

VMware Site Recovery Manager 6

Disaster recovery for VMware environments.

Automated application availability and mobility across data center sites.



At A Glance

VMware Site Recovery Manager™ enables application availability and mobility across data center sites. Site Recovery Manager is an automation software that integrates with an underlying replication technology to provide policy-based management, non-disruptive testing, and automated orchestration of recovery plans. This provides simple and reliable recovery and mobility of virtual machines between sites with minimal or no downtime.

Key Benefits

- Use for multiple use cases, such as disaster recovery (DR), disaster avoidance, data center migration and other.
- Perform frequent non-disruptive testing to ensure predictable recovery objectives.
- Reduce recovery time to minutes with reliability using automated failover and failback workflows.
- Achieve zero-downtime application mobility by orchestrating live migration of virtual machines at scale across sites.
- Lower the total cost of ownership for DR by up to 50%.

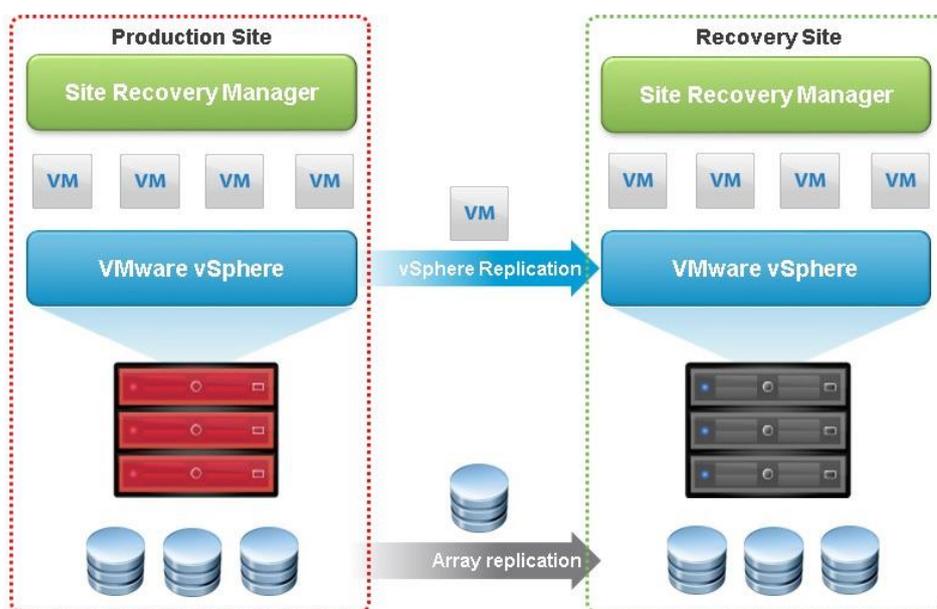
What Is Site Recovery Manager?

To deliver flexibility and choice, VMware Site Recovery Manager integrates natively with VMware vSphere® Replication™ and also supports a broad range of array-based replication solutions available from all major VMware storage partners.

Site Recovery Manager natively leverages the benefits of VMware vSphere and is also integrated with other VMware solutions, such as VMware NSX™ (network virtualization) and VMware Virtual SAN™ (hyper-converged software-defined storage).

By allowing users to test and automate the migration of applications between sites with minimal or no downtime, Site Recovery Manager fulfills the needs for a variety of use cases, such as disaster recovery, disaster avoidance, planned data center migrations, site-level load balancing, or even application maintenance testing.

Site Recovery Manager ensures fast and highly predictable recovery times, simplifies management through automation, and minimizes the total cost of ownership, making it the industry-leading solution to enable application availability and mobility across sites.



What Else Do You Need?

Site Recovery Manager requires an underlying replication technology to orchestrate recovery operations of protected virtual machines.

- vSphere Replication. Hypervisor-based replication with customizable recovery point objective and multiple point-in-time recovery. Natively integrated with Site Recovery Manager and included with most vSphere editions.
- Third-party solutions. Site Recovery Manager uses Storage Replication Adapters developed by storage partners to integrate with array-based replication solutions and stretched storage solutions.

Key Features and Capabilities

Traditional DR solutions that rely on manual processes often fail to meet business requirements because they are too expensive, complex and unreliable. Organizations using Site Recovery Manager obtain the following features and benefits.

Fast and Reliable recovery

Site Recovery Manager automates every aspect of executing arecovery plan in order to accelerate recovery and eliminate the risks involved with manual processes

Non-disruptive recovery testing – perform automated failover testing as frequently as needed in an isolated network to avoid impact to production applications and ensure regulatory compliance through detailed reports.

Automated orchestration workflows – perform a DR failover or a planned migration, and failback recovered virtual machines to the original site, all executing the same recovery plan with a single click.

Automated recovery of network and security settings – Site Recovery Manager integrates with VMware NSX, eliminating the need to re-configure IP addresses on recovered virtual machines. Security policies are also preserved, further reducing configurations post-recovery.

Extensibility for custom automation – use the VMware vRealize™ Orchestrator™ plug-in for Site Recovery Manager to build custom automation workflows. Pre-built workflows simplify the process to get you started with custom workflow creation.

Zero-Downtime Application Mobility Site Recovery Manager can enable live migration of applications between two sites when using a certified stretched solution.

Orchestrated cross-vCenter vMotion – use recovery plans to orchestrate cross-vCenter™ vMotion® operations at scale when using stretched storage. Perform zero-downtime disaster avoidance and data center migrations.

Stretched storage support – leverage these solutions that combine synchronous replication with array-based clustering in metropolitan distances Site Recovery Manager also integrates with a broad range of replication solutions, allowing organizations to flexibly tailor topologies and recovery point objectives (RPO)

vSphere Replication – virtual machine replication that enables heterogenous storage topologies, with flexible recovery point objective. Replication engine for Virtual SAN

Array-based replication support – allows customers to use current storage investments and offers options for zero data loss through synchronous replication.

