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I/O Compatibility Guide

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Introduction

VMware ESX software delivers high performance I/O for PCI based SCSI, RAID, Fibre Channel, and Ethernet controllers. To achieve high performance, these devices are accessed directly through device drivers in the ESX host, and not through a host operating system, as with VMware Workstation and VMware Server products.

Support for I/O devices listed in this document is specific to device compatibility with the VMware ESX versions listed in the corresponding tables. This does not imply a statement of support for adding a device to any certified system. System vendors determine device compatibility with a given system. Please refer to the compatibility list provided by the system vendor before adding a certified device to a certified system.

NOTE: IDE RAID and SATA RAID are not supported for the VMFS file system.
NOTE: You cannot simultaneously run devices using the mptscsi driver and ones using the mptscsi_2xx driver.
NOTE: You cannot simultaneously run devices using the aacraid driver and ones using the aacraid_esx30 driver.
NOTE: You cannot simultaneously run devices using the megaraid2 driver and ones using the megaraid_sas driver.

NOTE: ESX 4.0, ESXi 4.0 Embedded and ESXi 4.0 Installable are equivalent products from an I/O device compatibility perspective. In this guide we only explicitly list ESX compatibility information. If a product is listed as supported for ESX, the product is also supported in corresponding versions of ESXi Embedded and ESXi Installable.

If you are having a technical issue with 3rd party HW/SW and it is not found on this list, please refer to our 3rd Party HW/SW support policy at http://www.vmware.com/support/policies/ThirdParty.html.

I/O Device and Model Information

The detailed lists show actual vendor devices that are either physically tested or are similar to the devices tested by VMware or VMware partners. VMware provides support only for the devices that are listed in this document.

Partner Name	Model	Device Type	Supported Releases
LSI	LSI MegaRAID SAS 8880EM2	SAS/SATA-RAID	ESX / ESXi 4.0[*1]

Footnotes:

None

* Device Driver Notes

1. megaraid_sas version 3.0.21.11vmw

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