

# Important Considerations

## Look for Disappearing Devices Function (AttemptReEstablish Parameter)

The AttemptReEstablish driver parameter is used to look for devices that may have temporarily disappeared due to unusual problems with a device or fabric. The AttemptReEstablish parameter is set to off (zero) by default.

If the AttemptReEstablish parameter is set to on ("1"), the FC Port driver will accumulate open exchange (XRI) data for some of the exchanges. This will result in a significant slowing, or possibly stopping, of Fibre Channel exchanges. Resetting the HBA will clear the XRI data temporarily, but the same problem will reoccur as XRI data accumulates again.

As a result, it is recommended that the AttemptReEstablish parameter be turned off (if the default value has been changed). To turn this parameter off:

- Using the HBAnyware utility, set the AttemptReEstablish parameter to zero.
- Using the elxcfg utility, unselect (clear) the Look for Disappearing Devices check box in Adapter Controls.

A reboot is required for the changed parameter to go into effect.

## 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 need to have access to it. The Emulex hbaapi.dll should be copied from the Emulex utilities folder to the home directory of the application that needs to use it.