

# Violin Memory Release Notes

## Violin Array Controller Driver for Linux

### Release D6.0.0.3

May 2013



**violin**  
MEMORY

## Introduction

---

The Violin Array Controller Driver for Linux enables Linux host machines to access storage on Violin Memory Arrays in a direct-attached configuration. The D6.0.0.3 driver release includes the following updates.

## Resolved Issues

---

- 16375: The driver handles VCM failover gracefully by notifying the Memory Array when the link is lost or restored.
- 18604: Increase IO stuck timeout to 6-7 seconds instead of the current 4 seconds.

## Known Limitations

---

- 19177: Dell PowerEdge Rx10 servers are not supported for PCIe direct-attached configurations.
- 19377: At least two PCIe cables are required for each connected host.
- 19397: Array information may not be displayed when running the “vincident” utility from a PCIe connected Linux host. As a workaround, log in directly to the Array and then collect this information.
- 19400: Array information may not be displayed when running the “valarms” utility from a PCIe connected Linux host. As a workaround, log in directly to the Array and then collect this information.

## System Requirements

---

This release supports the following systems:

- Violin 6000 Series Memory Array (Firmware A6.0.0 and later)

### Operating Systems:

- Red Hat Enterprise Linux/CentOS 5.x (i686, x86\_64)
- Red Hat Enterprise Linux/CentOS 6.x (i686, x86\_64)
- SUSE 10 through openSUSE 11.3 (i686, x86\_64)
- Oracle Unbreakable Enterprise Linux 5.5 and 6.x (x86\_64)
- Linux distributions starting from 2.6.9.x kernels (x86\_64)
- SUSE Linux Enterprise Server 11 Service Pack 2

## Downloading the Driver

---

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 Linux Drivers location, download the driver for release D6.0.0.3.

See the *Violin 6000 Series Memory Array User's Guide* for upgrade instructions. Contact Violin Memory Customer Support ([support@vmem.com](mailto:support@vmem.com)) if you need assistance installing the driver.

## Violin Memory Customer Support

---

### **Violin Memory, Inc. USA**

685 Clyde Ave, Mountain View, CA 94043

Web: [www.violin-memory.com/support](http://www.violin-memory.com/support)

### **Violin Memory EMEA Ltd**

Quatro House

Lyon Way

Camberley

Surrey

GU16 7ER

United Kingdom

---



# Disclaimer

---

\*\*\*\*\*

Copyright 2006-2013 Violin Memory, Inc. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY VIOLIN MEMORY, INC., "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL VIOLIN MEMORY, INC. OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

The views and conclusions contained in the software and documentation are those of the authors and should not be interpreted as representing official policies, either expressed or implied, of Violin Memory, Inc.

\*\*\*\*\*