

Veritas Storage Foundation and High Availability™ Solutions Oracle® Support Matrix

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https://sort.veritas.com/data/support/SORT_Data_Sheet.pdf

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Oracle RAC support matrix

This chapter includes the following topics:

- [About the Oracle RAC support matrix](#)
- [Oracle Clusterware and Oracle database interoperability matrix](#)
- [AIX support matrix for SF Oracle RAC](#)
- [HP-UX \(IA\) support matrix for SF Oracle RAC](#)
- [HP-UX \(PA\) support matrix for SF Oracle RAC](#)
- [Linux support matrix for SF Oracle RAC](#)
- [Linux support matrix for SFCFS RAC](#)
- [Solaris SPARC support matrix for SF Oracle RAC](#)
- [Solaris x64 support matrix for SF Oracle RAC](#)
- [Support matrix for virtual environments](#)

About the Oracle RAC support matrix

Review the following notes before you proceed:

- Starting with SF Oracle RAC 6.0, support for Oracle RAC 11g Release 1 Clusterware is discontinued.
For Oracle Clusterware and Oracle database interoperability information:
See [“Oracle Clusterware and Oracle database interoperability matrix”](#) on page 6.

Note: Certifications for SF Oracle RAC 6.0 are in progress. The matrices will be updated as soon as Oracle announces support for the same.

- The Oracle RAC versions listed in the tables represent the database versions. Hyphens in the tables designate a range of Oracle patch sets.
- All configurations listed in the tables below are certified and supported by Oracle and Symantec. Configurations that are not shown in the tables are not supported.
- Veritas Storage Foundation for Oracle RAC was formally known as Veritas Database Edition Advanced Cluster (DBAC) prior to the 4.0 GA release.
- If you need assistance, consult your Symantec sales team for details.

The following matrices list support for Veritas Storage Foundation for Oracle RAC (SF Oracle RAC), and Veritas Storage Foundation Cluster File System for Oracle RAC (SFCFS RAC) for:

- AIX
See [“AIX support matrix for SF Oracle RAC”](#) on page 7.
- HP-UX
HP-UX (IA)
See [“HP-UX \(IA\) support matrix for SF Oracle RAC”](#) on page 11.
HP-UX (PA)
See [“HP-UX \(PA\) support matrix for SF Oracle RAC”](#) on page 14.
- Linux
SF Oracle RAC
See [“Linux support matrix for SF Oracle RAC”](#) on page 16.
SFCFS RAC
See [“Linux support matrix for SFCFS RAC”](#) on page 19.
- Solaris SPARC
See [“Solaris SPARC support matrix for SF Oracle RAC”](#) on page 21.
- Solaris x64
See [“Solaris x64 support matrix for SF Oracle RAC”](#) on page 25.

Oracle Clusterware and Oracle database interoperability matrix

[Table 1-1](#) lists interoperability information for Oracle Clusterware and Oracle database.

Table 1-1 Oracle Clusterware and Oracle database interoperability matrix

Oracle RAC	10gR2 Database	11gR1 Database	11gR2 Database	12cR1 Database
10gR2 Clusterware	Yes	No	No	No
11gR1 Clusterware	Yes**	Yes**	No	No
11gR2 Clusterware	Yes	Yes	Yes	No
12cR1 Grid	No	No	Yes	Yes

** Valid only for SF Oracle RAC 5.1 SP1 and earlier versions. Starting with SF Oracle RAC 6.0, 11gR1 Clusterware is not supported.

AIX support matrix for SF Oracle RAC

Table 1-2 describes the AIX support matrix for SF Oracle RAC.

Table 1-2 AIX support matrix for SF Oracle RAC

SF Oracle RAC	AIX	9iR2	10gR1	10gR2	11gR1	11gR2	12cR1
6.2	7.1	Not Supported	Not Supported	Not Supported	Not Supported	11.2.0.4 \$, \$\$\$\$	12.1.0.2 \$,+++ ++++
6.2	6.1	Not Supported	Not Supported	Not Supported	Not Supported	11.2.0.4 \$, \$\$\$\$	12.1.0.2 \$,+++ ++++
6.0.5	7.1	Not supported	Not supported	Not supported	Not supported	11.2.0.3 +++, \$, \$\$\$\$\$ 11.2.0.4 \$, \$\$\$\$ \$\$\$\$\$	12.1.0.1 \$, \$\$\$\$\$ 12.1.0.2 \$,+++ \$\$\$\$, +++++
6.0.5	6.1	Not supported	Not supported	10.2.0.5	Not supported	11.2.0.3 +++, \$, \$\$\$\$\$ 11.2.0.4 \$, \$\$\$\$ \$\$\$\$\$	12.1.0.1 \$, \$\$\$\$\$ 12.1.0.2 \$,+++ \$\$\$\$, +++++

Table 1-2 AIX support matrix for SF Oracle RAC (continued)

SF Oracle RAC	AIX	9iR2	10gR1	10gR2	11gR1	11gR2	12cR1
6.0.3	7.1	Not supported	Not supported	Not supported	Not supported	11.2.0.3 †††, \$ 11.2.0.4 \$, \$\$\$	Not supported
6.0.3	6.1	Not supported	Not supported	10.2.0.5	Not supported	11.2.0.3 †††, \$ 11.2.0.4 \$, \$\$\$	Not supported
6.0.1	7.1	Not supported	Not supported	Not supported	Not supported	11.2.0.2 †††, \$ 11.2.0.3 †††, \$	Not supported
6.0.1	6.1	Not supported	Not supported	10.2.0.5	Not supported	11.2.0.2 †††, \$ 11.2.0.3 †††, \$	Not supported
6.0	7.1	Not supported	Not supported	Not supported	Not supported	11.2.0.2 †††, \$, \$\$\$ 11.2.0.3 †††, \$, \$\$\$	Not supported
6.0	6.1	Not supported	Not supported	10.2.0.5	Not supported	11.2.0.2 †††, \$, \$\$\$ 11.2.0.3 †††, \$, \$\$\$	Not supported
5.1 SP1 RP2	7.1	Not supported	Not supported	Not supported	Not supported	11.2.0.2††† and \$ 11.2.0.3 \$ and \$\$ 11.2.0.4 \$, \$\$\$, ****	Not supported

Table 1-2 AIX support matrix for SF Oracle RAC (continued)

SF Oracle RAC	AIX	9iR2	10gR1	10gR2	11gR1	11gR2	12cR1
5.1 SP1	6.1	Not supported	Not supported	10.2.0.4 10.2.0.5	11.1.0.7	11.2.0.1 11.2.0.2††† and \$ 11.2.0.3 \$ and \$\$ 11.2.0.4 \$, \$\$\$\$, ****	Not supported
5.1 SP1	5.3	Not supported	Not supported	10.2.0.4 10.2.0.5	11.1.0.7	11.2.0.1 11.2.0.2††† and \$ 11.2.0.3 \$ and \$\$ 11.2.0.4 \$, \$\$\$\$, ****	Not supported
5.1	6.1	Not supported	Not supported	10.2.0.4 10.2.0.5	11.1.0.7	11.2.0.1*** 11.2.0.2***, †††, and \$	Not supported
5.1	5.3	Not supported	Not supported	10.2.0.4 10.2.0.5	11.1.0.7	11.2.0.1*** 11.2.0.2***, †††, and \$	Not supported
5.0 MP3	6.1	Not supported	Not supported	10.2.0.3 - 10.2.0.5	11.1.0.6 11.1.0.7	11.2.0.1†† 11.2.0.2††, †††, and \$	Not supported
5.0 MP3	5.3	9.2.0.8	10.1.0.5	10.2.0.1 - 10.2.0.5	11.1.0.6 11.1.0.7	11.2.0.1†† 11.2.0.2††, †††, and \$	Not supported
5.0 MP1 Update 1	6.1^	Not supported	Not supported	10.2.0.2 - 10.2.0.4		Not supported	Not supported
5.0 MP1 Update 1	5.3^	9.2.0.7 9.2.0.8	10.1.0.5	10.2.0.2 - 10.2.0.4	11.1.0.6	Not supported	Not supported

Table 1-2 AIX support matrix for SF Oracle RAC (*continued*)

SF Oracle RAC	AIX	9iR2	10gR1	10gR2	11gR1	11gR2	12cR1
5.0 MP1	5.3 [^]	9.2.0.7 9.2.0.8	10.1.0.5	10.2.0.2 10.2.0.3** 10.2.0.4**	11.1.0.6 (Requires 5.0 MP1 Update 1)	Not supported	Not supported
5.0 MP1	5.2	9.2.0.7 9.2.0.8	10.1.0.5	10.2.0.2 10.2.0.3**	Not supported	Not supported	Not supported
5.0	5.2 5.3 [^]	9.2.0.7	10.1.0.5	10.2.0.2	Not supported	Not supported	Not supported
4.0 MP4	5.3 [^]	9.2.0.7 9.2.0.8 [#]	10.1.0.3 - 10.1.0.5	10.2.0.2 10.2.0.3 † 10.2.0.4 †	Not supported	Not supported	Not supported
4.0 MP4	5.2	9.2.0.7 9.2.0.8	10.1.0.3 - 10.1.0.5	10.2.0.2 10.2.0.3	Not supported	Not supported	Not supported
4.0 MP3	5.2 5.3 [^]	9.2.0.6 9.2.0.7 9.2.0.8*	10.1.0.3 - 10.1.0.5	10.2.0.1 10.2.0.2 10.2.0.3*	Not supported	Not supported	Not supported
4.0 MP2	5.2 5.3	9.2.0.6	10.1.0.3 10.1.0.4	Not supported	Not supported	Not supported	Not supported
4.0 MP1	5.2 5.3	9.2.0.6	10.1.0.3	Not supported	Not supported	Not supported	Not supported
4.0	5.2	9.2.0.5	Not supported	Not supported	Not supported	Not supported	Not supported

[^] Require patches as specified in the TechNote
<http://seer.entsupport.symantec.com/docs/300765.htm>

* Require '4.0MP3+e1097253a'

** Require '5.0MP1+e1049285+e1044590a' and
 'VCSOPS5.0MP1+hotfix_fubon_e1243787a'

† Require '4.0MP4+e997770+e1044590b and 4.0MP4+e1363417'

Require '4.0MP4+e997770+e1044590b' Cluster Volume Manager supported with Oracle Automatic Storage Management (ASM) with Oracle 10.2.0.2 and higher for Storage Foundation for Oracle RAC versions 5.0 and higher on AIX 5.3 only

†† Requires SF Oracle RAC 5.0 MP3 RP4 and later

††† If a private network interface (on which the private IP address for Oracle Grid Infrastructure is configured) is brought down on a running 11.2.0.2 and 11.2.0.3 cluster node, the HAIP resource fails to fail over the private IP address. This causes the Oracle instance to fail on the node from which the private interface is brought down. This is because AIX does not notify the status change in the network interface. Oracle and IBM are working together to resolve this issue (Oracle bug ID: 10373244).

