



# One Hour Solid State Deployment in an Existing SAN

By

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# All Storage Is Not Created Equal



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Flash Memory Summit 2012  
Santa Clara, CA

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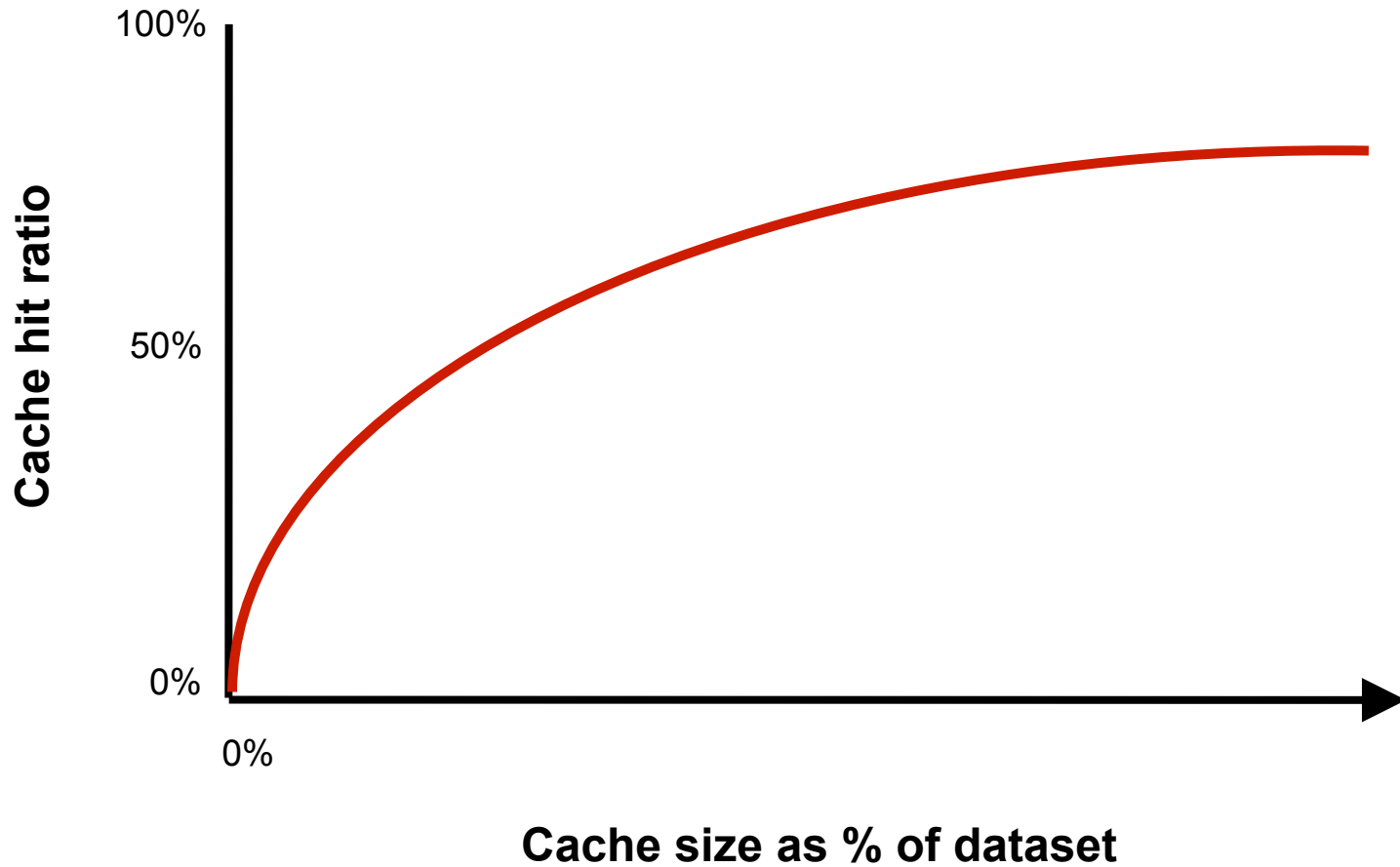
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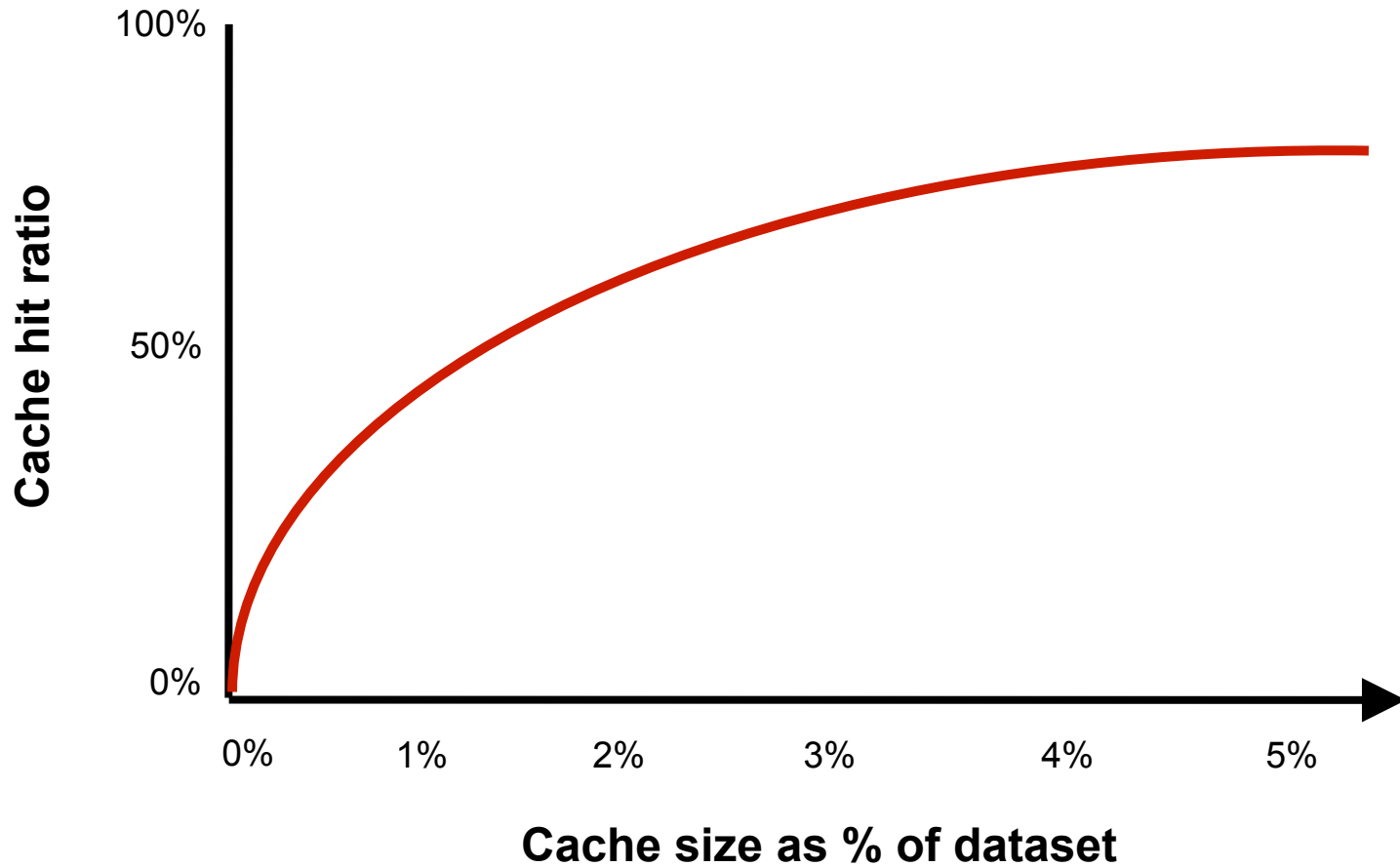
# Structured Data Is Not Random



