

Avg. Disk Queue Length

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- *From:* "Sudeesh" <gsudeesh@xxxxxxxx>
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Hi,

I need a solution for avoiding high Avg. Disk Queue length. I am programming an hardware that transfers raw data to a non-paged pool. The size of the non-paged pool is 32Mb. My application moves the data in the non-paged pool to a buffer in real time. The size of the buffer is 528Mb.

My application cannot map the entire 528Mb. So, I am mapping and unmapping the buffer at sizes of 48Mb. The problem is that when I run my application, the machine becomes slow. It does not occur immediately. It starts to happen after some time. Using the performance monitor, I checked the reason for this scenario. I found that when the Avg. Disk Queue Length becomes high, the system becomes slow.

Can any one point to me the reason for this problem? And also solution to this problem.

Thank You,
Sudeesh G

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