

Veritas™ High Availability Agent Pack 1Q08

Getting Started Guide



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Veritas High Availability Agent Pack

Overview

This Agent Pack software disc is the release vehicle for Veritas high availability agents. The Agent Pack disc includes the currently shipping agents for Veritas Cluster Server (VCS) and Veritas Application Director. The Agent Pack is released independently of the product release trains.

See the following Technical Support TechNote for the latest updates or software issues for agents on this release:

<http://seer.entsupport.symantec.com/docs/282004.htm>

Agents on this disc are organized by platform into five directories: AIX, HP-UX, Linux, Solaris, and Windows. In the directory for each platform, the agents for a supported architecture or software distribution are further classified into three categories:

[Application Agents](#) on page 10

[Database Agents](#) on page 11

[Replication Agents](#) on page 12

In addition:

- Agents that can be used with Veritas Application Director are currently grouped in a separate directory under each platform.

[Application Director Agents](#) on page 13

- An Agent Builder tool for building custom agents is available in the application agent directory for each UNIX platform.

Contact your Symantec sales representative for details about the agents on this disc, additional agents under development, and agents available as part of Storage Foundation products or through Symantec Consulting Services.

Note: Before configuring an agent with VCS or Veritas Application Director, verify that you have the appropriate version of the agent and the latest agent documentation:

http://www.symantec.com/business/products/agents_options.jsp?pcid=1019&pv=20_1

What's new in this release

This Agent Pack release includes:

- Support for Solaris zones for the following agents:
 - WebSphere
 - WebSphere MQ
 - SAP NetWeaver
- Support for clustering MySQL on UNIX
This release provides support for clustering MySQL on the UNIX platform in a Veritas Cluster Server environment using the Agent Builder tool. For instructions, see the following Technical Support TechNote:
<http://seer.entsupport.symantec.com/docs/301380.htm>
- Support for clustering Siebel on Windows
This release provides support for clustering Siebel on the Windows platform in a Veritas Cluster Server environment using the Generic Service. For instructions, see the following Technical Support TechNote:
<http://seer.entsupport.symantec.com/docs/301382.htm>
- Support for clustering Lotus Domino on Windows
This release provides support for clustering Lotus Domino on the Windows platform in a Veritas Cluster Server environment using the Generic Service. For instructions, see the following Technical Support TechNote:
<http://seer.entsupport.symantec.com/docs/301383.htm>
- Patch for the WebLogic agent
This patch fixes some known issues of the WebLogic agent. For more information, see the README file located on the Agent Pack disc in the following directory:
`<platform>/<architecture>/application/weblogic_agent/5.0/5.1p4`
- Patch for the Oracle e-Business Suite agent
This patch provides support for Fulfillment Server and fixes some known issues of the Oracle e-Business Suite agent. For more information, see the README file located on the Agent Pack disc in the following directory:
`<platform>/<architecture>/application/oracleapps_agent/5.0/5.0p2`
- Patch for the Agent Builder tool
This patch fixes some known issues of the Agent Builder tool. For more information, see the README file located on the Agent Pack disc in the following directory:
`<platform>/<architecture>/application/agentbuilder/5.0/5.1p1`

- Enhancements for SAP NetWeaver
This release provides support for:
 - 'ig' (Internet Graphics Server) process
 - 'ms' (Message Server) process restart
 - 'cleanipc' for Enqueue Server and Enqueue Replication Server
 - Enqueue Server and Enqueue Replication Server inside Solaris 10 non-global zones
 - Solaris x64 platform
- Fire drill support for LVM with SRDF on the AIX platform
This release of the SRDFSnap agent supports fire drill for storage devices that are managed with LVM on the AIX platform.
- Fire drill support for SVCCopyServices
This release of the agent supports fire drill for storage devices that are managed with VxVM using SVC FlashCopy.
- Support for Hitachi Universal Replicator
This release of the Hitachi TrueCopy agent supports Hitachi Universal Replicator for asynchronous replication between two sites.

Disc Directory Structure

The Agent Pack disc is organized by platform, and platform directories may be further subdivided by software distribution, architecture, or VCS version. For example, the agent for WebLogic that is appropriate for use with VCS 4.1 on Solaris is located in the directory:

solaris/sparc/application/weblogic_agent/4.1/5.0.02.0_agent.

The following table summarizes, by category, the VCS agents included on this disc.

Platform	Category	Agent	
aix	application	apache_agent nfs_agent oracleapps_agent oracleas_agent sap_agent saphotStandby_agent sapliveCache_agent	sapnw_agent siebel_agent tuxedo_agent vproframework weblogic_agent websphere_agent webspheremq_agent
	database	db2_agent oracle_agent	sapmaxdb_agent sybase_agent
	replication	dataguard_agent db2hadr_agent htc_agent metro_mirror_agent mirrorview_agent	ntap_agent pprc_agent srdf_agent srdfstar_agent svccopyservices_agent
hpux	application	apache_agent nfs_agent oracleapps_agent oracleas_agent sap_agent sapliveCache_agent sapnw_agent	siebel_agent tuxedo_agent vproframework weblogic_agent websphere_agent webspheremq_agent
	database	informix_agent oracle_agent	sapmaxdb_agent sybase_agent
	replication	dataguard_agent htc_agent metro_mirror_agent mirrorview_agent	ntap_agent srdf_agent srdfstar_agent svccopyservices_agent