Simple and policy-based management

From the initial setup to the on-going management, Site Recovery Manager delivers simple and policy-based operations thanks to automation and integration capabilities.

Centralized recovery plans – Create and manage recovery plans for thousands of virtual machines directly from the vSphere Web Client.

Policy-based management – “storage-profile” protection groups identify protected datastores and automate the process of protecting and unprotecting virtual machines and adding and removing datastores from protection groups.

Automated network mappings – use VMware NSX logical switches to automatically map network settings across the two sites when creating a recovery plan.

Self-service provisioning – allow application tenants to provision disaster recovery protection using blueprints in VMware vRealize Automation™.

Up to 50% lower TCO

Site Recovery Manager can dramatically lower the total cost of ownership (TCO) through management and testing automation that eliminates the complexity of manual processes, while enabling the use of technology that lower capital expense for recovery infrastructure. These calculations were validated by a third-party global research firm.

How It Is Licensed?

Site Recovery Manager is available in two editions to help you protect your environment according to business needs. Both editions of Site Recovery Manager are licensed “per protected virtual machine”. Site Recovery Manager Enterprise can also be licensed “per protected CPU” as part of the VMware vCloud Suite® Enterprise.

| SRM STANDARD | SRM ENTERPRISE |
|---------------------------------|---|
| Licensing | |
| Up to 75 protected VMs per site | No licensing limitation on the number of protected VMs |
| Features | |
| | Exclusive features: <ul style="list-style-type: none"> ■ VMware NSX integration ■ Orchestrated cross-vCenter vMotion ■ Stretched storage support ■ Storage policy-based management |

PRIMERGY

Following PRIMERGY Servers are released for VMware software:
VMware Systems Compatibility HCL: <http://vmware.com/go/hcl>

Fujitsu Manageability with ServerView Suite

ServerView is able to manage PRIMERGY servers by means of the CIM provider that Fujitsu has integrated for VMware vSphere

- Management of the physical machine under the host operating system ESXi
- ServerView RAID for configuration and management of the RAID controllers in the physical machine
- Management of the virtual machines under the guest operating systems Windows and Linux
- Remote access via onboard Integrated Remote Management Controller (IRMC), Remote Management Controller (RMC), Baseboard Management Controller (BMC), or Remote Service Board (RSB)
- Even enables access to the hardware for diagnostic purposes in the event of a failure.

Support

Mandatory Support and Subscription (SNS)

SNS (Support and Subscription) is mandatory for at least 1 year for all VMware software products. Fujitsu offers its own support for VMware OEM software products. This support is available for different retention periods and different support levels. The Fujitsu support levels are: Platinum Support (7x24h) or Gold Support (5x9h). Both service levels can be ordered either for 1, 3 or 5 year support terms. Please choose the appropriate Support for your project.

Your support agreement is with Fujitsu and VMware exclusively through Fujitsu (not with VMware directly). SNS is only for Fujitsu servers like PRIMERGY and PRIMEQUEST. Of course, SNS for VMware (OEM) software products can be renewed at Fujitsu prior to the end of the SNS term. SNS for VMware (OEM) software products cannot be renewed at VMware directly.

Support Terms and Conditions

Fujitsu Terms and Conditions can be found under:

[FUJITSU ServiceContract Software](#)
[FUJITSU Support Pack Software](#)
[Technical Appendix VMware Software](#)

Fujitsu Professional Service

Installation, configuration or optimization services for VMware software are optional service offerings. Additionally operations services from Fujitsu are available. Any additional and optional service can be requested from Fujitsu Professional Services.

Product Activation Code Registration

Please register your activation code at

<http://www.vmware.com/code/fsc>.

Registration will generate the license key. Help can be found at:

<http://www.vmware.com/support/licensing.html>.

If you have any problems, you can send an email to

vi-hotline@vmware.com.

Warranty

Class: C

Conditions

This software product is supplied to the customer under the VMware conditions as set forth in the EULA of the VMware software at <http://www.vmware.com/download/eula/>.

More information

Fujitsu offerings

In addition to VMware software, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Fujitsu Portfolio

Built on industry standards, Fujitsu offers a full portfolio of IT hardware and software products, services, solutions and cloud offering, ranging from clients to datacenter solutions and includes the broad stack of Business Solutions, as well as the full stack of Cloud offerings. This allows customers to select from alternative sourcing and delivery models to increase their business agility and to improve their IT operation's reliability.

Computing Products

www.fujitsu.com/global/products/computing/

Software

■ www.fujitsu.com/software/

More information

To learn more about VMware vSphere please contact your Fujitsu sales representative, Fujitsu business partner, or visit our website. www.fujitsu.com/fts

Fujitsu green policy innovation

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment.

Using our global know-how, we aim to contribute to the creation of a sustainable environment for future generations through IT.

Please find further information at <http://www.fujitsu.com/global/about/environment>



Copyright

All rights reserved, including intellectual property rights. Changes to technical data reserved. Delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded. Designations may be trademarks and/or copyrights of the respective manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner.

For further information see <http://www.fujitsu.com/fts/resources/navigation/terms-of-use.html>

©2015 Fujitsu Technology Solutions GmbH

Disclaimer

Technical data is subject to modification and delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded. Designations may be trademarks and/or copyrights of the respective manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner.

Contact

FUJITSU Technology Solutions GmbH
Address: Heinz-Nixdorf-Ring 1, 33106 Paderborn, Germany
Phone: +49 5251/525-2182
Fax: +49 5251/525-322182
E-mail: alfons.michels@ts.fujitsu.com
Website: www.fujitsu.com/fts
2015-11-30 EN