

VMware Site Recovery Manager Pricing & Licensing FAQ

This document is intended to help VMware field and partners explain Site Recovery Manager pricing and licensing requirements to customers. The information in this FAQ may be shared with VMware customers.

Contents

| | |
|---|---|
| <i>Overview</i> | 1 |
| Pricing..... | 1 |
| Bundles..... | 1 |
| Licensing requirements & summary | 2 |
| <i>Frequently Asked Questions (FAQ)</i> | 3 |
| Q: Is Site Recovery Manager included with VMware vSphere? | 3 |
| Q: Will customers receive Site Recovery Manager as part of their Support & Subscription for VMware vSphere or VMware Infrastructure?..... | 4 |
| Q: What is the price of Site Recovery Manager? | 4 |
| Q: How is 'processor' defined and how are multi-core processors treated for licensing purposes? .. | 4 |
| Q: What editions and versions of VMware vSphere and/or VMware Infrastructure are compatible with Site Recovery Manager? | 4 |
| Q: Which editions of vCenter Server are compatible with Site Recovery Manager? | 4 |
| Q: Do I need to purchase Site Recovery Manager licenses for both the protected and recovery sites? | 4 |
| Q: Do I need to purchase VMware vSphere licenses for both the protected and recovery sites?.... | 4 |
| Q: Do I need to have the same number of processors licensed for VMware vSphere and/or VMware Infrastructure at the both sites? | 5 |
| Q: How are licensing requirements affected by features like VMotion, VMware High Availability (HA), and VMware Distributed Resource Scheduler (DRS)? | 5 |
| Q: After failover, what are the license requirements for the recovery site including for failback?..... | 5 |
| Q: What type of licenses are used by Site Recovery Manager?..... | 5 |
| Q: If I'm using the shared recovery sites feature, do I need extra licenses at the shared recovery site? | 5 |
| Q: What license file keys does Site Recovery Manager use? | 5 |
| Q: Will current Site Recovery Manager 1.x customers be entitled to Site Recovery Manager 4?..... | 5 |
| Q: How can a customer who purchased a Site Recovery Manager bundle that included VMware Infrastructure Enterprise upgrade to vSphere Enterprise Plus? | 6 |

Overview

Site Recovery Manager is VMware's product for disaster recovery management and automation. Site Recovery Manager builds on the capabilities of VMware vSphere and VMware Infrastructure to deliver rapid, reliable, and manageable disaster recovery for virtual environments.

Pricing

Site Recovery Manager is priced per-processor for servers that are running virtual machines that are protected by Site Recovery Manager. The standalone list price for Site Recovery Manager is US\$1750 / 1-processor (note that Site Recovery Manager is priced in 1-processor increments). Similar to the other vCenter management products and to vSphere Enterprise Plus, "processor" is defined to mean a socket containing up to 12 cores.

Bundles

Site Recovery Manager can also be purchased as part of the following bundles.

