

# Violin Memory Release Notes

Violin Array MPIO DSM Driver

Release D4.5.0

February 2013



**violin**  
MEMORY

## Introduction

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The Violin Array Controller Multipath I/O (MPIO) Device Specific Module (DSM) driver is for systems running Windows® Server 2003 R2 SP2.

## What's New

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The D4.5.0 driver release includes the following features:

- Support for Windows Server 2003 R2 SP2 systems.
- Support for Memory Gateway software running with 3000 Series and 6000 Series Memory Arrays.

## Known Limitations

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If you are using the Violin driver, the load balancing policy is set to 1. For higher performance, set the load balancing policy to 2 (Round Robin). Complete the following steps to change the load balancing policy:

1. Open the Registry Editor and navigate to:  
[HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Services\v1010dsm\Parameters\DsmLoadBalanceSettings\<EnumeratedViolin LUN>
2. Modify DWORD: DsmLoadBalancePolicy and change the value to 2 for all discovered LUNs.
3. Restart the client machine.

# System Requirements

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## Windows System

The Windows system must be running the following:

- Windows Server 2003 R2 SP2

## Violin Memory Array

The following are the requirements for the Violin Memory Array:

### Hardware

- Violin 3000 Series Memory Array
- Violin 6000 Series Memory Array

### Firmware

- All Memory Array firmware versions

## Downloading the Driver

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1. Go to <http://www.violin-memory.com/support/>
2. Log in to Customer Support using your Violin Memory Customer Portal login and password information. (If you don't have an account, follow the instructions to set one up. You will be notified when the account is activated.)
3. Click the **Software Downloads** tab.
4. From the Drivers and Utilities location, download the driver for release D4.5.0.

## Installing the Driver

1. Extract the driver files downloaded from the Violin Memory Support site.
2. Run the "setup.exe" file to install the driver.

Contact Violin Memory Customer Support ([support@vmem.com](mailto:support@vmem.com)) if you need assistance installing the driver.

## Violin Memory Customer Support

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# Disclaimer

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