Workaround: Append the following lines at the end of the file `/etc/rc.net`:

/usr/sbin/ifconfig *interface_name* monitor >>\$LOGFILE 2>&1

where *interface_name* is the name of the network interface, one interface per line.

†††† Requires linking with Veritas Extension for Oracle Disk Manager (ODM) with Oracle database 12.1.0.2. For details, see the following TechNote:

<http://www.symantec.com/docs/TECH225500>

*** Requires SF Oracle RAC 5.1 RP1 and later

\$ See the following Technote:

<http://www.symantec.com/business/support/index?page=content&id=TECH145261>

\$\$ Requires ODM patch. See Tech Alert:

<http://www.symantec.com/business/support/index?page=content&id=TECH173597>

\$\$\$ Requires Cluster Server Agent Extension for SFCFS Distribution 6.0 Hot Fix 1.

See the patch details at:

http://patchcentral.engba.symantec.com/index.php?cmd=pdata&release_id=6310

\$\$\$\$ Requires Oracle patch, Patch 17501491: ODM API version is not correct for ODM_MKDIR call in 11.2.0.4.0.

\$\$\$\$\$ Requires cluster Server Agent Extension for SFCFS Distribution Patch

6.0.5.100. See the patch details at:<https://sort.symantec.com/patch/detail/8995>

**** Requires SF Oracle RAC 5.1 SP1 RP4 and later.

HP-UX (IA) support matrix for SF Oracle RAC

The following table lists the combinations of HP-UX (IA) and Oracle RAC versions that are supported.

Table 1-3 Oracle RAC support on HP-UX (IA)

SF Oracle RAC	HP-UX (IA)	Database						
		10g R1	10g R2	11g R1	11g R2	12c R1	12c R2	19c
6.1	11i v3	x	x	x	x	12.1.0.2 [9] [4] [14]	12.2.0.1 [14] [15] [17]	19.0.0.0 [4] [14] [15] [18] [19]
6.0.5	11i v3	x	10.2.0.5	x	11.2.0.4 [9] [12] 11.2.0.3 [9]	12.1.0.2 [4] [9]	12.2.0.1 [4] [9]	x
6.0.3	11i v3	x	10.2.0.5	x	11.2.0.4 [9] [12] 11.2.0.3 [9]	x	x	x
6.0.1	11i v3	x	10.2.0.5	x	11.2.0.3 [9]	x	x	x
6.0 [11]	11i v3	x	10.2.0.5	x	11.2.0.3 [9]	x	x	x
5.1 SP1	11i v3	x	10.2.0.5	x	11.2.0.1 11.2.0.2 [9] 11.2.0.3 [9] [10] 11.2.0.4 [9] [12] [13]	12.1.0.2 [13] [15] [16]	x	x
5.0.1	11i v3	x	10.2.0.4 10.2.0.5 [7]	11.1.0.7	11.2.0.1 [7] 11.2.0.2 [7] [9] 11.2.0.3 [7] [10]	x	x	x
5.0	11i v3	x	10.2.0.3 10.2.0.4 [8]	11.1.0.6 11.1.0.7	x	x	x	x
5.0 MP2	11i v2	x	10.2.0.2 - 10.2.0.5	11.1.0.6 11.1.0.7	x	x	x	x
5.0 MP1	11i v3	x	10.2.0.4 10.2.0.5	11.1.0.7	11.2.0.1 11.2.0.2 [9]	x	x	x

Table 1-3 Oracle RAC support on HP-UX (IA) (continued)

SF Oracle RAC	HP-UX (IA)	Database						
		10g R1	10g R2	11g R1	11g R2	12c R1	12c R2	19c
5.0 MP1	11i v2	x	10.2.0.2 10.2.0.3 [2] 10.2.0.4 [5]	11.1.0.6 [3] 11.1.0.7 [3]	x	x	x	x
5.0	11i v2	x	10.2.0.1 10.2.0.2	x	x	x	x	x
4.1 MP2	11i v2	10.1.0.5	10.2.0.2 10.2.0.3 10.2.0.4 [6]	x	x	x	x	x
4.1 MP1	11i v2	10.1.0.4	10.2.0.1 [1] 10.2.0.2 [1]	x	x	x	x	x
4.1	11i v2	x	x	x	x	x	x	x

1. Requires the PVCO_03652 and PVKL_03661 patches for SF Oracle RAC 4.1 MP1 PP1
2. Requires the PVKL_03769 patch for SF Oracle RAC 5.0 MP1 CP1
3. Requires the following patches:
 - PVKL_03814 for VRTSdbac 5.0 MP1 RP2
 - PHCO_38187 and PHKL_38188 for VRTSvxvm 5.0 MP1 RP3
 - PHKL_35029, PHKL_36745, PHCO_36744, PHKL_31500, PHSS_33903, PHSS_36519, PHSS_37492, PHCO_36744, PHCO_38273, PHSS_38138, and PHSS_38140 for HP-UX
 - Oracle patch 6849184
4. Requires linking with Veritas Extension for Oracle Disk Manager (ODM) with Oracle database 12.1.0.2 or later.

For details, refer to the TechNote at:

https://www.veritas.com/content/support/en_US/article.100014296.html

5. Requires the PVKL_03814 patch for SF Oracle RAC 5.0 MP1 RP2
6. Requires the PVKL_03843 patch for VRTSdbac 4.1 MP2 RP1

7. Requires SF Oracle RAC 5.0.1 RP1 and later
8. Requires the PVKL_03842 patch for SF Oracle RAC 5.0 11i v3 RP1 (Cluster Volume Manager supported with Oracle Automatic Storage Management (ASM) with Oracle 10.2.0.2 and higher for Storage Foundation for Oracle RAC versions 5.0 and higher)
9. Refer to the TechNote:
https://www.veritas.com/content/support/en_US/article.100003972.html
10. Requires an ODM patch.
 For details, refer to the Alert at:
https://www.veritas.com/content/support/en_US/article.100007035.html
11. Requires SF Oracle RAC 6.0 RP1 and later
12. Requires Oracle Patch 17501491: "ODM API version is not correct for ODM_MKDIR call in 11.2.0.4.0"
13. Requires SF Oracle RAC 5.1 SP1 RP3
14. Support provided through HP Serviceguard Storage Management Suite A.05.00, which uses components of Veritas SF Oracle RAC
15. Applicable only to an HP-UX (OEM) release
16. Requires the PHCO_44786 patch for DBED functionality
17. Requires the PHKL_44809 patch for DBED functionality
18. Requires Oracle Patch p30404521_190000_HPUX-IA64.zip
19. Requires the PHCO_44840 patch for DBED functionality

HP-UX (PA) support matrix for SF Oracle RAC

Table 1-4 describes the HP-UX (PA) support matrix for SF Oracle RAC.

Table 1-4 HP-UX (PA) support matrix for SF Oracle RAC

SF Oracle RAC	HP-UX (PA)	9iR2	10gR1	10gR2	11gR1	11gR2
5.1 SP1	11i v3	Not supported	Not supported	10.2.0.5	Not supported	11.2.0.1
5.0.1	11i v3	Not supported	Not supported	10.2.0.4	11.1.0.7	11.2.0.1†††
5.0	11i v3	Not supported	Not supported	10.2.0.3 10.2.0.4#	11.1.0.6 11.1.0.7	Not supported

Table 1-4 HP-UX (PA) support matrix for SF Oracle RAC (*continued*)

SF Oracle RAC	HP-UX (PA)	9iR2	10gR1	10gR2	11gR1	11gR2
5.0 MP2	11i v2	9.2.0.7 9.2.0.8	Not supported	10.2.0.2 - 10.2.0.4	11.1.0.6 11.1.0.7	Not supported
5.0 MP2	11i v3	Not supported	Not supported	10.2.0.4 10.2.0.5	11.1.0.7	11.2.0.1
5.0 MP1	11i v2	9.2.0.7 9.2.0.8	Not supported	10.2.0.2 10.2.0.3** 10.2.0.4†	11.1.0.6*** 11.1.0.7***	Not supported
5.0	11i v2	9.2.0.7	Not supported	10.2.0.1 10.2.0.2	Not supported	Not supported
4.1 MP2	11i v2	9.2.0.7 9.2.0.8	10.1.0.5	10.2.0.2 10.2.0.3 10.2.0.4††	Not supported	Not supported
4.1 MP1	11i v2	9.2.0.6 9.2.0.7*	10.1.0.4	10.2.0.1* 10.2.0.2*	Not supported	Not supported
4.1	11i v2	9.2.0.6	Not supported	Not supported	Not supported	Not supported
3.5 U4	11i	9.2.0.7 9.2.0.8	10.1.0.4 10.1.0.5	Not supported	Not supported	Not supported
3.5 U3	11i	9.2.0.6	10.1.0.3 10.1.0.4	Not supported	Not supported	Not supported
3.5	11i	9.2.0.5	Not supported	Not supported	Not supported	Not supported

* Require 4.1MP1PP1 patches (PVCO_03652 and PVKL_03661)

** Require 5.0MP1CP1 patch (PVKL_03769)

*** Requires the following patches:

- VRTSdbac 5.0 MP1RP2 (PVKL_03814)
- VRTSvxvm 5.0 MP1RP3 (PHCO_38187, PHKL_38188)

- HP-UX OS patches PHKL_35029, PHKL_36745, PHCO_36744, PHKL_31500, PHSS_33903, PHSS_36519, PHSS_37492, PHCO_36744, PHCO_38273, PHSS_38138, PHSS_38140

- Oracle patch 6849184

† Require 5.0MP1RP2 patch (PVKL_03814)

†† Require VRTSdbac 4.1 MP2RP1 patch (PVKL_03843)

††† Requires SF Oracle RAC 5.0.1 RP1

Require 5.0 11iv3 RP1 patch (PVKL_03842) Cluster Volume Manager supported with Oracle Automatic Storage Management (ASM) with Oracle 10.2.0.2 and higher for Storage Foundation for Oracle RAC versions 5.0 and higher

\$ See the following Technote before installing 11.2.0.2:

<http://www.symantec.com/business/support/index?page=content&id=TECH145261>

Linux support matrix for SF Oracle RAC

Table 1-5 describes the Linux support matrix for SF Oracle RAC.