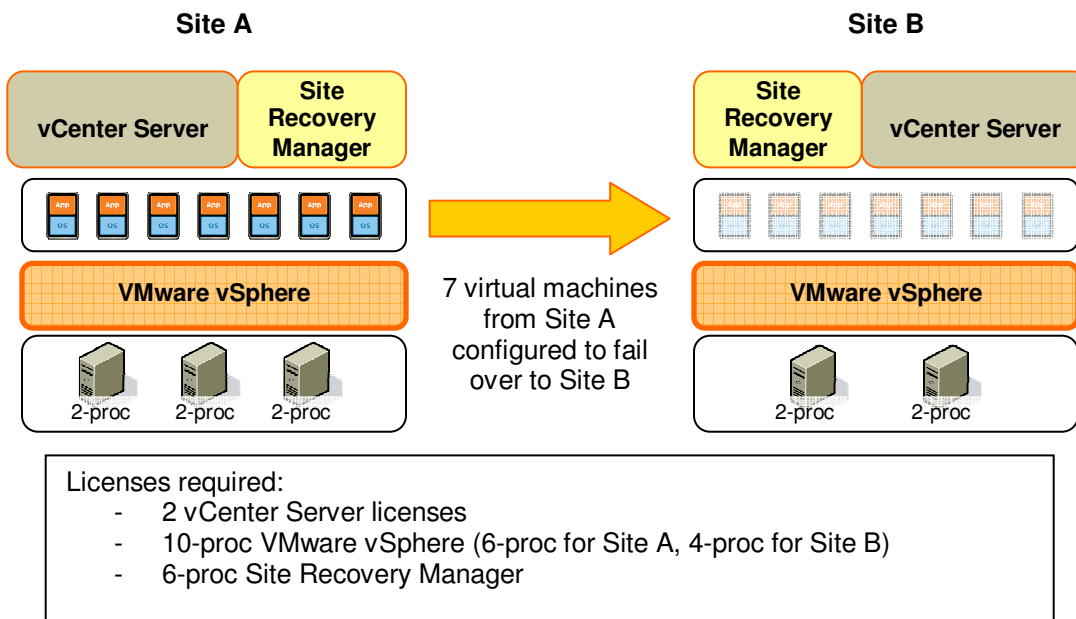
- **Site Recovery Manager 4 Acceleration Kit.** This kit has been updated for vSphere and now comes in two versions depending on whether a customer needs vSphere Advanced or vSphere Enterprise Plus.
 - Site Recovery Manager 4 Acceleration Kit for vSphere Advanced. Makes it easy to get started with automated disaster recovery for environments that need a strategic consolidation platform with superior application availability and data protection. This bundle provides the VMware software needed to get started with Site Recovery Manager at an attractive discount to help customers building a proof-of-concept, building out a virtualized recovery site, or expanding a production site. The bundle contains the following:
 - 1 vCenter Server Standard
 - 6 processors of VMware vSphere Advanced
 - 6 processors of Site Recovery Manager
 - Site Recovery Manager 4 Acceleration Kit for vSphere Enterprise Plus. Makes it easy to get started with automated disaster recovery for environments that need a strategic consolidation platform with superior application availability and data protection. This bundle provides the VMware software needed to get started with Site Recovery Manager at an attractive discount to help customers building a proof-of-concept, building out a virtualized recovery site, or expanding a production site. The bundle contains the following:
 - 1 vCenter Server Standard
 - 6 processors of VMware vSphere Enterprise Plus
 - 6 processors of Site Recovery Manager

Support and Subscription for these Acceleration Kits is also available on the price list as its own SKU. Note that it only makes sense for a customer to buy one Acceleration Kit per site because of the included vCenter Server license. Licenses contained in the bundle may be split among multiple hosts.

