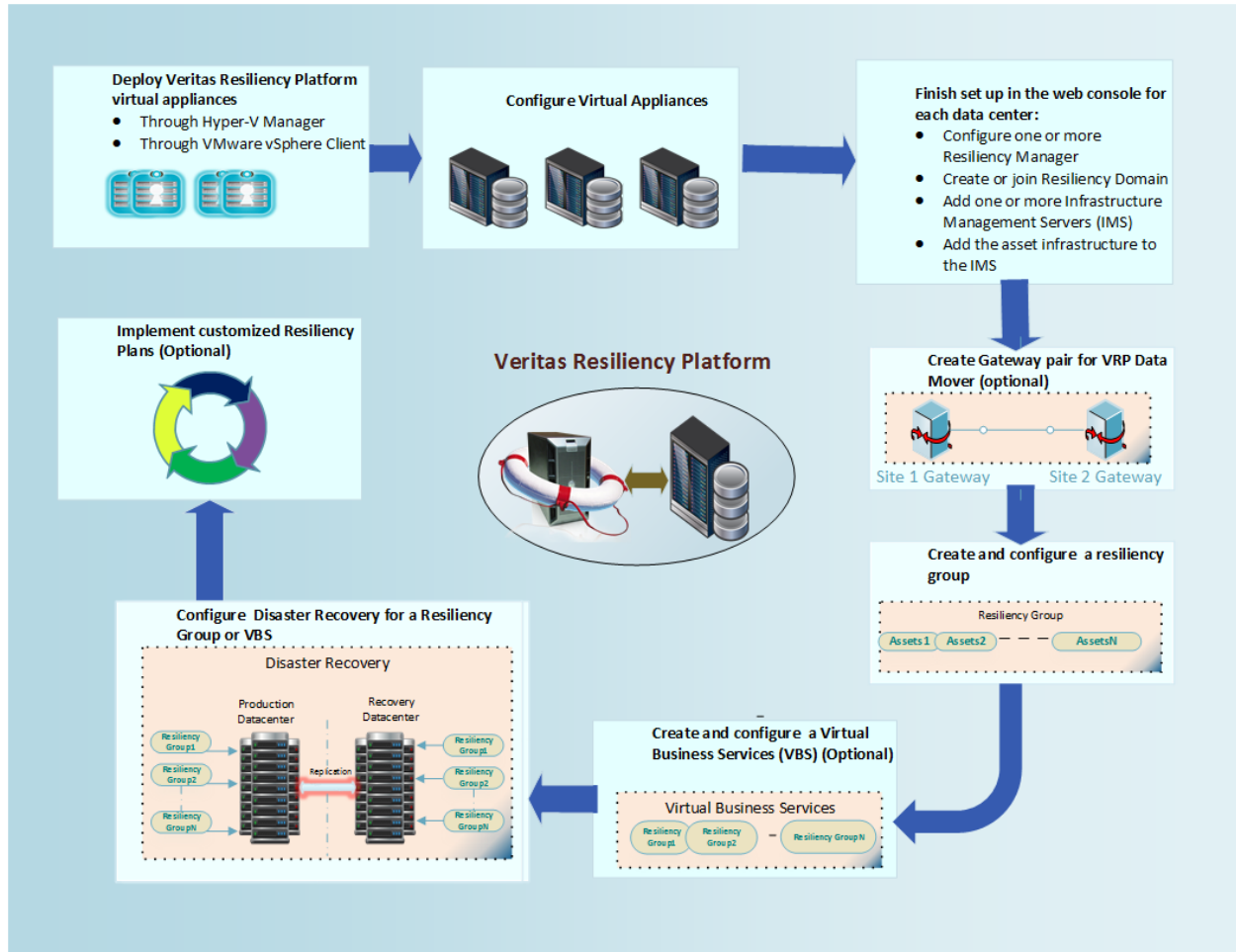


Veritas Resiliency Platform 2.0

Getting Started Guide

This guide provides a summary reference for installation and configuration of Veritas Resiliency Platform 2.0 and an overview of key operations that are performed using this product. For the detailed information, refer to the Veritas Resiliency Platform documentation on [SORT](#).



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Overview

What is Veritas Resiliency Platform?

Veritas Resiliency Platform offers a unified solution that helps you proactively maintain business uptime across private, public, and hybrid clouds. Resiliency Platform gives you complete automation for all resiliency operations involving the virtual machines, applications, and multi-tier business-services across your data center.

What are the key use cases that Veritas Resiliency Platform addresses?

- Recovery at granularity of choice—application, virtual machine, multitier business application, or entire site
- Single-click, site failover, and failback operations including customizable run book automation for recovery
- Cross-site resiliency risk monitoring and notifications including diagnostics
- Zero-downtime recovery rehearsals with automated clean up and audit reports

How do I protect my data center assets?

