

Important Considerations

Changing Driver Types

If you currently use a driver type different from the one you will install with AutoPilot Installer™, you will lose your customized driver parameters, persistent bindings, LUN masking and LUN mapping when you change driver types. The default parameters set by AutoPilot Installer will usually be the best options for the new driver type. You may want to note your current settings before you install the new driver type. After you have installed the new driver type, you can update the customized driver parameters if necessary.

Upgrading to Windows Server 2003 Service Pack 1

Windows Server 2003 Service Pack 1 (SP1) replaces the Emulex-provided HBA API (hbaapi.dll) with the Microsoft HBA API in the Windows system directory (SYSTEM32 or SYSWOW64). Third-party applications that use the Emulex HBA API should continue to work with the Microsoft HBA API and Storport Miniport driver version 1.03a9 or later. If necessary, copy the Emulex HBA API from the Emulex utilities folder to the home directory of the application that used the Emulex HBA API.

I/O Coalescing and the Storport Miniport Driver

I/O Coalescing is disabled by default. If your system is not heavily loaded, the default prevents a reduction in throughput due to the delays caused by batching interrupts

If I/O Coalescing is enabled, the driver batches CPU interrupts. If your system is heavily loaded, I/O Coalescing provides better throughput by reducing the number of interrupts and maximizing the amount of commands processed with each interrupt.

You can set this parameter using HBAnyware or the lputilnt utility. See the Configuration section for more information on setting driver parameters or using I/O Coalescing.