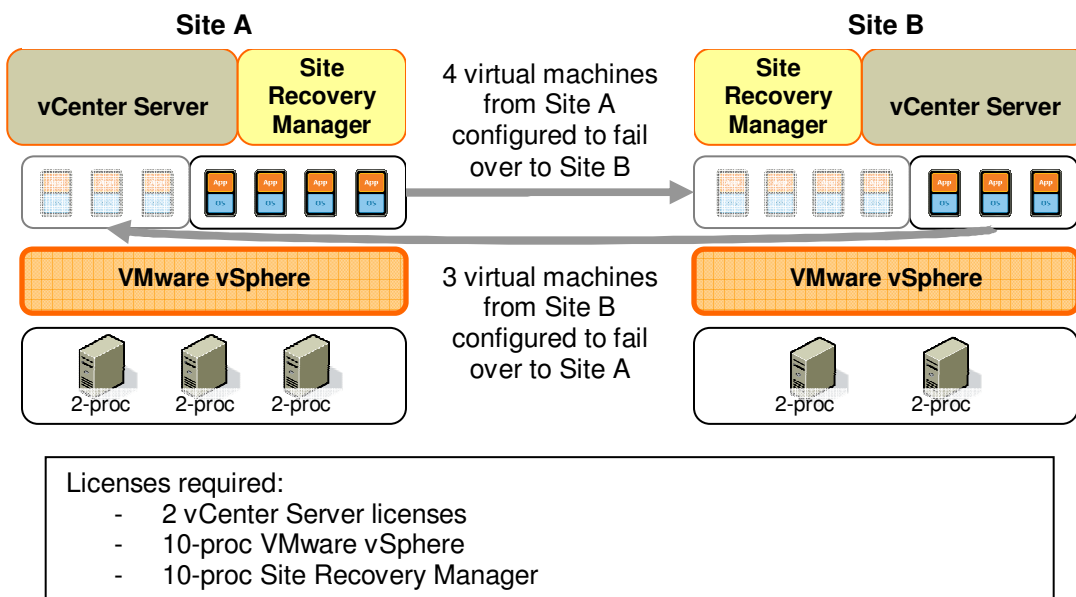
Licensing requirements & summary

- vCenter Server: Site Recovery Manager requires licenses for vCenter Server at both the protected and recovery sites. At least one instance of vCenter Server is required at each site.
- VMware vSphere or VMware Infrastructure: Site Recovery Manager also requires the purchase of sufficient VMware vSphere and/or VMware Infrastructure licenses for both the protected and recovery sites. Since SRM is a virtual-to-virtual recovery product, you need a compatible version of ESX (vSphere or VI) running on hosts at both sites. However, it does not require the same quantity of ESX licenses at both sites. You need sufficient ESX licenses at the recovery site in order to run all of the VMs that will be recovered there by SRM. Note that ESX licenses are required for any server on which VMware vSphere or VMware Infrastructure is installed and configured, whether running or powered down.
- Site Recovery Manager: Site Recovery Manager licenses are required for all processors in each server that runs virtual machines protected by Site Recovery Manager during normal operation. If Site Recovery Manager is configured to provide failover in a single direction only (i.e. only the production site is running protected VMs), then Site Recovery Manager licenses are required only for the protected servers at the primary site. If Site Recovery Manager is configured to provide bi-directional failover (i.e. protected VMs are running at the production site and also at the recovery site simultaneously; each site protects the other in case of a site failure), then Site Recovery Manager licenses are required for the hosts running protected virtual machines at both sites. Site Recovery Manager licenses are not required for hosts that are not running virtual machines protected by Site Recovery Manager.

Example 1: Single-direction protection



Example 2: Bi-directional protection



Frequently Asked Questions (FAQ)

Q: Is Site Recovery Manager included with VMware vSphere?

A: Site Recovery Manager is not included as part of any VMware vSphere editions. Note that Site Recovery Manager does require a supported version of VMware vSphere or VMware Infrastructure.

Q: Will customers receive Site Recovery Manager as part of their Support & Subscription for VMware vSphere or VMware Infrastructure?

A: No, Site Recovery Manager requires an additional purchase.

Q: What is the price of Site Recovery Manager?

A: Site Recovery Manager is priced per-processor for servers that are running virtual machines protected by Site Recovery Manager. Note that Site Recovery Manager is priced in 1-processor increments. Please contact VMware or a VMware reseller for what Site Recovery Manager will cost for your environment.

Q: How is 'processor' defined and how are multi-core processors treated for licensing purposes?

A: Site Recovery Manager uses the same definition of processor and has the same policies regarding multi-core processors as VMware vSphere Enterprise Plus and the other vCenter products. Please refer to the VMware licensing policy guides for more information.

Q: What editions and versions of VMware vSphere and/or VMware Infrastructure are compatible with Site Recovery Manager?

A: Site Recovery Manager can be used to protect hosts running either VMware vSphere or VMware Infrastructure. For the specific versions of ESX and ESXi which are supported by Site Recovery Manager, please refer to the Compatibility Matrix (link below). Site Recovery Manager does not require that all licenses of VMware vSphere and/or VMware Infrastructure associated with a Site Recovery Manager deployment be the same edition.

Site Recovery Manager is supported with VMware Infrastructure Foundation, Standard, and Enterprise only. It is supported with vSphere Standard, Advanced, Enterprise, and Enterprise Plus only—it is not supported with vSphere Essentials nor vSphere Essentials Plus. Please see the Compatibility Matrix at http://www.vmware.com/support/pubs/srm_pubs.html for specific versions that are supported.

Note that some of the functionality of Site Recovery Manager is impacted by which edition is being used. The most significant example is that without an edition that provides VMotion and Distributed Resource Scheduler, resource pools (which Site Recovery Manager uses to determine where virtual machines are started up during recovery) cannot include more than one ESX server. For the latest information, please see the Compatibility Matrix at http://www.vmware.com/support/pubs/srm_pubs.html.

Q: Which editions of vCenter Server are compatible with Site Recovery Manager?

A: Site Recovery Manager is supported with vCenter Server Standard and vCenter Server Foundation only. Please see the Compatibility Matrix at http://www.vmware.com/support/pubs/srm_pubs.html for specific versions that are supported. Note that each version of Site Recovery Manager requires a specific version of vCenter Server.