- A resiliency group is the unit of management in Veritas Resiliency Platform. Group your virtual machines or applications in a resiliency group, and then you can apply any one of the two service objectives to the resiliency group:
 - Monitor assets: provides only monitoring, start, and stop operations
 - Recover hosts: provides recovery operations as well as the start and stop operations
- You can use Resiliency Platform Data Mover to replicate the virtual machines across data centers.

Can I manage my multi-tier services using Veritas Resiliency Platform?

- Yes. You can further group your resiliency groups in a virtual business service (VBS). A VBS lets you group your business applications as a single unit and provides visualization, automation, and controlled start and stop of these applications in the desired order. You can configure one or more resiliency groups at each tier of your VBS, and then start, stop, or perform DR operations on the VBS.

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Installation/Deployment

- Download the Veritas Resiliency Platform virtual appliance from SORT
- Deploy Veritas Resiliency Platform using the virtual appliance
 - Through Hyper-V Manager
 - Through VMware vSphere Client
- Configure at least one Resiliency Manager and one Infrastructure Management Server (IMS) each at the production site and the recovery site. Provide details for security, date/time, and network settings.
- If you want to use Resiliency Platform Data Mover, you need to deploy and configure Replication Gateway at the production and the recovery site, and create gateway pairs.

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Configuration

- Connect to the Veritas Resiliency Platform web console
- Getting Started wizard:
 - Set up the Resiliency Manager
 - Create the resiliency domain
 - Enable solution license
 - (Optional) Set up authentication providers
 - (Optional) Set up users and personas
 - Add one or more Infrastructure Management Servers
- Add assets to the Infrastructure Management Server
- (Optional) Add Veritas InfoScale Operations Manager server
- Configure Veritas Resiliency Platform settings
 - Define the service objectives
 - Set up authentication providers
 - Set up users and personas
 - (Optional) Add email and SNMP settings for alerts and notifications

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Key Veritas Resiliency Platform operations

Veritas Resiliency Platform automation capabilities: Create resiliency groups (for managing virtual machines or applications) and VBSs (using resiliency groups).

Perform operations on the resiliency groups and VBSs. For example, start, stop, modify, and delete.

Veritas InfoScale support: Veritas Resiliency Platform lets you manage the InfoScale applications that are already configured in Veritas InfoScale Operations Management server. The InfoScale applications are automatically discovered in the Resiliency Platform when Veritas InfoScale Operations Management server is added to the Resiliency Domain.

Using Veritas Resiliency Platform: Configure DR for your resiliency groups and VBSs, and thereafter proceed with DR-specific operations that are listed below:

Migrate: A planned activity involving graceful shutdown of virtual machines and applications at the production data center and starting them at the disaster recovery data center.

Takeover: A user-initiated activity when the production data center is down due to any disaster or natural calamities, and the virtual machines or the applications need to be restored at the disaster recovery data center in order to provide business continuity.

Rehearse: A non-disruptive test that mimics the configuration, application data, storage, replication, and the fail over behavior of your resiliency groups.

Resiliency plans: Create customized resiliency plans and add assets to perform the start, stop, and other DR operations. You can create schedules for resiliency plans.

Activities: View the details of the currently running operations and abort an operation if required.

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Technology Support

For the list of supported platforms and technologies, see **Veritas Resiliency platform Hardware and Software Compatibility List**.

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Reporting in Veritas Resiliency Platform

- **Schedule template:** Create a schedule to generate and receive reports on a periodic basis. Preferences such as scope (global/data center), format (HTML, CSV and PDF), recipient email address, and frequency of report generation can be defined.
- **Inventory Reports:** Reports under this category are:
 - Resiliency Groups and VBS Summary: Provides details about the resiliency groups and VBSs in the data centers across all sites.
 - License Entitlement:
 - VM Inventory: Provides the platform distribution and OS distribution details of virtual machines across all sites.
 - Virtual Infrastructure Inventory: Provides the information about virtualization infrastructure inventory across all sites.
- **Recovery Assessment Reports:** Reports under this category are:
 - Activity Distribution History: Provides a summary report of the monitoring (start and stop) and recovery operations that were performed on the resiliency groups.
 - Recovery Activity History by RG: Provides historical information about the recovery tasks for each resiliency group.
 - Recovery Activity History by VBS: Provides historical information about the recovery tasks for each VBS.
- **Risk Reports:** Reports under this category are:
 - Current Risk: Provides detailed information about all the current risks across all sites.
 - Risk History: Provides detailed information of all the risks across all sites.