Table 1-5 Linux support matrix for SF Oracle RAC

SF Oracle RAC	RHEL/OEL/SLES	9iR2	10gR1	10gR2	11gR1	11gR2	12c
6.2.1	RHEL 7 OEL 7	Not supported	Not supported	Not supported	Not supported	11.2.0.4 \$ and **	12.1.0.2 \$ and ***
6.2	RHEL 6 OEL 6	Not supported	Not supported	Not supported	Not supported	11.2.0.4 \$ and **	12.1.0.2 \$ and ***
6.2	SLES11	Not supported	Not supported	Not supported	Not supported	11.2.0.4 \$ and **	12.1.0.2 \$ and ***
6.1.1	RHEL 6 OEL 6	Not supported	Not supported	Not supported	Not supported	11.2.0.4 \$ and ** 11.2.0.3 \$	12.1.0.1 \$ 12.1.0.2 \$, ***, and #####
6.1.1	RHEL 5 OEL 5	Not supported	Not supported	Not supported	Not supported	11.2.0.4 \$ and ** 11.2.0.3 \$	12.1.0.1 \$ 12.1.0.2 \$ and ***

Table 1-5 Linux support matrix for SF Oracle RAC (*continued*)

SF Oracle RAC	RHEL/OEL/SLES	9iR2	10gR1	10gR2	11gR1	11gR2	12c
6.1.1	SLES 11	Not supported	Not supported	Not supported	Not supported	11.2.0.4 \$ and ** 11.2.0.3 \$	12.1.0.1 \$ 12.1.0.2 \$, ***, and ####
6.1	RHEL 6 OEL 6	Not supported	Not supported	Not supported	Not supported	11.2.0.4 \$ and ** 11.2.0.3 \$	12.1.0.1 \$
6.1	RHEL 5 OEL 5	Not supported	Not supported	Not supported	Not supported	11.2.0.4 \$ and ** 11.2.0.3 \$	12.1.0.1 \$
6.1	SLES 11	Not supported	Not supported	Not supported	Not supported	11.2.0.4 \$ and ** 11.2.0.3 \$	12.1.0.1 \$
6.0.5	RHEL 6 OEL 6	Not supported	Not supported	Not supported	Not supported	11.2.0.3 \$ 11.2.0.4 \$ and **	12.1.0.1 \$ 12.1.0.2 \$, ***, and ###
6.0.5	RHEL 5 OEL 5	Not supported	Not supported	Not supported	Not supported	11.2.0.3 \$ 11.2.0.4 \$ and **	12.1.0.1 \$ 12.1.0.2 \$ and ***
6.0.5	SLES11	Not supported	Not supported	Not supported	Not supported	11.2.0.3 \$ 11.2.0.4 \$ and **	12.1.0.1 \$ 12.1.0.2 \$, ***, and ###
6.0.5	SLES 10	Not supported	Not supported	Not supported	Not supported	11.2.0.3 \$ 11.2.0.4 \$ and **	Not supported
6.0.4	SLES 11	Not supported	Not supported	Not supported	Not supported	11.2.0.3 \$ 11.2.0.4 \$ and **	12.1.0.1 \$
6.0.3	RHEL 6 OEL 6	Not supported	Not supported	Not supported	Not supported	11.2.0.3 \$ 11.2.0.4 \$ and **	12.1.0.1 \$ and \$\$\$
6.0.3	RHEL 5 OEL 5	Not supported	Not supported	Not supported	Not supported	11.2.0.3 \$ 11.2.0.4 \$ and **	12.1.0.1 \$ and \$\$\$

Table 1-5 Linux support matrix for SF Oracle RAC (*continued*)

SF Oracle RAC	RHEL/OEL/SLES	9iR2	10gR1	10gR2	11gR1	11gR2	12c
6.0.3	SLES 11 SLES 10	Not supported	Not supported	Not supported	Not supported	11.2.0.3 ^{\$} 11.2.0.4 ^{\$ and **}	Not supported
6.0.1	RHEL 6 OEL 6	Not supported	Not supported	Not supported	Not supported	11.2.0.3 ^{\$}	Not supported
6.0.1	SLES 11 SLES 10	Not supported	Not supported	Not supported	Not supported	11.2.0.3 ^{\$}	Not supported
6.0.1	RHEL 5 OEL 5	Not supported	Not supported	Not supported	Not supported	11.2.0.2 ^{\$}	Not supported
6.0 RP1	RHEL 6 OEL 6	Not supported	Not supported	Not supported	Not supported	11.2.0.3 ^{\$}	Not supported
6.0	SLES 11 SLES 10	Not supported	Not supported	Not supported	Not supported	11.2.0.3 ^{\$}	Not supported
6.0	RHEL 5 OEL 5	Not supported	Not supported	Not supported	Not supported	11.2.0.2 ^{\$}	Not supported
5.1 SP1	RHEL 6 OEL 6	Not supported	Not supported	Not supported	Not supported	11.2.0.3 ^{#, \$, and \$\$} 11.2.0.4 ^{#, ** and ##}	Not supported
5.1 SP1	RHEL 5 OEL 5 SLES 10 SLES 11	Not supported	Not supported	Not supported	Not supported	11.2.0.1* 11.2.0.2 ^{\$} 11.2.0.3 ^{\$ and \$\$} 11.2.0.4 ^{#, ** and ##}	Not supported
5.1 PR1	RHEL 5 OEL 5	Not supported	Not supported	Not supported	Not supported	11.2.0.1* 11.2.0.2 ^{\$} 11.2.0.3 ^{\$ and \$\$}	Not supported
5.1 Patch 3	RHEL 5 OEL 5	Not supported	Not supported	Not supported	Not supported	11.2.0.1* 11.2.0.2 ^{\$} 11.2.0.3 ^{\$ and \$\$}	Not supported

- * Requires Oracle patch 8649805 or PSU2 (11.2.0.1.2).
- ** Requires Oracle patch, Patch 17501491: ODM API version is not correct for ODM_MKDIR CALL in 11.2.0.4.0.
- *** Requires linking with Veritas Extension for Oracle Disk Manager (ODM) with Oracle database 12.1.0.2. For details, see the following TechNote:
<http://www.symantec.com/docs/TECH225500>
- \$ See the following Technote:
<http://www.symantec.com/business/support/index?page=content&id=TECH145261>
- \$\$ Requires ODM patch. See Tech Alert:
<http://www.symantec.com/business/support/index?page=content&id=TECH173597>
- # Requires SF Oracle RAC 5.1 SP1 RP3
- ## Requires SF Oracle RAC 5.1SP1 RP3P1 and later.
- ### Requires VRTSvxfs patch. For details, see Tech Alert:
<https://sort.symantec.com/patch/detail/9011>
<https://sort.symantec.com/patch/detail/9010>
- #### Requires VRTSvxfs patch. For details, see Tech Alert:
<https://sort.symantec.com/patch/detail/9246>
<https://sort.symantec.com/patch/detail/9247>
- \$\$\$ Patches are required for ODM. For details, please refer to the following tech note:
<http://www.symantec.com/docs/TECH210620>

Linux support matrix for SFCFS RAC

Table 1-6 describes the Linux support matrix for SFCFS RAC.

Table 1-6 Linux support matrix for SFCFS RAC

SFCFS RAC	RHEL/OEL/SLES	9iR2	10gR1	10gR2	11gR1
5.1 SP1	RHEL 5 OEL 5	Not supported	Not supported	10.2.0.3 10.2.0.4 10.2.0.5	11.1.0.7
5.1 SP1	SLES 10	Not supported	Not supported	Not supported	11.1.0.7
5.1RP1	RHEL 5 OEL 5	Not supported	Not supported	10.2.0.4 10.2.0.5	11.1.0.7

Table 1-6 Linux support matrix for SFCFS RAC (*continued*)

SFCFS RAC	RHEL/OEL/SLES	9iR2	10gR1	10gR2	11gR1
5.1RP1	SLES 10	Not supported	Not supported	Not supported	11.1.0.7
5.1	RHEL 5 OEL 5	Not supported	Not supported	10.2.0.4 10.2.0.5	11.1.0.7
5.1	SLES 10	Not supported	Not supported	Not supported	11.1.0.6 11.1.0.7
5.0 MP4	RHEL 5 OEL 5	Not supported	Not supported	10.2.0.5	11.1.0.7
5.0 MP4	RHEL 4 OEL 4	Not supported	Not supported	10.2.0.5	11.1.0.7
5.0 MP4	SLES 11	Not supported	Not supported	10.2.0.5	11.1.0.7
5.0 MP4	SLES 10	Not supported	Not supported	10.2.0.5	11.1.0.7**
5.0 MP4	SLES 9	Not supported	Not supported	10.2.0.5	11.1.0.7
5.0 MP3	RHEL 5 OEL 5	Not supported	Not supported	10.2.0.3 - 10.2.0.5	11.1.0.6 11.1.0.7
5.0 MP3	RHEL 4 OEL 4	Not supported	Not supported	10.2.0.3 - 10.2.0.5	11.1.0.6
5.0 MP3	SLES 10	Not supported	Not supported	10.2.0.3* 10.2.0.4* 10.2.0.5	11.1.0.6** 11.1.0.7**
5.0 MP3	SLES 9	Not supported	Not supported	10.2.0.3 - 10.2.0.5	Not supported
5.0 MP2	RHEL 4 OEL 4	Not supported	Not supported	10.2.0.3 10.2.0.4	11.1.0.6
5.0 MP2	SLES 9	Not supported	Not supported	10.2.0.3 10.2.0.4	Not supported

Cluster Volume Manager supported with Oracle Automatic Storage Management (ASM) with Oracle 10.2.0.2 and higher

* Requires minimum kernel version 2.6.16.60-0.34 and Oracle patches 4637591 and 5082958

** Requires minimum kernel version 2.6.16.60-0.34 and Oracle patch 6849184

Solaris SPARC support matrix for SF Oracle RAC

Table 1-7 describes the Solaris support matrix for SF Oracle RAC.