Q: Do I need to purchase Site Recovery Manager licenses for both the protected and recovery sites?

A: Site Recovery Manager licenses need to be purchased for all of the processors in each server that is running virtual machines protected by Site Recovery Manager. In the case where protection is in a single direction only, Site Recovery Manager licenses only need to be purchased for the servers at the protected site. In the case where protection is bidirectional, Site Recovery Manager licenses need to be purchased for the protected servers at both sites. See the examples above for more information.

Q: Do I need to purchase VMware vSphere licenses for both the protected and recovery sites?

A: VMware vSphere licenses are required for any server where VMware vSphere is installed, regardless of whether that host is at a protected site or a recovery site and regardless of whether a server is running or powered down at the recovery site. Site Recovery Manager requires having at least one licensed VMware vSphere (or compatible VMware Infrastructure) server at both the protected and recovery site.

Q: Do I need to have the same number of processors licensed for VMware vSphere and/or VMware Infrastructure at the both sites?

A: Site Recovery Manager does not require that the same number of hosts be licensed for VMware vSphere and/or VMware Infrastructure at protected and recovery sites.

Q: How are licensing requirements affected by features like VMotion, VMware High Availability (HA), and VMware Distributed Resource Scheduler (DRS)?

A: Site Recovery Manager is licensed per-processor, but features like VMotion, HA, and DRS can change the server on which protected virtual machines may be running at a given moment in time. To maintain license compliance, VMware recommends that users license Site Recovery Manager for all VMware ESX servers in a VMware cluster where HA or DRS are enabled, and that they also license Site Recovery Manager for all ESX servers to which protected virtual machines could be migrated using VMotion. As a best practice, customers may choose to place virtual machines protected by Site Recovery Manager into different clusters from virtual machines that are not protected with Site Recovery Manager.

Q: After failover, what are the license requirements for the recovery site including for failback?

A: VMware vSphere and/or VMware Infrastructure licenses are required for the servers at the recovery site as described above. If, after failover is performed from Site A to Site B, new recovery plans are created to enable failback from Site B to Site A, Site Recovery Manager licenses are required for the servers running the virtual machines at Site B that are protected by those plans. The licenses originally used at Site A can be used at Site B for this purpose as long as the licenses are no longer in use at Site A.

Q: What type of licenses are used by Site Recovery Manager?

A: Site Recovery Manager 4.0 uses the same 25-character serial number license key system as is used for vSphere and vCenter Server. Site Recovery Manager 1.0 used flexlm licenses.

Q: If I'm using the shared recovery sites feature, do I need extra licenses at the shared recovery site?

A: Site Recovery Manager licenses are only required for servers running protected VMs. In a shared recovery site scenario, where multiple protected sites are configured to failover into a shared recovery site, the Site Recovery Manager licenses are only required at those protected sites. The shared recovery site does not require any additional Site Recovery Manager licenses in order to protect those sites.

Q: What license file keys does Site Recovery Manager use?

A: Site Recovery Manager 4.0 uses the new 25-character serial number license key system that's been implemented with the release of vSphere 4 and vCenter Server 4. Since the product no longer uses FlexLM licensing, there are no longer any license file keys. We have simplified the licensing model to make it easier to manage VMware products.

Note that Site Recovery Manager 1.0 used the "FlexLM" licensing model and had two license file entries:

- A per-site license key (SRM_PROD) that must be available at each site where the Site Recovery Manager service is installed. This license key is included with every purchase of Site Recovery Manager capacity licenses.
- A capacity license key (SRM_PROTECTED_HOST) for the number of host processor's that the customer has paid to protect with Site Recovery Manager.

Q: Will current Site Recovery Manager 1.x customers be entitled to Site Recovery Manager 4?

A: Site Recovery Manager 1.x customers with a current Support and Subscription contract for Site Recovery Manager will receive licenses for Site Recovery Manager 4 at no additional charge through their subscription entitlement. For bundles that contain Site Recovery Manager, customers with current

Support and Subscription contracts for those bundles are entitled to new versions and new licenses based on the Subscription entitlement for the individual products in the bundle.

Q: How can a customer who purchased a Site Recovery Manager bundle that included VMware Infrastructure Enterprise upgrade to vSphere Enterprise Plus?

A: Upgrades can be purchased for bundles that included Site Recovery Manager and VMware Infrastructure Enterprise. Contact VMware or a VMware reseller for details.