



# VxFS and VxVM 3.5

Installation of VxFS and VxVM 3.5 on  
HP-UX 11i v2 September 2006

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# Contents

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## Table of contents

1 Introduction

2 Installation instructions

Setting up a System with Base-VXVM 3.5

5

Setting up a system with Base-VxFS 3.5 and HP OnlineJFS 3.5

6

# 1 Introduction

Starting with the September 2006 HP-UX 11i v2 release, HP has changed the always installed version of the Symantec products from 3.5 to 4.1. This includes HP OnlineJFS, VxFS and VxVM products included with the HP-UX Mission Critical (MCOE) and Enterprise (EOE) Operating Environments.

If an install (or update) is performed from the September 2006 and later Mission Critical (MCOE) or Enterprise (EOE) Operating Environments of HP-UX 11i v2 media, you would get a system with the 4.1 version of the Symantec products installed.

To decide on whether to move to the 4.1 version of the Symantec products, see the Veritas File System 4.1 release notes and Veritas Volume Manager 4.1 release notes available at <http://docs.hp.com> for a detailed description of the features of the Symantec 4.1 Products.

If you decide to continue with the 3.5 version of the Symantec products, this paper would provide the instructions to be followed to get a system with the 3.5 version of the Symantec products when cold installing (or updating) from the September 2006 and later Mission Critical (MCOE) or Enterprise (EOE) Operating Environments of HP-UX 11i v2.

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## 2 Installation instructions

To get a VxVM 3.5 based system along with VxFS 3.5, you must complete the steps provided in this chapter. If you require a system with VxFS 3.5 only, see “Setting up a System with Base-VxFS 3.5 and OnlineJFS 3.5”. However, if you want a system with both VxVM 3.5 and VxFS 3.5, you must complete the steps provided in both the sections below.

NOTE: HP does not support mixed versions of VxFS and VxVM.

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### Setting up a System with Base-VXVM 3.5

This section provides the steps to be followed if you want a system with VxVM 3.5 while installing (or updating) from the September 2006 and later Mission Critical (MCOE) or Enterprise (EOE) Operating Environments of HP-UX 11i v2. You can download the Base-VXVM 3.5 bundle either from <http://software.hp.com> or obtain it from the HP-UX 11i v2 media set from a release prior to December 2005. To get to a VxVM 3.5 based system, complete the following steps:

NOTE: In the case of a downgrade from VxVM 4.1 to VxVM 3.5, make sure that the Disk Group Version of all the disk groups on the system are not greater than 90. VxVM 3.5 supports Disk Group Version upto 90 only.

1. Copy the September 2006 or later Operating Environment (OE) into a depot
2. To delete Base-VXVM 4.1 from the depot (created in step 1), enter the following command:  
`#swremove -d Base-VXVM @ <destination depot>`
3. To copy Base-VXVM 3.5 into the depot, enter the following command:  
`#swcopy -s <depot location of Base-VXVM 3.5> Base-VXVM @ <destination depot>`
4. Install (or update) the system from the depot created.

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# Setting up a system with Base-VxFS 3.5 and HP OnlineJFS 3.5

Installation (or update) of Enterprise (EOE) or Mission Critical (MCOE) Operating Environment with the HP-UX 11i v2 September 2006 release will always install Base-VXFS 4.1, HP OnlineJFS 4.1 and EnableVxFS 4.1. To revert the system to VxFS 3.5, the Base-VXFS 4.1 and HP OnlineJFS 4.1 must be removed from your system (and the system rebooted). You must subsequently install OnlineJFS 3.5.

NOTE: In the case of a downgrade from VxFS 4.1 to VxFS 3.5, You must ensure that the disk layout version for file systems is not greater than 5. VxFS 3.5 supports disk layouts only upto version 5.

NOTE: VxFS 3.5 is present in every OE and is always installed on a system. Hence, the removal of VxFS 4.1 will leave the system with VxFS 3.5.

1. To remove HP OnlineJFS 4.1, enter the following command:  
`#swremove OnlineJFS01`
2. To remove the Base-VXFS and EnableVxFS products, enter the following command:  
`#swremove -x autoreboot=true Base-VXFS EnableVxFS`  
This step will reboot the system.
3. To install HP OnlineJFS 3.5 (B3929DA) from the HP-UX EOE or MCOE media or a depot containing HP OnlineJFS 3.5, enter the following command:  
`#swinstall -s <media or depot location> B3929DA`