Table 1-7 Solaris SPARC support matrix for SF Oracle RAC

SF Oracle RAC	Solaris SPARC	9iR1	9iR2	10gR1	10gR2	11gR1	11gR2	12c
6.2	11	Not supported	Not supported	Not supported	Not supported	Not supported	11.2.0.4 [§] , \$\$\$	12.1.0.2 [§] and ###
6.2	10	Not supported	Not supported	Not supported	Not supported	Not supported	11.2.0.4 [§] , \$\$\$	Not supported
6.1.1	11	Not supported	Not supported	Not supported	Not supported	Not supported	11.2.0.3 [§] 11.2.0.4 [§] , \$\$\$	12.1.0.1 [§] 12.1.0.2 [§] and ###
6.1.1	10	Not supported	Not supported	Not supported	Not supported	Not supported	11.2.0.3 [§] 11.2.0.4 [§] , \$\$\$	12.1.0.1 [§] 12.1.0.2 [§] and ###
6.1	11	Not supported	Not supported	Not supported	Not supported	Not supported	11.2.0.3 [§] 11.2.0.4 [§] , \$\$\$	12.1.0.1 [§]
6.1	10	Not supported	Not supported	Not supported	Not supported	Not supported	11.2.0.3 [§] 11.2.0.4 [§] , \$\$\$	12.1.0.1 [§]
6.0.5	11	Not supported	Not supported	Not supported	Not supported	Not supported	11.2.0.3 [§] 11.2.0.4 [§] , \$\$\$	12.1.0.1 [§] 12.1.0.2 [§] and ###
6.0.5	10	Not supported	Not supported	Not supported	10.2.0.5	Not supported	11.2.0.3 [§] 11.2.0.4 [§] , \$\$\$	12.1.0.1 [§] 12.1.0.2 [§] and ###

Table 1-7 Solaris SPARC support matrix for SF Oracle RAC (*continued*)

SF Oracle RAC	Solaris SPARC	9iR1	9iR2	10gR1	10gR2	11gR1	11gR2	12c
6.0.3	11	Not supported	Not supported	Not supported	Not supported	Not supported	11.2.0.3 \$ 11.2.0.4 \$, \$\$\$	12.1.0.1 \$ ^
6.0.3	10	Not supported	Not supported	Not supported	10.2.0.5	Not supported	11.2.0.3 \$ 11.2.0.4 \$, \$\$\$	12.1.0.1 \$ ^
6.0.1	11	Not supported	Not supported	Not supported	Not supported	Not supported	11.2.0.3\$	Not supported
6.0.1	10	Not supported	Not supported	Not supported	10.2.0.5	Not supported	11.2.0.2\$ 11.2.0.3\$	Not supported
6.0	10	Not supported	Not supported	Not supported	10.2.0.5	Not supported	11.2.0.2\$ 11.2.0.3\$	Not supported
5.1 SP1	10	Not supported	Not supported	Not supported	10.2.0.4 10.2.0.5	11.1.0.7	11.2.0.1 11.2.0.2\$ 11.2.0.3\$ and \$\$ 11.2.0.4 \$, \$\$\$, ****	Not supported
5.1 SP1	9	Not supported	Not supported	Not supported	10.2.0.4 10.2.0.5	11.1.0.7	Not supported	Not supported
5.1	10	Not supported	Not supported	Not supported	10.2.0.4 10.2.0.5	11.1.0.7	11.2.0.1†† 11.2.0.2†† and \$	Not supported
5.1	9	Not supported	Not supported	Not supported	10.2.0.4 10.2.0.5	11.1.0.7	Not supported	Not supported

Table 1-7 Solaris SPARC support matrix for SF Oracle RAC (continued)

SF Oracle RAC	Solaris SPARC	9iR1	9iR2	10gR1	10gR2	11gR1	11gR2	12c
5.0 MP3	10	Not supported	9.2.0.7 9.2.0.8	10.1.0.4 10.1.0.5	10.2.0.1 - 10.2.0.5	11.1.0.6 11.1.0.7	11.2.0.1*** 11.2.0.2*** and \$ 11.2.0.3***, \$ and \$\$ 11.2.0.4***, \$, \$\$, and \$\$\$	Not supported
5.0 MP3	9	Not supported	9.2.0.7 9.2.0.8	10.1.0.4 10.1.0.5	10.2.0.1 - 10.2.0.5	11.1.0.6 11.1.0.7	Not supported	Not supported
5.0 MP3	8	Not supported	9.2.0.7 9.2.0.8	10.1.0.4 10.1.0.5	10.2.0.1 - 10.2.0.5	Not supported	Not supported	Not supported
5.0 MP1	9 10	Not supported	9.2.0.7 9.2.0.8	10.1.0.5	10.2.0.1 - 10.2.0.4	11.1.0.6† 11.1.0.7†	Not supported	Not supported
5.0 MP1	8	Not supported	9.2.0.7 9.2.0.8	10.1.0.5	10.2.0.1 - 10.2.0.4	Not supported	Not supported	Not supported
5.0	8 9 10	Not supported	9.2.0.7*	10.1.0.5	10.2.0.1 - 10.2.0.3	Not supported	Not supported	Not supported
4.1 MP2	8 9 10	Not supported	9.2.0.7 9.2.0.8	10.1.0.5	10.2.0.1 - 10.2.0.4	Not supported	Not supported	Not supported
4.1 MP1	8 9 10	Not supported	9.2.0.6 9.2.0.7* 9.2.0.8*	10.1.0.2 - 10.1.0.5	10.2.0.1 - 10.2.0.3	Not supported	Not supported	Not supported
4.1	8 9 10	Not supported	9.2.0.6 9.2.0.7*	10.1.0.2 - 10.1.0.4	Not supported	Not supported	Not supported	Not supported

Table 1-7 Solaris SPARC support matrix for SF Oracle RAC (continued)

SF Oracle RAC	Solaris SPARC	9iR1	9iR2	10gR1	10gR2	11gR1	11gR2	12c
4.0 MP2	8 9	Not supported	9.2.0.6	10.1.0.3 10.1.0.4	Not supported	Not supported	Not supported	Not supported
4.0 MP1	8 9	Not supported	9.2.0.5 9.2.0.6*	10.1.0.2	Not supported	Not supported	Not supported	Not supported
4.0 FP1	8 9	Not supported	9.2.0.5 9.2.0.6*	Not supported	Not supported	Not supported	Not supported	Not supported
4.0	8 9	9.1.0.4	9.2.0.1 - 9.2.0.4	Not supported	Not supported	Not supported	Not supported	Not supported
3.5 MP4	8 9	Not supported	9.2.0.1 - 9.2.0.7	Not supported	Not supported	Not supported	Not supported	Not supported
3.5 MP3	8 9	Not supported	9.2.0.1 - 9.2.0.5 9.2.0.6*	Not supported	Not supported	Not supported	Not supported	Not supported
3.5 MP2	8 9	Not supported	9.2.0.1 - 9.2.0.4	Not supported	Not supported	Not supported	Not supported	Not supported
3.5 MP1	8 9	9.1.0.4 (32-bit) 9.1.0.1 - 9.1.0.4	9.2.0.1	Not supported	Not supported	Not supported	Not supported	Not supported
3.5	8	9.1.0.4 (32-bit) 9.1.0.1 - 9.1.0.4	9.2.0.1	Not supported	Not supported		Not supported	Not supported

* Point patch required

** Cumulative Patch 1 Cluster Volume Manager supported with Oracle Automatic Storage Management (ASM) with Oracle 10.2.0.2 and higher for Storage Foundation for Oracle RAC versions 5.0 and higher

*** Requires SF Oracle RAC 5.0 MP3 RP4 or later patch

† Requires VRTSdbac patch 5.0 MP1+E1221809a

†† Requires SF Oracle RAC 5.1 RP1 and later

§ See the following Technote:

<http://www.symantec.com/business/support/index?page=content&id=TECH145261>

\$\$ Requires ODM patch. See Tech Alert::

<http://www.symantec.com/business/support/index?page=content&id=TECH173597>

\$\$\$ Requires Oracle patch, Patch 17501491: ODM API version is not correct for ODM_MKDIR call in 11.2.0.4.0.

Additionally, to resolve OUI issues during the Oracle Grid Infrastructure 11.2.0.4 installation with SF Oracle RAC, see the technote:

<http://www.symantec.com/docs/TECH213369>

**** Requires SF Oracle RAC 5.1 SP1 RP4 and later.

^ Patches are required for ODM. For details, please refer to the following tech note:

<http://www.symantec.com/docs/TECH210620>

Requires linking with Veritas Extension for Oracle Disk Manager (ODM) with Oracle database 12.1.0.2. For details, see the following TechNote:

<http://www.symantec.com/docs/TECH225500>

Solaris x64 support matrix for SF Oracle RAC

Table 1-8 describes the Solaris x64 support matrix for SF Oracle RAC.

