

Veritas Storage Foundation[™] for Oracle RAC README

HP-UX 11i v3

5.0 Rolling Patch 1



Veritas Storage Foundation for Oracle RAC README

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Veritas Storage Foundation for Oracle RAC README

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Introduction

This document provides important information about the Veritas Storage Foundation™ for Oracle RAC 5.0 Rolling Patch 1. Review this entire document before installing the patch.

Before getting started

Refer to the *Veritas Storage Foundation for Oracle RAC 5.0 HP-UX 11iv3 Installation and Configuration Guide* for installing SF Oracle RAC 5.0. SF Oracle RAC 5.0 RP1 contains PVKL_03842 patch.

Note: Removing SF Oracle RAC 5.0 RP1 takes the system back to SF Oracle RAC 5.0, as per the previous configuration.

What's new in this patch

SF Oracle RAC 5.0 RP1 provides support to Oracle 10g Release2 (10.2.0.4).

Installing SF Oracle RAC 5.0 RP1

Perform the following steps to install SF Oracle RAC 5.0 RP1 on SF Oracle RAC 5.0 cluster:

- 1 Stop Veritas Cluster Server (VCS) on all nodes.
`# hastop -all`
- 2 Stop the Veritas Cluster Server Membership Module (VCSMM) driver on each node.
`# /sbin/vcsmmconfig -U`
- 3 Install patch PVKL_03842 on each node.
`# swinstall -s <patch location> -x autoreboot=true
PVKL_03842`
- 4 Verify that the patch is installed.
`# swlist PVKL_03842`

If the patch installation is successful, the output resembles the following:

```
PVKL_03842#          1.0      VRTS 5.0 RP1 VRTSdbac Kernel
                          Patch
PVKL_03842.DBAC-RUN  1.0      Veritas DBAC generic files
PVKL_03842.VCSMM-RUN 1.0      Veritas VCSMM userland files
```

5 Verify that the new VCSMM driver is installed.

```
# kcmodule -v vcsmm
```

If the patch installation is successful, the following information is displayed:

```
Module                vcsmm (1.500)
Description            VERITAS Membership
                      Manager revision
                      5.0.31.0
Timestamp             Thu Mar 13 23:39:16 2008
                      [47D96DCC]
State                 loaded (as requested)
State at Next Boot    loaded (as requested)
Capable               loaded static auto unused
Depends On            module gab:0.0.0
                      interface
                      HPUX_11_31_PERF:1.0
```

6 Start VCSMM on all nodes.

```
# /sbin/init.d/vcsmm start
```

7 Start VCS on all nodes.

```
# hastart
```

Make sure to run this command from each node.

Uninstalling SF Oracle RAC 5.0 RP1

Perform the following steps to uninstall SF Oracle RAC 5.0 RP1:

1 Stop VCS on all nodes.

```
# hstop -all
```

- 2 Stop the VCSMM driver on each node.
/sbin/vcsmmconfig -U
- 3 Remove the patch PVKL_03842 from each node.
swremove -x autoreboot=true PVKL_03842
- 4 Verify that the patch is removed from each node.
swlist PVKL_03842
If the patch removal is successful, the output resembles the following
ERROR: Software "PVKL_03842" was not found on host
- 5 Start VCS on all the cluster nodes.
hastart
Make sure to run this command from each node.

Installing SF Oracle RAC 5.0 RP1 on Oracle 10g cluster

Perform the following steps to install SF Oracle RAC 5.0 RP1 on Oracle 10g cluster:

- 1 Install SF Oracle RAC 5.0 RP1.
See [“Installing SF Oracle RAC 5.0 RP1”](#) on page 8.
- 2 Relink the SF Oracle RAC libraries to Oracle.
Refer to the *Veritas Storage Foundation for Oracle RAC 5.0 HP-UX 11iv3 Installation and Configuration Guide*,
Chapter 7: "Relinking the SF Oracle RAC libraries to Oracle 10g".

Note: While applying Oracle Patchset 10.2.0.4 to Oracle CRS, you need not apply the init.cssd patch before running the root<xxx>.sh script.

Documentation

Product guides are available on the documentation disc in the PDF format. We recommend copying pertinent information, such as installation guides and release notes, from the disc to your system directory. Other guides specified in this document are available with the base release of this product.

This release includes the following documents:

Title	File Name
Veritas Storage Foundation for Oracle RAC README	sfrac_readme.pdf

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