

# Veritas™ Cluster Server Getting Started Guide

VMware ESX

5.0

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## Veritas Cluster Server 5.0 for VMware ESX

This Getting Started Guide provides an overview of the licensing, documentation, and installation of Veritas Cluster Server 5.0 for VMware ESX.

Topics in this guide are:

- [About Veritas Cluster Server for VMware ESX](#)
- [Installation Notes](#)
- [How to license Symantec products](#)
- [Documentation](#)
- [Getting Help](#)

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/285191>

## 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 to virtual machines and to applications running inside virtual machines.

## Installation Notes

Use the product installer to install Veritas Cluster Server.

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

`cluster_server/release_notes/vcs_notes.pdf`

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

`cluster_server/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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The VRTSvlic package enables product licensing. After the 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:

Title and file name	Description
<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 Release Notes (vcs_notes.pdf)</i>	Provides late-breaking information about the product.
<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 Installation and Configuration Guide (vcs_mirrorview_install.pdf)</i>	Describes the agent for EMC MirrorView. 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 `cluster_server/docs` directory. The Release Notes are in the `cluster_server/release_notes` directory.

The Release Notes and the Implementation Guide are not installed with the documentation packages. Symantec recommends that you copy them to the `/opt/VRTS/docs` directory so that they are available for future reference.

After the product documentation package is installed, access the user and administration guides under the `/opt/VRTS/docs` directory.

## Ordering documents

You can purchase hard copy software guides by contacting your salesperson.

## 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 part number of the document (located in the lower left corner of the title page), and chapter and section titles of the text on which you are reporting.

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