

Coraid® EtherDrive® HBA driver v5.2.3 for ESXi 5.0 Release Notes

This document describes enhancements, resolved issues, and known issues in the Coraid EtherDrive HBA software driver version 5.2.3 for ESXi 5.0 Server.

For information about installing and using your EtherDrive HBA and software driver, see the *Coraid® EtherDrive® HBA for VMware® vSphere™ (ESX/ESXi) Administration Guide* or contact Coraid Technical Assistance Center (TAC).

New in This Version

Support for ESXi 5.0

EtherDrive HBA software driver version 5.2.3 is the first Coraid EtherDrive HBA driver to support VMware ESXi 5.0.

EtherDrive HBA-specific extensions to ESXCLI

Version 5.2.3 introduces commands that allow you to use the ESXCLI to manage your EtherDrive host, including:

- **esxcli ethdrv flush.** Refreshes CLI output to remove targets that are no longer present on the ESX host's storage network. You can issue this command any time a target is missing on the ESX host's storage network. Targets absent for more than a minute are considered "dead" and the **flush** command removes them from the CLI output.
- **esxcli ethdrv claim.** Allows you to claim a LUN. You should always issue the **-1** command argument to claim a LUN that is hosting a DataStore that was created on an ESX(i) 4.x (or earlier) host. In this document such LUNs are referred to as **legacy**.



In ESXi 5.0 you should always claim a legacy LUN as legacy (by issuing the **-1** command argument). Otherwise, if the LUN exceeds 2TB, only the first 2TB of the LUN will be visible to your EtherDrive HBA driver. This happens because legacy LUNs are created with the SCSI-2 standard which defines an addressing scheme that supports a maximum 2TB of storage. The 2TB maximum requires ESX(i) 4.x (and earlier versions) to automatically segment LUNs larger than 2TB into multiple SCSI devices at 2TB boundaries.

Support for additional HBA card

This release adds support for the EtherDrive EHBA-20-E-RJ45-2 x 10GbE UTP.

Resolved Issues

Stability and diagnostic reporting enhancements

This release includes enhancements to improve diagnostic reporting and stability, such as greater link stability with SFP+ switch ports using copper media.

EtherDrive HBA's description listed correctly in vSphere

The EtherDrive HBA is no longer described as Unknown on the Storage Adapters page in vSphere.

Known Issues

Timeout settings

The default timeout settings in VMware Infrastructure (VI) Client may not be long enough for certain long operations, such as when creating a large eager zero virtual disk, or when deleting snapshots. An unnecessary error message may display even while the task continues in the background. For more information, consult the VMware Knowledge Base and search for “ESX or ESXi timeout settings” (include the quotation marks).