Table 1-8 Solaris x64 support matrix for SF Oracle RAC

SF Oracle RAC	Solaris x64	9iR2	10gR1	10gR2	11gR1	11gR2
6.0.5	11	Not supported	Not supported	Not supported	Not supported	11.2.0.3 [§] 11.2.0.4 ^{§, \$\$\$}
6.0.5	10	Not supported	Not supported	10.2.0.5	Not supported	11.2.0.3 [§] 11.2.0.4 ^{§, \$\$\$}
6.0.3	11	Not supported	Not supported	Not supported	Not supported	11.2.0.3 [§] 11.2.0.4 ^{§, \$\$\$}
6.0.3	10	Not supported	Not supported	10.2.0.5	Not supported	11.2.0.3 [§] 11.2.0.4 ^{§, \$\$\$}
6.0.1	11	Not supported	Not supported	Not supported	Not supported	11.2.0.3 [§]

Table 1-8 Solaris x64 support matrix for SF Oracle RAC (continued)

SF Oracle RAC	Solaris x64	9iR2	10gR1	10gR2	11gR1	11gR2
6.0.1	10	Not supported	Not supported	10.2.0.5	Not supported	11.2.0.3 [§]
6.0	10	Not supported	Not supported	10.2.0.5	Not supported	11.2.0.3 [§]
5.1 SP1	10	Not supported	Not supported	10.2.0.3 10.2.0.4 10.2.0.5	Not supported	11.2.0.1 11.2.0.2 [§] 11.2.0.3 [§] and \$\$ 11.2.0.4 [§] , \$\$\$, **
5.1	10	Not supported	Not supported	10.2.0.3 10.2.0.4 10.2.0.5	Not supported	11.2.0.1† 11.2.0.2† and \$
5.0 MP3	10	Not supported	10.1.0.4	10.2.0.2 - 10.2.0.5	Not supported	11.2.0.1* 11.2.0.2* and \$
5.0	10	Not supported	Not supported	10.2.0.2 - 10.2.0.4	Not supported	Not supported
4.1 MP1	10	Not supported	10.1.0.3	10.2.0.2 - 10.2.0.4	Not supported	Not supported

Cluster Volume Manager supported with Oracle Automatic Storage Management (ASM) with Oracle 10.2.0.2 and higher for Storage Foundation for Oracle RAC versions 5.0 and higher

* Requires SF Oracle RAC 5.0 MP3 RP4 and later

† Requires SF Oracle RAC 5.1 RP1 and later

§ See the following Technote:

<http://www.symantec.com/business/support/index?page=content&id=TECH145261>

\$\$ Requires ODM patch. See Tech Alert::

<http://www.symantec.com/business/support/index?page=content&id=TECH173597>

\$\$\$ Requires Oracle patch, Patch 17501491: ODM API version is not correct for ODM_MKDIR call in 11.2.0.4.0.

** Requires SF Oracle RAC 5.1SP1 RP4 and later.

Support matrix for virtual environments

SF Oracle RAC supports the following Solaris virtual environments:

Oracle VM Server for SPARC See [“Oracle VM Server for SPARC support matrix for SF Oracle RAC”](#) on page 27.

Oracle Solaris Containers See [“Oracle Solaris Containers support matrix for SF Oracle RAC”](#) on page 28.

Oracle VM Server for SPARC support matrix for SF Oracle RAC

[Table 1-9](#) describes the support matrix for Oracle VM Server for SPARC virtual environments.

Table 1-9 Oracle VM Server for SPARC support matrix for SF Oracle RAC

SF Oracle RAC	Solaris SPARC	Oracle VM Server for SPARC	10gR2	11gR2	12c
6.1.1	11	3.0 3.1	Not supported	11.2.0.4 ^{\$} and ^{\$\$\$}	12.1.0.1 ^{\$}
6.1.1	10	3.0 3.1	Not supported	11.2.0.4 ^{\$} and ^{\$\$\$}	12.1.0.1 ^{\$}
6.1	11	3.0 3.1	Not supported	11.2.0.4 ^{\$} and ^{\$\$\$}	12.1.0.1 ^{\$}
6.1	10	3.0 3.1	Not supported	11.2.0.4 ^{\$} and ^{\$\$\$}	12.1.0.1 ^{\$}
6.0.3	11	3.0 3.1	Not supported	11.2.0.3 ^{\$} 11.2.0.4 ^{\$} and ^{\$\$\$}	12.1.0.1 [^] and ^{\$}
6.0.1	11	2.2 2.1 2.0	Not supported	11.2.0.3 ^{\$}	Not supported
6.0.1	10	2.2 2.1 2.0	10.2.0.5	11.2.0.2 ^{\$} 11.2.0.3 ^{\$}	Not supported

Table 1-9 Oracle VM Server for SPARC support matrix for SF Oracle RAC
(continued)

SF Oracle RAC	Solaris SPARC	Oracle VM Server for SPARC	10gR2	11gR2	12c
6.0	10	2.1 2.0	10.2.0.5	11.2.0.2 ^{\$} 11.2.0.3 ^{\$}	Not supported
5.1 SP1	10	2.0	10.2.0.4 10.2.0.5	11.2.0.1 11.2.0.2 ^{\$} 11.2.0.3 ^{\$} and ^{\$\$}	Not supported
5.1 SP1	9	2.0	10.2.0.4 10.2.0.5	Not supported	Not supported

^{\$} See the following Technote:

<http://www.symantec.com/business/support/index?page=content&id=TECH145261>

^{\$\$} Requires ODM patch. See Tech Alert::

<http://www.symantec.com/business/support/index?page=content&id=TECH173597>

^{\$\$\$} Requires Oracle patch, Patch 17501491: ODM API version is not correct for ODM_MKDIR call in 11.2.0.4.0. Additionally, to resolve OUI issues during the Oracle Grid Infrastructure 11.2.0.4 installation with SF Oracle RAC, see the following technote: <http://www.symantec.com/docs/TECH213369>

[^] Patches are required for ODM. For details, please refer to the following technote:

<http://www.symantec.com/docs/TECH210620>

Oracle Solaris Containers support matrix for SF Oracle RAC

Table 1-9 describes the support matrix for Oracle Solaris Containers (Zones) virtual environments.

Table 1-10 Oracle Solaris Containers support matrix for SF Oracle RAC

SF Oracle RAC	Solaris SPARC	10gR2	11gR2
6.0.3	10	10.2.0.5	11.2.0.3 ^{\$} and ^{\$\$}
6.0.1	10	10.2.0.5	11.2.0.2 ^{\$} 11.2.0.3 ^{\$}

Table 1-10 Oracle Solaris Containers support matrix for SF Oracle RAC
(continued)

SF Oracle RAC	Solaris SPARC	10gR2	11gR2
5.1 SP1 RP2	10	10.2.0.4 10.2.0.5	11.2.0.1 11.2.0.2 ^{\$} 11.2.0.3 ^{\$} and ^{\$\$}

^{\$} See the following Technote:

<http://www.symantec.com/business/support/index?page=content&id=TECH145261>

^{\$\$} Requires ODM patch. See Tech Alert::

<http://www.symantec.com/business/support/index?page=content&id=TECH173597>

Oracle single instance support matrix

This chapter includes the following topics:

- [About Oracle single instance support matrix](#)
- [AIX - Oracle single instance support matrix for Veritas Storage Foundation High Availability](#)
- [HP-UX \(IA\) - Oracle single instance support matrix for Veritas Storage Foundation High Availability](#)
- [HP-UX \(PA\) - Oracle single instance support matrix for Veritas Storage Foundation High Availability](#)
- [Linux - Oracle single instance support matrix for Storage Foundation High Availability](#)
- [Solaris SPARC - Oracle single instance support matrix for Veritas Storage Foundation High Availability](#)
- [Solaris x64 - Oracle single instance support matrix for Veritas Storage Foundation High Availability](#)

About Oracle single instance support matrix

This section lists the Oracle single instance versions supported with Storage Foundation High Availability and Storage Foundation for Databases (SFDB) tools. The following matrices also apply to Oracle single instance with Storage Foundation Cluster File System HA.

AIX - Oracle single instance support matrix for Veritas Storage Foundation High Availability

Table 2-1 lists the Oracle single instance version and AIX combinations supported with Veritas Storage Foundation High Availability and SFDB tools. Unless otherwise specified, you can use the SFDB tools with the following Oracle versions. You can also run Oracle with ODM, VxFS and VxVM without invoking the SFDB tools.

