

HP LeftHand P4000 Windows Solution Pack Release Notes

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Contents

- 1 HP LeftHand P4000 Windows Solution Pack Release Notes 4
 - Version 4
 - Description 4
 - Who Should Upgrade 4
 - Check Compatibility Updates 4
 - Prerequisites 4
 - Installation/Upgrade Instructions 5
 - Upgrading When Using the HP LeftHand P4000 Windows Solution Pack 6
 - HP LeftHand P4000 Windows Solution Pack Compatibility with SAN/iQ Software 6
 - Installing HP LeftHand P4000 Windows Solution Pack 6
 - Installing VSS Providers 6
 - Installing HP LeftHand P4000 DSM for MPIO 6
 - HP Technical Support 6

1 HP LeftHand P4000 Windows Solution Pack Release Notes

Version

- HP LeftHand P4000 Windows Solution Pack version 8.1.0.56
- HP LeftHand P4000 VSS Provider version 8.1.0.54
- HP LeftHand P4000 DSM for MPIO version 8.1.0.66

Description

These Release Notes provide instructions for upgrading your software, and information about what has been fixed in this release. These Release Notes are current as of the above date. The latest Release Notes are available at the Customer Resource Center at www.LeftHandNetworks.com-> Resources-> Support Library-> Release Notes.

Supersedes

- Solution Pack version 8.0.0.426
- VSS Provider version 8.0.0.425
- DSM for MPIO version 8.0.0.459 for Windows Server 2003
- DSM for MPIO version 8.0.0.488 for Windows Server 2008

Who Should Upgrade

Solution Pack version 7.0 customers should upgrade if upgrading to SAN/iQ software release 8.x.

Check Compatibility Updates

For a complete list of supported SAN/iQ software releases and application software compatibility, see Resources at www.LeftHandNetworks.com. Select Resources > Product Library > Compatibility Lists.

HP LeftHand P4000 DSM for MPIO and Windows Server 2008

The HP LeftHand P4000 DSM for MPIO that supports Windows Server 2008 is available only from the LeftHand Networks website as a software download. Go to www.LeftHandNetworks.com > Resources-> Software Downloads > Solution Packs > 8.1 GA. There are separate installers for both 32- and 64-bit Windows Server 2008. You can also find the software by going to <http://www.hp.com/support/downloads> and search for the software by name.

Prerequisites

- 32-bit or 64-bit version of Windows Server 2003

- VSS Provider - Windows Server 2003
- Windows Server 2008, all versions
- DSM for MPIO - Windows Server 2003, SP1

If installing HP LeftHand P4000 DSM for MPIO into an existing Microsoft Cluster, use the following steps.

1. First move all the resources from the node to be upgraded to another cluster node.
 2. Pause the node on which you plan to install HP LeftHand P4000 DSM for MPIO, then proceed with the installation on that node only.
 3. The upgraded node will reboot, after which you can move the resources back.
 4. Repeat steps 1 through 3 for each node.
- Microsoft iSCSI Software Initiator - Recommended: Version 2.08 (or greater)

 **NOTE:**

This has changed for 7.0 forward: When installing the Microsoft iSCSI Software Initiator version 2.08 (or greater), you must now install the Microsoft DSM if it is not present. The HP LeftHand P4000 DSM for MPIO installer detects if the Microsoft DSM is missing and a message opens with instructions for installing the MS DSM.

 **NOTE:**

Important note about upgrading to version 2.08 (or greater) of the Microsoft iSCSI Software Initiator
If the DSM for MPIO is present on the system, you must use the following procedure to ensure a successful upgrade.

1. Disconnect all volumes and iSCSI sessions before upgrading the Microsoft iSCSI Initiator.
2. After completing the upgrade, reconnect the volumes and reestablish the sessions.

Failure to follow this procedure can result in a loss of volume connectivity and the initiator installation can stop responding. In this case, the installer cancel button does not work. Instead, you must use the Task Manager to end the process for the initiator installer. Applications are likely to time out in this scenario.

Once you have ended the installer process in the Task Manager, you can log into disconnected volumes manually.

Installation/Upgrade Instructions

If you are upgrading to SAN/iQ software Release 8.1, and you are currently using any component of the HP LeftHand P4000 Windows Solution Pack, the upgrade sequence differs slightly from the upgrade sequence for upgrading the SAN/iQ software and the Centralized Management Console (CMC) only.

For detailed instructions about upgrading the SAN/iQ software and the CMC, see the Release Notes for version 8.1.

If you are running a previous version of the DSM for MPIO, the installer prompts you to first uninstall that version before installing the current version.

Upgrading When Using the HP LeftHand P4000 Windows Solution Pack

Upgrade the software components in the following order:

1. HP LeftHand Centralized Management Console
2. HP LeftHand P4000 DSM for MPIO
3. SAN/iQ software (Note: for detailed instructions about upgrading the SAN/iQ software, see the SAN/iQ version 8.1 Release Notes.)
4. HP LeftHand P4000 VSS Provider

HP LeftHand P4000 Windows Solution Pack Compatibility with SAN/iQ Software

If you upgrade your SAN/iQ software from SAN/iQ software version 8.0, upgrading to the Solution Pack version 8.1 is optional. There are no functional changes in the version 8.1 release. However, the HP LeftHand P4000 Windows Solution Pack is not backwards compatible. If you upgrade to SAN/iQ software version 8.1 from version 7.x, you must use the Solution Pack version 8.1. During the upgrade, the Solution Pack components may temporarily stop functioning until both the Solution Pack and the SAN/iQ software are at version 8.1.

Installing HP LeftHand P4000 Windows Solution Pack

1. Ensure that you have Administrator privileges before beginning installation.
2. Insert the Solution Pack CD in your CD drive. The installation wizard opens
3. Click Install.
4. The menu of Solution Pack components opens.
5. Click the Solution Pack component you want to install.

The installation wizard takes you through the installation process for the selected component.

Installing VSS Providers

1. After the VSS Provider is installed, a reminder window opens.
This reminder states that you must open the Authentication Console to configure user names and passwords for management groups.
2. Click Next to continue.
3. Click Finish on the final window to complete the wizard.
4. Click Menu on the installer window.
The Solution Pack installer main window opens.
5. Click Exit to close the installer.

Installing HP LeftHand P4000 DSM for MPIO

During installation you will see instructions regarding any configuration or installation issues. Potential issues are listed at the beginning of these instructions in the Prerequisites and Upgrading sections.

A reboot of the server is required to complete the installation.

HP Technical Support

For worldwide technical support information, see the HP support website:

<http://www.hp.com/support>

Before contacting HP, collect the following information:

- Product model names and numbers
- Technical support registration number (if applicable)
- Product serial numbers
- Error messages
- Operating system type and revision level
- Detailed questions

