

# VMware Site Recovery Manager

<b>Summary</b>	<ul style="list-style-type: none"><li>- Format: Classroom</li><li>- Length: 2 Days</li></ul>
<b>Overview</b>	This hands-on training course is aimed at experienced VMware Infrastructure 3 administrators. The course covers installation, configuration, and operation of VMware Site Recovery Manager (SRM) and testing of disaster recovery plans with SRM.
<b>Objectives</b>	<ul style="list-style-type: none"><li>• Create a disaster recovery workflow for your virtual machines using SRM</li><li>• Install SRM components</li><li>• Configure SRM storage replication adapters</li><li>• Configure SRM protected and recovery sites</li><li>• Configure SRM array managers</li><li>• Define SRM inventory mappings</li><li>• Create SRM recovery plans</li><li>• Test SRM recovery plans</li><li>• Execute SRM recovery plans (failover)</li></ul>
<b>Who Should Attend?</b>	System administrators and systems integrators experienced with VMware Infrastructure 3 who are responsible for their organization's deployment of SRM
<b>Prerequisites</b>	<p>Recommended</p> <ul style="list-style-type: none"><li>• Completion of VMware Infrastructure 3: Install and Configure or equivalent experience with VMware Infrastructure 3</li><li>• Basic knowledge of disaster recovery concepts</li><li>• Basic knowledge of storage array technology</li></ul> <p>Basic Skills Self-Assessment: SRM</p> <p>You must already possess the following prerequisite skills to gain the greatest possible value from attending this course:</p> <ul style="list-style-type: none"><li>• Create multiple virtual switches and configure port groups in VMware vCenter that can support the service console, VMware vMotion, iSCSI, VMware Distributed Resource Scheduler (DRS), VMware High Availability, and virtual machine production networking operations.</li><li>• Install vCenter and add VMware ESX server to its inventory.</li><li>• Reorganize your storage, moving virtual machine files from one LUN to another, either while the virtual machine is powered on or off, to facilitate a disaster recovery failover.</li><li>• A basic knowledge of SAN management activities, such as replication, replicated LUN discovery, or replicated LUN synchronization by separating synchronized LUNs or additional mirrored LUNs or snapshots during a test or an actual failover.</li><li>• Configure access to iSCSI storage on your ESX server.</li><li>• Create a VMFS datastore on shared storage.</li><li>• Migrate a virtual machine using vMotion.</li><li>• Apply migration recommendations in a DRS cluster.</li><li>• Send an SNMP notification when a virtual machine-based alarm is triggered.</li><li>• Configure VMware HA to successfully fail over virtual machines during a host failure.</li></ul>
<b>Outline</b>	<p>Module 1: SRM Overview</p> <p>Module 2: Introduction to Disaster Recovery</p> <p>Module 3: SRM Planning</p> <p>Module 4: SRM Installation</p> <p>Module 5: Array Managers</p> <p>Module 6: Inventory Mappings</p> <p>Module 7: Protection Groups</p> <p>Module 8: Recovery Plans</p> <p>Module 9: SRM Alarms and Site Status</p> <p>Module 10: Troubleshooting</p> <p>Module 11: Failover Testing and Failover</p> <p>Module 12: Failback</p>