Table 2-1 Oracle single instance support on AIX

SFHA	AIX	10gR2 10.2(64-bit)	11gR1 11.1 (64-bit)	11gR2 11.2 (64-bit)	12c (64-bit)
6.2.1	7.1	Not supported	Not supported	Supported [7] [8]	Supported [9] [10] [11]
6.2.1	6.1	Supported [3]	Supported	Supported [7] [8]	Supported [9] [10] [11]
6.2	7.1	Not supported	Not supported	Supported [7] [8]	Supported [9] [10] [11]
6.2	6.1	Supported [3]	Supported	Supported [7] [8]	Supported [9] [10] [11]
6.1.1	7.1	Not supported	Not supported	Supported [7] [8]	Supported [9] [10] [11]
6.1.1	6.1	Supported [3]	Supported	Supported [7] [8]	Supported [9] [10] [11]
6.1	7.1	Not supported	Not supported	Supported [7] [8]	Not supported
6.1	6.1	Supported [3]	Supported	Supported [7] [8]	Not supported
6.0.5	7.1	Not supported	Not supported	Supported [7] [8]	Supported [9] [10] [11]
6.0.5	6.1	Supported [3]	Supported	Supported [7] [8]	Supported [9] [10] [11]
6.0.3	7.1	Not supported	Not supported	Supported [7] [8]	Not supported
6.0.3	6.1	Supported [3]	Supported	Supported [7] [8]	Not supported
6.0.1	7.1	Not supported	Not supported	supported [2]	Not supported
6.0.1	6.1	Supported [3]	Supported	Supported [2]	Not supported

Table 2-1 Oracle single instance support on AIX (*continued*)

SFHA	AIX	10gR2 10.2(64-bit)	11gR1 11.1 (64-bit)	11gR2 11.2 (64-bit)	12c (64-bit)
6.0	7.1	Not supported	Not supported	Supported [2]	Not supported
6.0	6.1	Supported [3]	Supported	Supported [2]	Not supported
5.1 SP1RP4	7.1	Not supported	Not supported	Supported [7] [8]	Not supported
5.1 SP1RP4	5.3 6.1	Supported	Supported	Supported [7] [8]	Not supported
5.1 SP1RP3	7.1	Not supported	Not supported	Supported [2][5]	Not supported
5.1 SP1RP3	5.3 6.1	Supported	Supported	Supported [2][5]	Not supported
5.1 SP1RP2	7.1	Not supported	Not supported	Supported [2][5]	Not supported
5.1 SP1RP2	5.3 6.1	Supported	Supported	Supported [2][5]	Not supported
5.1 SP1RP1	5.3 6.1	Supported	Supported	Supported [2][5]	Not supported
5.1 SP1	5.3 6.1	Supported	Supported	Supported [2][4]	Not supported
5.1 RP2	5.3 6.1	Supported	Supported	Supported [4][6]	Not supported
5.1	6.1	Supported	Supported	Supported [4][6]	Not supported
5.1	5.3	Supported	Supported	Supported [4][6]	Not supported
5.0 MP3	6.1	Supported	Supported	Supported [4][6]	Not supported
5.0 MP3	5.3	Supported	Supported	Supported [4][6]	Not supported

[2] Oracle 11g R2 11.2.0.3, 11.2.0.2 and 11.2.0.1 are supported.

[3] SFDB tools are only supported with Oracle 10g R2 10.2.0.5.

[4] SFDB tools are only supported with Oracle 11g R2 11.2.0.1.

[5] SFDB tools are only supported with Oracle 11g R2 11.2.0.2 and 11.2.0.1.

[6] Oracle 11g R2 11.2.0.2 and 11.2.0.1 are supported.

[7] Oracle 11g R2 11.2.0.4, 11.2.0.3, 11.2.0.2 and 11.2.0.1 are supported.

[8] Requires Oracle patch "Patch 17501491: ODM API version is not correct for ODM_MKDIR call in 11.2.0.4.0", when SF ODM is used with oracle version 11.2.0.4.

[9] Oracle 12c version 12.1.0.1 is supported.

[10] Oracle 12c version 12.1.0.2 is supported.

[11] Requires linking with Veritas Extension for Oracle Disk Manager (ODM) with Oracle database 12.1.0.2. For details, see the following TechNote:

<http://www.symantec.com/docs/TECH225500>

HP-UX (IA) - Oracle single instance support matrix for Veritas Storage Foundation High Availability

The following table lists the Oracle single instance version and HP-UX (IA) combinations supported with Veritas Storage Foundation High Availability and SFDB tools. Unless otherwise specified, you can use the SFDB tools with the following Oracle versions. You can also run Oracle with ODM, VxFS and VxVM without invoking the SFDB tools.

Table 2-2 Oracle single instance support on HP-UX (IA)

SFHA	HP-UX (IA)	Database (64-bit)							
		9i R2	10g R1	10g R2	11gR1	11g R2	12c R1	12c R2	19c
6.1 [11]	11iv3	x	x	✓ [3]	✓	✓ [4] [6]	✓ [7] [8] [9]	✓ [9] [11] [13]	✓ [9] [11] [14] [15]
6.0.5	11iv3	x	x	✓ [3]	✓	✓ [4] [6]	✓ [7] [8] [9]	x	x
6.0.3	11iv3	x	x	✓ [3]	✓	✓ [4] [6]	x	x	x
6.0.1	11iv3	x	x	✓ [3]	✓	✓ [4]	x	x	x
6.0	11i v3	x	x	✓ [3]	✓	✓ [4]	x	x	x
5.1 SP1 RP3	11i v3	x	x	✓	✓	✓ [4] [6] [10]	✓ [8] [11] [12]	x	✓ [9] [11] [14] [16]
5.1 SP1 RP2	11i v3	x	x	✓	✓	✓ [4] [6]	x	x	x
5.1 SP1RP1	11i v3	x	x	✓	✓	✓ [2] [4] [6]	x	x	x

Table 2-2 Oracle single instance support on HP-UX (IA) (continued)

SFHA	HP-UX (IA)	Database (64-bit)							
		9i R2	10g R1	10g R2	11gR1	11g R2	12c R1	12c R2	19c
5.1 SP1	11i v3	x	x	✓	✓	✓ [2] [4] [6]	x	x	x
5.0.1 RP3	11i v3	✓	✓	✓	✓	✓ [2] [4]	x	x	x
5.0.1 RP2	11i v3	✓	✓	✓	✓	✓ [2] [4]	x	x	x
5.0.1 RP1	11i v3	✓	✓	✓	✓	✓ [1] [4]	x	x	x
5.0.1	11i v3	✓	✓	✓	✓	x	x	x	x
5.0 MP2 RP3	11i v2	✓	✓	✓	✓	x	x	x	x
5.0 MP1	11i v3	✓	✓	✓	✓	✓ [1] [5]	x	x	x

1. SFDB tools are supported with Oracle 11g R2 version 11.2.0.1 only
2. SFDB tools are supported with Oracle 11g R2 versions 11.2.0.1 and 11.2.0.2 only
3. SFDB tools are supported with Oracle 10g R2 version 10.2.0.5 only
4. Oracle 11g R2 versions 11.2.0.3, 11.2.0.2, and 11.2.0.1 are supported
5. Oracle 11g R2 versions 11.2.0.2 and 11.2.0.1 are supported
6. Oracle 11g R2 version 11.2.0.4 is supported with the Oracle patch 17501491 (ODM API version is not correct for ODM_MKDIR call in 11.2.0.4.0)
7. Oracle 12c version 12.1.0.1 is supported
8. Oracle 12c version 12.1.0.2 is supported
9. Requires linking with Veritas Extension for Oracle Disk Manager (ODM) with Oracle database 12.1.0.2 or later.

For details, refer to the TechNote at:

https://www.veritas.com/content/support/en_US/article.100014296.html

10. Oracle 11g R2 version 11.2.0.4 is supported
11. Applicable only to an HP-UX (OEM) release
12. Requires the PHCO_44786 patch for DBED functionality
13. Requires the PHKL_44809 patch for DBED functionality

- 14. Requires Oracle Patch p30404521_190000_HPUX-IA64.zip
- 15. Requires the PHCO_44840 patch for DBED functionality
- 16. Requires the PHCO_44845 patch for DBED functionality

HP-UX (PA) - Oracle single instance support matrix for Veritas Storage Foundation High Availability

Table 2-3 lists the Oracle single instance version and HP-UX (PA) combinations supported with Veritas Storage Foundation High Availability and SFDB tools. Unless otherwise specified, you can use the SFDB tools with the following Oracle versions. You can also run Oracle with ODM, VxFS and VxVM without invoking the SFDB tools.

Table 2-3 Oracle single instance support on HP-UX (PA)

SFHA	HP-UX (PA)	9iR2 9.2 (64-bit)	10gR1 10.1 (64-bit)	10gR2 10.2 (64-bit)	11gR1 11.1(64-bit)	11gR2 11.2 (64-bit)
6.0	11i v3	Not supported	Not supported	Supported [3]	Supported	Supported [4]
5.1 SP1RP1	11i v3	Not supported	Not supported	Supported	Supported	Supported [2][4]
5.1 SP1	11i v3	Not supported	Not supported	Supported	Supported	Supported [2][4]
5.0.1 RP3	11i v3	Supported	Supported	Supported	Supported	Supported [2][4]
5.0.1 RP2	11i v3	Supported	Supported	Supported	Supported	Supported [1][4]
5.0.1 RP1	11i v3	Supported	Supported	Supported	Supported	Not supported
5.0.1	11i v3	Supported	Supported	Supported	Supported	Not supported
5.0 MP2RP3	11i v2	Supported	Supported	Supported	Supported	Not supported
5.0 MP1	11i v3	Supported	Supported	Supported	Supported	Supported [5]

[1] SFDB tools are only supported with Oracle 11g R2 11.2.0.1.

[2] SFDB tools are only supported with Oracle 11g R2 11.2.0.1 and 11.2.0.2.

[3] SFDB tools are only supported with Oracle 10g R2 10.2.0.5.

[4] Oracle 11g R2 11.2.0.3, 11.2.0.2 and 11.2.0.1 are supported.

[5] Oracle 11g R2 11.2.0.2 and 11.2.0.1 are supported. SFDB tools are not supported.

Linux - Oracle single instance support matrix for Storage Foundation High Availability

Table 2-4 lists the Oracle single instance version and Linux combinations supported with Storage Foundation High Availability and SFDB tools. Unless otherwise specified, you can use the SFDB tools with the following Oracle versions. You can also run Oracle with ODM, VxFS and VxVM without invoking the SFDB tools.

