

# Veritas™ Cluster Server HA/DR 5.0—Third-Party Replication Support

## Real-time disaster recovery for data center availability

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Data center availability allows organizations to keep their business running 24 hours a day, 7 days a week across a wide array of operating systems, applications, hardware components, and data center locations. To maintain data center availability, organizations must have an easily testable, real-time disaster recovery strategy that ensures that the applications and data on which they depend can be quickly recovered in an automated, process-driven fashion.

Many enterprises today utilize a data replication solution to protect against failure of an entire site, keeping a current copy of critical data at a remote location. This rudimentary disaster recovery, however, does not by itself protect enterprises from costly and damaging downtime. In answer, Symantec provides real-time disaster recovery via a unique, comprehensive, and integrated solution that combines mirroring, replication, and clustering within and across geographically separated data centers.

Veritas Cluster Server HA/DR is the industry's number one open systems clustering solution (source: IDC, 2006). It utilizes attached storage and an array of replication technologies to protect your critical applications and databases against downtime, planned or unplanned, across local and remote data centers. In addition to Veritas™ Volume Replicator, Veritas Cluster Server HA/DR tightly integrates with all major third-party data replication solutions, including Hitachi TrueCopy, HP® StorageWorks Continuous Access XP, EMC SRDF, EMC MirrorView, NetApp® SnapMirror, IBM® Metro Mirror, IBM DB2® HADR, and Oracle® Data Guard.

Veritas Cluster Server HA/DR, combined with supported replication methods, provides a fully integrated solution for real-time disaster recovery.

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### Solution details

Veritas Cluster Server HA/DR automates replication management and application startup at the remote site without complicated manual recovery procedures. It provides all the logic necessary to control the underlying replication configuration, whether that replication operates at the storage array level (for example, EMC SRDF), at the database level (for example, Oracle DataGuard), or synchronously or asynchronously.

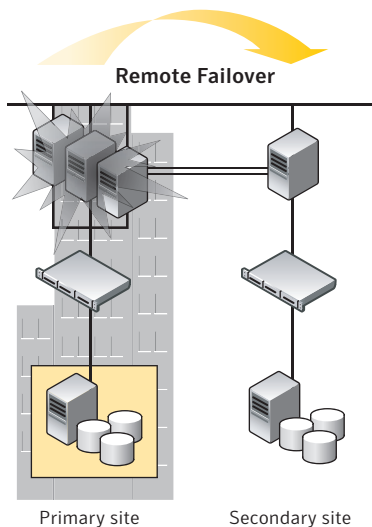
Depending on the type of failure, disaster recovery may involve reversing the direction of the replication (also known as role reversal, role swap, dynamic swap, or personality swap), or simply moving the data and applications back when the original site comes back online (fail-back). This comprehensive solution includes the ability to select automatic or one-button, operator-confirmed site-to-site failover.

By deploying a real-time disaster recovery solution, the IT department can ensure that end users will be able to access their critical data and applications, even in the event of a disaster, without the need for highly trained administrators. By placing all storage, application, and network components under the control of Veritas Cluster Server HA/DR, users



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can create an automated, easily testable solution that will execute the same approved disaster recovery actions, regardless of the time of day or skill set of the personnel present.



**Veritas Cluster Server HA/DR replication and platform support**

Replication	Solaris™	AIX®	HP-UX®	Linux®	Windows®*
EMC SRDF	•	•	•	•	•
EMC MirrorView	•	•	•	na	•
Hitachi TrueCopy	•	•	•	•	•
NetApp SnapMirror	•	•	•	•	•
IBM Metro Mirror	•	•	•	•	•
Oracle Data Guard	•	•	•	•	na
IBM DB2 HADR	•	•	na	•	na

\* Use of Cluster Server on the Windows platform requires Storage Foundation HA for Windows. For more information see [www.symantec.com/enterprise/products/overview.jsp?pcid=1020&pvid=31\\_1](http://www.symantec.com/enterprise/products/overview.jsp?pcid=1020&pvid=31_1)

**More information**

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*About Symantec*

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