

# Getting Started with VMware Site Recovery

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VMware Site Recovery

Site Recovery Manager 8.0

vSphere Replication 8.0



vmware®

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# About Getting Started with VMware Site Recovery

The *Getting Started with VMware Site Recovery* documentation provides information about the first steps that you must perform to start using the VMware Site Recovery service.

To help you get started with the VMware Site Recovery service, this information describes the steps that you must perform to set up your environment, connect the protected on-premises site and the recovery site on VMware Cloud™ on AWS, and start using the service.

## Intended Audience

This information is intended for anyone who wants to use the VMware Site Recovery service. The information is written for experienced Windows or Linux system administrators who are familiar with virtual machine technology and datacenter operations.

# Getting Started with VMware Site Recovery™

# 1

Before you can use VMware Site Recovery™, you must activate the service on VMware Cloud™ on AWS, prepare your on-premises environment, and connect your protected on-premises site with the recovery site on VMware Cloud™ on AWS.

## Activate the VMware Site Recovery™ Service

- Set up your VMware Cloud™ on AWS account. For information about how to create an account, see *Create an Account* in the *VMware Cloud on AWS Getting Started* documentation.
- Deploy a Software-Defined Data Center (SDDC) on VMware Cloud™ on AWS. See *Deploy an SDDC from the VMC Console* in the *VMware Cloud on AWS Getting Started* documentation.
- Activate the VMware Site Recovery™ service. See *Activate VMware Site Recovery* at the Recovery Site in the *VMware Site Recovery Installation and Configuration* documentation.
- Create firewall rules between your on-premises data center and the Management gateway. See *Set the NSX Data Center for vSphere Management Gateway Firewall Rules for VMware Site Recovery by Using Firewall Rules Accelerator* or *Set the NSX Data Center for vSphere Management Gateway Firewall Rules for VMware Site Recovery Manually* in the *VMware Site Recovery Installation and Configuration* documentation. If you are using NSX-T based SDDC, see *Set the NSX-T Edge Management Gateway Firewall Rules for VMware Site Recovery* in the *VMware Site Recovery Installation and Configuration* documentation.

## Prepare Your On-Premises Environment

- Make sure that your environment meets the system requirements. See *Site Recovery Manager System Requirements* in the *VMware Site Recovery Installation and Configuration* documentation.
- Create the Site Recovery Manager Database. See *Creating the Site Recovery Manager Database* in the *VMware Site Recovery Installation and Configuration* documentation.
- Install vSphere Replication. The installation procedure of vSphere Replication involves several steps. For information about how to install vSphere Replication, see *Install vSphere Replication* in the *VMware Site Recovery Installation and Configuration* documentation.

- Before you install Site Recovery Manager Server, you must perform several tasks and verify that you have certain information. See *Prerequisites and Best Practices for Site Recovery Manager Server Installation* in the *VMware Site Recovery Installation and Configuration* documentation.
- Install Site Recovery Manager Server at the protected site. See *Install Site Recovery Manager Server at the Protected Site* in the *VMware Site Recovery Installation and Configuration* documentation.
- Connect your protected on-premises site with the recovery site on VMware Cloud™ on AWS. For information about how to connect the protected site and the recovery site, see *Connect the Site Recovery Manager Server Instances on the Protected and Recovery Sites* and *Establish a Client Connection to the Remote Site Recovery Manager Server Instance* in the *VMware Site Recovery Installation and Configuration* documentation.
- Configure the inventory mappings and the placeholder datastores. See *Configuring Mappings and Select a Placeholder Datastore* in the *VMware Site Recovery Administration* documentation.

## Start Using the VMware Site Recovery™ Service

You are now ready to use VMware Site Recovery™.

- Configure replication on the virtual machines to protect. See *Replicating Virtual Machines* in the *VMware Site Recovery Administration* documentation.
- Create and Manage Protection Groups. A protection group is a collection of virtual machines that Site Recovery Manager protects together. You can include one or more protection groups in a recovery plan. See *Creating and Managing Protection Groups* in the *VMware Site Recovery Administration* documentation.
- Create, test, and run recovery plans. A recovery plan is like an automated runbook. It controls every step of the recovery process, including the order in which Site Recovery Manager powers on and powers off virtual machines, the network addresses that recovered virtual machines use, and so on. Recovery plans are flexible and customizable. A recovery plan includes one or more protection groups. You can include a protection group in more than one recovery plan. See *Creating, Testing, and Running Recovery Plans* and *Configuring a Recovery Plan* in the *VMware Site Recovery Administration* documentation.
- After Site Recovery Manager performs a recovery, you can perform a failback to restore the original configuration of the protected and recovery sites. See *Perform a Failback* in the *VMware Site Recovery Administration* documentation.