Table 2-4 Oracle single instance support on Linux

SFHA	Linux (AMD Opteron 64 bit/Intel Xeon EM64T)	10gR2 10.2(64-bit)	11gR1 11.1 (64-bit)	11gR2 11.2 (64-bit)	12c (64-bit)
6.2.1	RHEL7 OEL7	Not Supported	Not Supported	Supported [10] [15] [22]	Supported [18] [19] [23] [25]
6.2.1	RHEL6 OEL6	Not Supported	Not Supported	Supported [10] [14] [15]	Supported [17] [18] [19]
6.2.1	SLES11	Supported [5][10]	Supported [10] [16]	Supported [10] [14] [15]	Supported [17] [18] [19]
6.2.1	SLES 12	Not Supported	Not Supported	Not Supported	Supported [23] [24]
6.2	RHEL7 OEL7	Not Supported	Not Supported	Supported [10] [15] [22]	Supported [18] [19]
6.2	RHEL6 OEL6	Not Supported	Not Supported	Supported [10] [14] [15]	Supported [17] [18] [19]
6.2	SLES11	Supported [5][10]	Supported [10] [16]	Supported [10] [14] [15]	Supported [17] [18] [19]
6.1.1	RHEL6 OEL6	Not Supported	Not Supported	Supported [10] [14] [15]	Supported [17] [18] [19] [21]
6.1.1	RHEL5 OEL5	Supported [5][10]	Supported [10] [16]	Supported [10] [14] [15]	Supported [17] [18] [19]

Table 2-4 Oracle single instance support on Linux (*continued*)

SFHA	Linux (AMD Opteron 64 bit/Intel Xeon EM64T)	10gR2 10.2(64-bit)	11gR1 11.1 (64-bit)	11gR2 11.2 (64-bit)	12c (64-bit)
6.1.1	SLES11	Supported [5][10]	Supported [10] [16]	Supported [10] [14] [15]	Supported [17] [18] [19] [21]
6.1	RHEL6 OEL6	Not Supported	Not Supported	Supported [10] [14] [15]	Supported [17]
6.1	RHEL5 OEL5 SLES11	Supported [5][10]	Supported [10] [16]	Supported [10] [14] [15]	Supported [17]
6.0.5	RHEL6 OEL6	Not Supported	Not Supported	Supported [10] [14] [15]	Supported [17] [18] [19] [20]
6.0.5	RHEL5 OEL5	Supported [5][10]	Supported [10]	Supported [10] [14] [15]	Supported [17] [18] [19]
6.0.5	SLES11	Supported [5][10]	Supported [10]	Supported [10] [14] [15]	Supported [17] [18] [19] [20]
6.0.5	SLES10	Supported [5][10]	Supported [10]	Supported [10] [14] [15]	Not Supported
6.0.4	SLES11	Supported [5][10]	Supported [10]	Supported [10][14][15]	Supported [17]
6.0.3	RHEL6 OEL6	Not Supported	Not Supported	Supported [10] [14] [15]	Supported [13] [17]
6.0.3	RHEL5 OEL5 SLES11	Supported [5][10]	Supported [10]	Supported [10] [14] [15]	Supported [13] [17]
6.0.3	SLES10	Supported [5][10]	Supported [10]	Supported [10] [14] [15]	Not Supported
6.0.2	RHEL6 OEL6	Not Supported	Not Supported	Supported [9] [10]	Not Supported

Table 2-4 Oracle single instance support on Linux (*continued*)

SFHA	Linux (AMD Opteron 64 bit/Intel Xeon EM64T)	10gR2 10.2(64-bit)	11gR1 11.1 (64-bit)	11gR2 11.2 (64-bit)	12c (64-bit)
6.0.2	RHEL5 OEL5 SLES10 SLES11	Supported [5][10]	Supported [10]	Supported [10]	Not Supported
6.0.1	RHEL6	Not Supported	Not Supported	Supported [9] [11]	Not Supported
6.0.1	RHEL5 OEL5 SLES10 SLES11	Supported [5]	Supported	Supported [4]	Not Supported
6.0	RHEL6	Not supported	Not supported	Supported [9] [12]	Not Supported
6.0	RHEL5 OEL5 SLES10 SLES11	Supported [5]	Supported	Supported [4]	Not Supported
5.1 SP1RP4	RHEL6	Not supported	Not supported	Supported [9] [14] [15]	Not Supported
5.1 SP1RP4	RHEL5 OEL5 SLES10 SLES11	Supported	Supported	Supported [4] [14] [15]	Not Supported
5.1 SP1RP3	RHEL6	Not supported	Not supported	Supported [9] [12]	Not Supported
5.1 SP1RP3	RHEL5 OEL5 SLES10 SLES11	Supported	Supported	Supported [4][7]	Not Supported
5.1 SP1RP2	RHEL6	Not supported	Not supported	Supported [9] [12]	Not Supported

Table 2-4 Oracle single instance support on Linux (*continued*)

SFHA	Linux (AMD Opteron 64 bit/Intel Xeon EM64T)	10gR2 10.2(64-bit)	11gR1 11.1 (64-bit)	11gR2 11.2 (64-bit)	12c (64-bit)
5.1 SP1RP2	RHEL5 OEL5 SLES10 SLES11	Supported	Supported	Supported [4][7]	Not Supported
5.1 SP1RP1	SLES11	Supported	Supported	Supported [1][4][7]	Not Supported
5.1 SP1RP1	RHEL5 OEL5 SLES10	Supported	Supported	Supported [4][7]	Not Supported
5.1 SP1	SLES11	Supported	Supported	Supported [1][4][6]	Not Supported
5.1 SP1	RHEL5 OEL5 SLES10	Supported	Supported	Supported [4][6]	Not Supported
5.1 5.1 RP2	SLES11	Not supported	Not supported	Not supported	Not Supported
5.1 RP2	RHEL5 OEL5 SLES10	Supported	Supported	Supported [6][8]	Not Supported
5.1	RHEL5 OEL5 SLES10	Supported	Supported	Supported [6][8]	Not Supported

Table 2-4 Oracle single instance support on Linux (*continued*)

SFHA	Linux (AMD Opteron 64 bit/Intel Xeon EM64T)	10gR2 10.2(64-bit)	11gR1 11.1 (64-bit)	11gR2 11.2 (64-bit)	12c (64-bit)
5.0 MP4	OEL4 OEL5 RHEL4 RHEL5 [1] SLES10 [2] SLES11	Supported	Supported	Supported [6][8]	Not Supported
5.0 MP4	SLES9	Supported	Not supported	Supported [6][8]	Not Supported

[1] This configuration is also supported on the RHEL5 PowerPC platform.

[2] This configuration is also supported on the SLES10 PowerPC platform.

[4] Oracle 11g R2 11.2.0.3, 11.2.0.2 and 11.2.0.1 are supported.

[5] SFDB tools are only supported with Oracle 10g R2 10.2.0.5.

[6] SFDB tools are only supported with Oracle 11g R2 11.2.0.1.

[7] SFDB tools are only supported with Oracle 11g R2 11.2.0.2 and 11.2.0.1.

[8] Oracle 11g R2 11.2.0.2 and 11.2.0.1 are supported.

[9] Oracle 11g R2 version 11.2.0.3 is supported.

[10] This configuration supports Symantec High Availability wizard configuration for Oracle.

[11] SFDB tools are supported with Oracle 11gR2 11.2.0.2 and 11.2.0.3.

[12] SFDB tools are not supported with Oracle 11gR2 11.2.0.2 and 11.2.0.3.

[13] Patches are required for ODM, and SFDB tools. For details, please refer to the following tech note: <http://www.symantec.com/docs/TECH210620>

[14] Oracle 11gR2 version 11.2.0.3 and 11.2.0.4 are supported.

[15] Requires Oracle patch "Patch 17501491: ODM API version is not correct for ODM_MKDIR call in 11.2.0.4", when SF ODM is used with oracle version 11.2.0.4.

[16] SFDB tools are not supported for 11gR1 11.1.

[17] Oracle 12c version 12.1.0.1 is supported.

[18] Oracle 12c version 12.1.0.2 is supported.

[19] Requires linking with Veritas Extension for Oracle Disk Manager (ODM) with Oracle database 12.1.0.2. For details, see the following TechNote:<http://www.symantec.com/docs/TECH225500>

[20] Requires VRTSvxfs patch. For details, see Tech Alert:
<https://sort.symantec.com/patch/detail/9011>
<https://sort.symantec.com/patch/detail/9010>

[21] Requires VRTSvxfs patch. For details, see Tech Alert:
<https://sort.symantec.com/patch/detail/9246>
<https://sort.symantec.com/patch/detail/9247>

[22] Oracle 11g R2 version 11.2.0.4 is supported.

[23] Oracle 12c R2 version 12.2.0.1 is supported.

[24] Requires VRTSvsea-6.2.1.203-SLES12.i686 or a later patch to install Oracle 12c R2 version 12.2.0.1 on SLES 12.

[25] Requires VRTSvsea-6.2.1.203-RHEL7.i686 or a later patch to install Oracle 12c R2 version 12.2.0.1 on RHEL 7.

Solaris SPARC - Oracle single instance support matrix for Veritas Storage Foundation High Availability

Table 2-5 lists the Oracle single instance version and Solaris SPARC combinations supported with Veritas Storage Foundation High Availability and SFDB tools. Unless otherwise specified, you can use the SFDB tools with the following Oracle versions. You can also run Oracle with ODM, VxFS and VxVM without invoking the SFDB tools.

