

# Veritas™ Cluster Server Getting Started Guide

ESX

5.1

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## Veritas Cluster Server 5.1 for VMware ESX

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### About Veritas Cluster Server for VMware ESX

Veritas Cluster Server (VCS) provides a framework for application management and availability that far exceeds simple hardware recovery. It enables you to monitor systems applications and restarts services on a different system when hardware or software fails.

Veritas Cluster Server for VMware ESX provides high availability and disaster recovery to virtual machines and to applications running inside virtual machines.

For the latest information on updates, patches, and software issues regarding this release, see the following TechNote on the Symantec Technical Support website:

<http://entsupport.symantec.com/docs/289940>

## Installation Notes

Before installing, read the *Veritas Cluster Server Release Notes*:

`docs/vcs_notes.pdf`

Use the product installer to install Veritas Cluster Server.

For instructions on installing the product and its components, refer to the *Veritas Cluster Server Implementation Guide*:

`docs/vcs_implementation.pdf`

## How to license Symantec products

When you purchase a Symantec product, you receive a License Key certificate. The certificate specifies the product keys and the number of product licenses purchased. A single key lets you install the product on the number and type of systems for which you purchased the license. A key may enable the operation of more products than are specified on the certificate; however, you are legally limited to the number of product licenses purchased.

The product installation procedures describe how to activate the key. If you encounter problems while licensing a product, visit the Symantec licensing support website at:

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Make sure you have your Software Product License document. You need information in this document to retrieve and manage license keys for your Symantec product. After you receive the license key, you can install the product.

The VRTSvlic package enables product licensing. After VRTSvlic is installed, the following commands and their manual pages are available on the system:

- `vxlicinst` Installs a license key for a Symantec product
- `vxlicrep` Displays currently installed licenses
- `vxlictest` Retrieves features and their descriptions encoded in a license key

# Documentation

The following documents are included with the product:

	Description
<i>Veritas Cluster Server Release Notes (vcs_notes.pdf)</i>	Provides late-breaking information about the product.
<i>Veritas Cluster Server Implementation Guide (vcs_implementation.pdf)</i>	Describes how to install and configure VCS on ESX nodes. Also describes how to deploy virtual machines for high availability and for disaster recovery.
<i>Veritas Cluster Server User's Guide (vcs_users.pdf)</i>	Provides conceptual information about VCS. Describes how to administer VCS clusters.
<i>Veritas Cluster Server Bundled Agents Reference Guide (vcs_bundled_agents.pdf)</i>	Provides reference information about the agents bundled with this product.
<i>Veritas Cluster Server Agent Developer's Guide (vcs_agent_dev.pdf)</i>	Provides instructions for developing custom agents and for deploying them in a VCS cluster.
<i>Veritas Cluster Server Agent for EMC MirrorView Configuration Guide (vcs_mirrorview_config.pdf)</i>	Describes the agent for EMC MirrorView. Provides instructions on configuring the agent and on running fire drills.
<i>Veritas Cluster Server Agent for Hitachi TrueCopy Configuration Guide (vcs_truecopy_config.pdf)</i>	Describes the agent for Hitachi TrueCopy. Provides instructions on configuring the agent and on running fire drills.

## Accessing the documentation

Documentation is included on the software CD in Adobe Portable Document Format (PDF) in the docs directory.

The documentation is not installed with the product. Symantec recommends that you copy the documents to the `/opt/VRTS/docs` directory so that they are available for future reference.

## Documentation feedback

Your feedback on product documentation is important to us. Send suggestions for improvements and reports on errors or omissions to [clustering\\_docs@symantec.com](mailto:clustering_docs@symantec.com).

Include the title and the version of document, and chapter and section titles of the text on which you are reporting.

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