Platform	Category	Agent	
linux	application	apache_agent oracleapps_agent oracleas_agent sapnw_agent tuxedo_agent	vproframework weblogic_agent websphere_agent webspheremq_agent
	database	db2_agent oracle_agent	sapmaxdb_agent sybase_agent
	replication	dataguard_agent db2hadr_agent htc_agent metro_mirror_agent mirrorview_agent	ntap_agent srdf_agent srdfstar_agent svccopyservices_agent
sol	application	apache_agent nfs_agent oracleapps_agent oracleas_agent sap_agent sapliveCache_agent sapnw_agent siebel_agent	sunjes_agent sunone_agent tuxedo_agent vproframework weblogic_agent websphere_agent webspheremq_agent
	database	db2_agent informix_agent oracle_agent	sapmaxdb_agent sybase_agent
	replication	dataguard_agent db2hadr_agent htc_agent metro_mirror_agent mirrorview_agent	ntap_agent pprc_agent srdf_agent srdfstar_agent svccopyservices_agent
windows	application	sapnw_agent siebel_agent vproframework	weblogic_agent websphere_agent webspheremq_agent

Application Agents

Review the installation information that accompanies an agent before starting installation of the agent. Note, however, that installation guides for some application agents may specify directories or compressed package instructions that are not needed for installation from the Agent Pack software disc.

Application Agent	Application or Resource	Platform				
		AIX	HP-UX	Linux	Solaris	Windows
Apache	Apache HTTP	✓	✓	✓	✓	
NFS	NFS Mount	✓	✓		✓	
Oracle Applications	Oracle e-Business Suite	✓	✓	✓	✓	
Oracle AS	Oracle Application Server	✓	✓	✓	✓	
SAP R/3	SAP R/3	✓	✓		✓	
SAP HotStandby	SAP HotStandby	✓				
SAP liveCache	SAP liveCache	✓	✓		✓	
SAP NetWeaver	SAP NetWeaver	✓	✓	✓	✓	✓
Siebel	Siebel CRM	✓	✓		✓	✓ †
SunJES	Sun Java System Messaging Server, Directory Server, Administration Server				✓	
Sun ONE	Sun ONE				✓	
Tuxedo	BEA Tuxedo	✓	✓	✓	✓	
VPro Framework	Veritas VPro Agent Framework	✓	✓	✓	✓	
WebLogic	WebLogic Server	✓	✓	✓	✓	✓
WebSphere	WebSphere Application Server	✓	✓	✓	✓	✓
WebSphere MQ	WebSphere MQ	✓	✓	✓	✓	✓

Note: † There is no separate agent available for Siebel on the Windows platform, however, support for Siebel is provided through a generic service on Windows. For additional information, see the following Technical Support TechNote: <http://seer.entsupport.symantec.com/docs/301382.htm>

Database Agents

Review the installation information that accompanies an agent before starting installation of the agent. Note, however, that installation guides for some database agents may specify directories or compressed package instructions that are not needed for installation from the Agent Pack software disc.

Database Agent	Application		Platform				
			AIX	HP-UX	Linux	Solaris	Windows
DB2	DB2 Enterprise Server Edition	7.2, 8.1, 8.2	✓		✓	✓	
Informix	Informix Dynamic Server	7.1-9.4		✓		✓	
Oracle	Oracle	9i R2 10g	✓	✓	✓	✓	
SAP MaxDB	SAP MaxDB	7.5.0, 7.6.0	✓	✓	✓	✓	
Sybase	Sybase Adaptive Server	11.x-11.9.2 12.0, 12.5 15.0	✓	✓	✓	✓	

Replication Agents

Review the installation information that accompanies an agent before starting installation of the agent. Note, however, that installation guides for some replication agents may specify directories or compressed package instructions that are not needed for installation from the Agent Pack software disc.

Replication Agent	Application	Platform			
		AIX	HP-UX	Linux	Solaris
DataGuard	Oracle DataGuard	✓	✓	✓	✓
DB2 HADR	IBM DB2 HADR	✓		✓	✓
HTC	Hitachi TrueCopy	✓	✓	✓	✓
MetroMirror	IBM Metro Mirror	✓	✓	✓	✓
MirrorView	EMC MirrorView	✓	✓	✓	✓
NetApp	Network Appliance SnapMirror	✓	✓	✓	✓
PPRC	IBM Peer-to-Peer Remote Copy	✓			✓
SRDF	EMC Symmetrix Remote Data Facility	✓	✓	✓	✓
SRDFStar	EMC SRDF/Star	✓	✓	✓	✓
SVCCopyServices	SVC MetroMirror GlobalMirror	✓	✓	✓	✓

Application Director Agents

Review the documentation for installing an agent with Veritas Application Director before starting installation of the agent.

Application Director Agent	Application or Resource	Platform		
		AIX	Linux	Solaris
Oracle	Oracle 9i, 10g	✓	✓	✓
WebLogic	WebLogic Server	✓	✓	✓
WebSphere	WebSphere Application Server	✓	✓	✓
WebSphere MQ	WebSphere MQ	✓	✓	✓

Additional Product Information

The following sections contain useful information about the Veritas high availability agents distributed on this Agent Pack software disc.

Locating and Displaying Documentation

Documents are in Adobe Portable Document Format (PDF) on the enclosed disc. To access agent documentation, mount the software disc and go to the *agent_name/docs* directory.

Getting Help

Visit http://www.symantec.com/business/support/assistance_care.jsp for product assistance. Use the Knowledge Base search feature to access resources such as TechNotes, product alerts, software downloads, hardware compatibility lists, and our customer email notification service. If you encounter an error when using a product, include the error number preceding the message when contacting Technical Services. You can also use the error number to search for information in TechNotes or documents on the Web site.