Table 2-5 Oracle single instance support on Solaris SPARC

SFHA	Solaris SPARC	9iR2 9.2 (32-bit)	9iR2 9.2 (64-bit)	10gR1 10.1 (64-bit)	10gR2 10.2 (64-bit)	11gR1 11.1(64-bit)	11gR2 11.2 (64-bit)	12c (64-bit)
6.2.1	11 (64-bit)	Not Supported	Not Supported	Not Supported	Not Supported	Not Supported	Supported [11] [14]	Supported [15] [16] [17]
6.2.1	10 (64-bit)	Not Supported	Not Supported	Not Supported	Supported [6]	Supported [12]	Supported [13] [14]	Supported [15] [16] [17]

Table 2-5 Oracle single instance support on Solaris SPARC (continued)

SFHA	Solaris SPARC	9iR2 9.2 (32-bit)	9iR2 9.2 (64-bit)	10gR1 10.1 (64-bit)	10gR2 10.2 (64-bit)	11gR1 11.1(64-bit)	11gR2 11.2 (64-bit)	12c (64-bit)
6.2	11 (64-bit)	Not Supported	Not Supported	Not Supported	Not Supported	Not Supported	Supported [11] [14]	Supported [15] [16] [17]
6.2	10 (64-bit)	Not Supported	Not Supported	Not Supported	Supported [6]	Supported [12]	Supported [13] [14]	Supported [15] [16] [17]
6.1.1	11 (64-bit)	Not Supported	Not Supported	Not Supported	Not Supported	Not Supported	Supported [11] [14]	Supported [15] [16] [17]
6.1.1	10 (64-bit)	Not Supported	Not Supported	Not Supported	Supported [6]	Supported [12]	Supported [13] [14]	Supported [15] [16] [17]
6.1	11 (64-bit)	Not Supported	Not Supported	Not Supported	Not Supported	Not Supported	Supported [11] [14]	Supported [15]
6.1	10 (64-bit)	Not Supported	Not Supported	Not Supported	Supported [6]	Supported [12]	Supported [13] [14]	Supported [15]
6.0.5	11 (64-bit)	Not Supported	Not Supported	Not Supported	Not Supported	Not Supported	Supported [11] [14]	Supported [15] [16] [17]
6.0.5	10 (64-bit)	Not Supported	Not Supported	Not Supported	Supported [6]	Supported [12]	Supported [13] [14]	Supported [15] [16] [17]
6.0.3	11 (64-bit)	Not Supported	Not Supported	Not Supported	Not Supported	Not Supported	Supported [11] [14]	Supported [10] [15]
6.0.3	10 (64-bit)	Not Supported	Not Supported	Not Supported	Supported [6]	Supported [12]	Supported [13] [14]	Supported [10] [15]
6.0.1	11 (64-bit)	Not Supported	Not Supported	Not Supported	Not Supported	Not Supported	Supported	Not Supported
6.0.1	10 (64-bit)	Not Supported	Not Supported	Not Supported	Supported [6]	Supported	Supported [5]	Not Supported
6.0	10 (64-bit)	Not supported	Not supported	Not supported	Supported [6]	Supported	Supported [5]	Not Supported
5.1 SP1RP4	9 (64-bit) 10 (64-bit)	Not supported	Not supported	Not supported	Supported	Supported	Supported [4][13] [14]	Not Supported
5.1 SP1RP3	9 (64-bit) 10 (64-bit)	Not supported	Not supported	Not supported	Supported	Supported	Supported [4][5][8]	Not Supported

Table 2-5 Oracle single instance support on Solaris SPARC (continued)

SFHA	Solaris SPARC	9iR2 9.2 (32-bit)	9iR2 9.2 (64-bit)	10gR1 10.1 (64-bit)	10gR2 10.2 (64-bit)	11gR1 11.1(64-bit)	11gR2 11.2 (64-bit)	12c (64-bit)
5.1 SP1RP2	9 (64-bit) 10 (64-bit)	Not supported	Not supported	Not supported	Supported	Supported	Supported [4][5][8]	Not Supported
5.1 SP1RP1	9 (64-bit) 10 (64-bit)	Not supported	Not supported	Not supported	Supported	Supported	Supported [4][5][8]	Not Supported
5.1 SP1	9 (64-bit) 10 (64-bit)	Not supported	Not supported	Not supported	Supported	Supported	Supported [4][5][7]	Not Supported
5.1 RP2	9 (64-bit) 10 (64-bit)	Not supported	Supported [1]	Supported	Supported	Supported	Supported [4][7][9]	Not Supported
5.1 RP2	9 (32-bit)	Supported [3]	Not supported	Not supported	Not supported	Not supported	Not supported	Not Supported
5.1	9 (64-bit) 10 (64-bit)	Supported [1]	Supported [1]	Supported	Supported	Supported	Supported [4][7][9]	Not Supported
5.1	9 (32-bit)	Supported [1]	Not supported	Not supported	Not supported	Not supported	Not supported	Not Supported
5.0 MP3	9 (64-bit) 10 (64-bit)	Supported	Supported	Supported	Supported	Supported	Supported [4][5][7]	Not Supported
5.0 MP3	9 (32-bit)	Supported	Not supported	Not supported	Not supported	Not supported	Not supported	Not Supported
5.0 MP3	8 (64-bit)	Supported	Supported	Supported	Not supported	Not supported	Not supported	Not Supported
5.0 MP3	8 (32-bit)	Not supported	Supported	Supported	Not supported	Not supported	Not supported	Not Supported

[1] ODM is not supported on Oracle 9i.

[3] SFDB tools are not supported; you can run Oracle with VxFS and VxVM. ODM is not supported on Oracle 9i.

[4] This configuration is only supported on Solaris 10 (64-bit).

[5] Oracle 11g R2 11.2.0.3, 11.2.0.2 and 11.2.0.1 are supported.

[6] SFDB tools are only supported with Oracle 10g R2 10.2.0.5.

- [7] SFDB tools are only supported with Oracle 11g R2 11.2.0.1.
- [8] SFDB tools are only supported with Oracle 11g R2 11.2.0.2 and 11.2.0.1.
- [9] Oracle 11g R2 11.2.0.2 and 11.2.0.1 are supported.
- [10] Patches are required for ODM, and SFDB tools. For details, please refer to the following tech note: <http://www.symantec.com/docs/TECH210620>
- [11] Oracle 11.2.0.3 and 11.2.0.4 are supported.
- [12] SFDB tools are not supported.
- [13] Oracle 11g R2 11.2.0.4, 11.2.0.3, 11.2.0.2 and 11.2.0.1 are supported.
- [14] Requires Oracle patch "Patch 17501491: ODM API version is not correct for ODM_MKDIR call in 11.2.0.4.0", when SF ODM is used with oracle version 11.2.0.4.
- [15] Oracle 12c version 12.1.0.1 is supported.
- [16] Oracle 12c version 12.1.0.2 is supported.
- [17] Requires linking with Veritas Extension for Oracle Disk Manager (ODM) with Oracle database 12.1.0.2. For details, see the following TechNote:<http://www.symantec.com/docs/TECH225500>

Solaris x64 - Oracle single instance support matrix for Veritas Storage Foundation High Availability

Table 2-6 lists the Oracle single instance version and Solaris x64 combinations supported with Veritas Storage Foundation High Availability and SFDB tools. Unless otherwise specified, you can use the SFDB tools with the following Oracle versions. You can also run Oracle with ODM, VxFS and VxVM without invoking the SFDB tools.

Table 2-6 Oracle single instance support on Solaris x64

SFHA	Solaris x64	10gR1 10.1 (64-bit)	10gR2 10.2 (64-bit)	11gR2 11.2 (64-bit)	12c (64-bit)
6.0.5	11 (64-bit)	Not Supported	Not Supported	Supported [7] [9]	Supported [10] [11] [12]
6.0.5	10 (64-bit)	Not Supported	Supported [3]	Supported [8] [9]	Supported [10] [11] [12]
6.0.3	11 (64-bit)	Not Supported	Not Supported	Supported [7] [9]	Supported [6] [10]
6.0.3	10 (64-bit)	Not Supported	Supported [3]	Supported [8] [9]	Supported [6] [10]

Table 2-6 Oracle single instance support on Solaris x64 (continued)

SFHA	Solaris x64	10gR1 10.1 (64-bit)	10gR2 10.2 (64-bit)	11gR2 11.2 (64-bit)	12c (64-bit)
6.0.1	11 (64-bit)	Not Supported	Not Supported	Supported	Not Supported
6.0.1	10 (64-bit)	Not Supported	Supported [3]	Supported [2]	Not Supported
6.0	10 (64-bit)	Not supported	Supported [3]	Supported [2]	Not Supported
5.1 SP1RP4	10 (64-bit)	Not supported	Supported	Supported [8] [9]	Not Supported
5.1 SP1RP3	10 (64-bit)	Not supported	Supported	Supported [2][5]	Not Supported
5.1 SP1RP2	10 (64-bit)	Not supported	Supported	Supported [2][5]	Not Supported
5.1 SP1RP1	10 (64-bit)	Not supported	Supported	Supported [2][5]	Not Supported
5.1 SP1	10 (64-bit)	Not supported	Supported	Supported [2][4]	Not Supported
5.1 RP2	10 (64-bit)	Supported	Supported	Supported [1][4]	Not Supported
5.1	10 (64-bit)	Supported	Supported	Supported [1][4]	Not Supported
5.0 MP3	10 (64-bit)	Supported	Supported	Supported [1][4]	Not Supported

- [1] Oracle 11g R2 11.2.0.2 and 11.2.0.1 are supported.
- [2] Oracle 11g R2 11.2.0.3, 11.2.0.2 and 11.2.0.1 are supported.
- [3] SFDB tools are only supported with Oracle 10g R2 10.2.0.5.
- [4] SFDB tools are only supported with Oracle 11g R2 11.2.0.1.
- [5] SFDB tools are only supported with Oracle 11g R2 11.2.0.2 and 11.2.0.1.
- [6] Patches are required for ODM, and SFDB tools. For details, please refer to the following tech note: <http://www.symantec.com/docs/TECH210620>
- [7] Oracle 11g R2 11.2.0.3 and 11.2.0.4 are supported.
- [8] Oracle 11g R2 11.2.0.4, 11.2.0.3, 11.2.0.2 and 11.2.0.1 are supported.
- [9] Requires Oracle patch "Patch 17501491: ODM API version is not correct for ODM_MKDIR call in 11.2.0.4", when SF ODM is used with oracle version 11.2.0.4.
- [10] Oracle 12c version 12.1.0.1 is supported.
- [11] Oracle 12c version 12.1.0.2 is supported.
- [12] Requires linking with Veritas Extension for Oracle Disk Manager (ODM) with Oracle database 12.1.0.2. For details, see the following TechNote:<http://www.symantec.com/docs/TECH225500>