How to increase the maximum queue depth per Logical Unit Number (LUN) in Windows with QLogic MC and Emulex Host Bus Adapter (HBAs)

https://kb.netapp.com/Advice_and_Troubleshooting/Data_Protection_and_Security/SnapManager_Suit...

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Applies to

FlexPod
SnapManager for Exchange (200+)
SnapManager for Microsoft SQL Server
SAN

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Description

After adjusting the HBA queue depth on a QLogic HBA on a Windows 2003 Host, a performance monitoring tool such as Perfmon for Windows reveals that input/output (I/O) from the host to the filer improved on a per HBA basis, but not on a per LUN basis.

After further research:

- Applications are confirmed to be functioning properly.
- Filer shows no performance bottlenecks.
- SAN fabric shows no performance bottlenecks.