# Cache Hit Ratio (Structured Data)

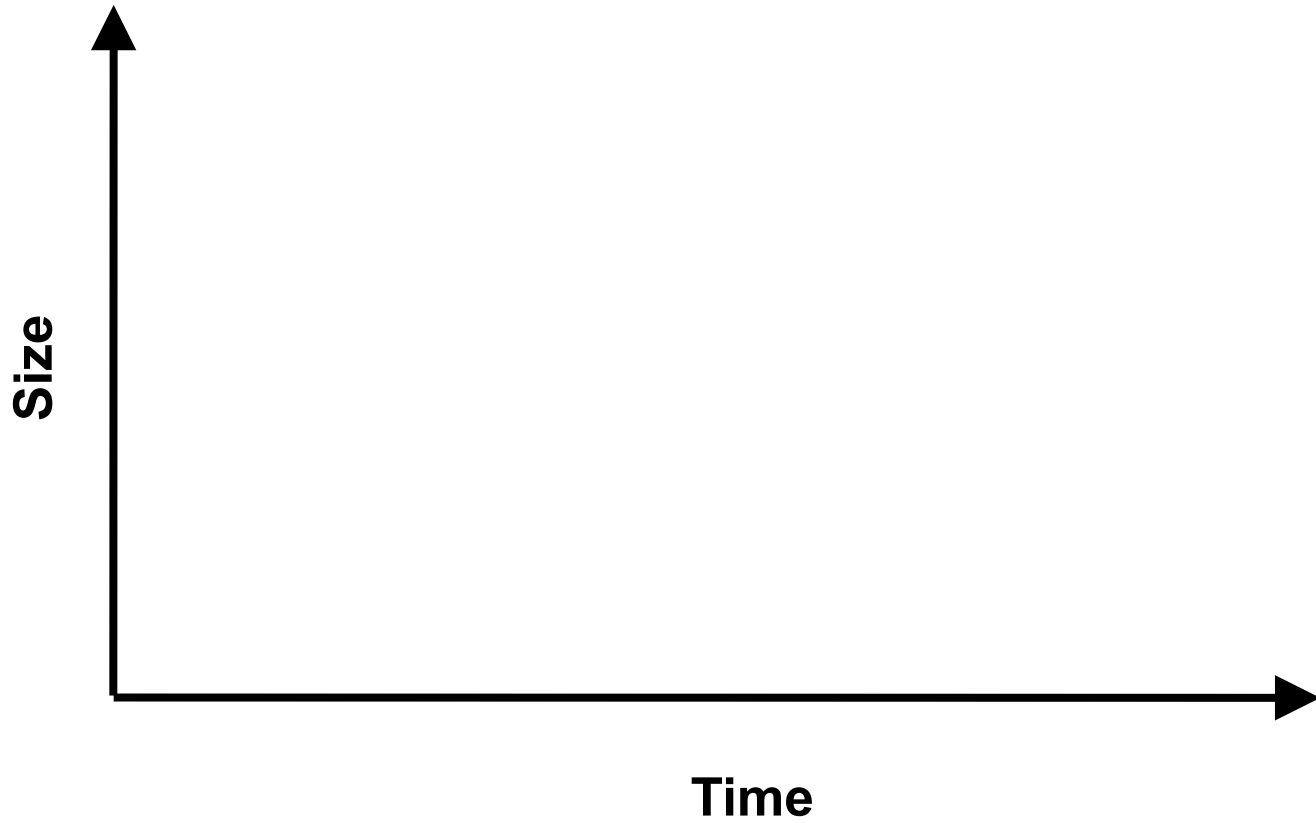


# Cache Hit Ratio (Structured Data)

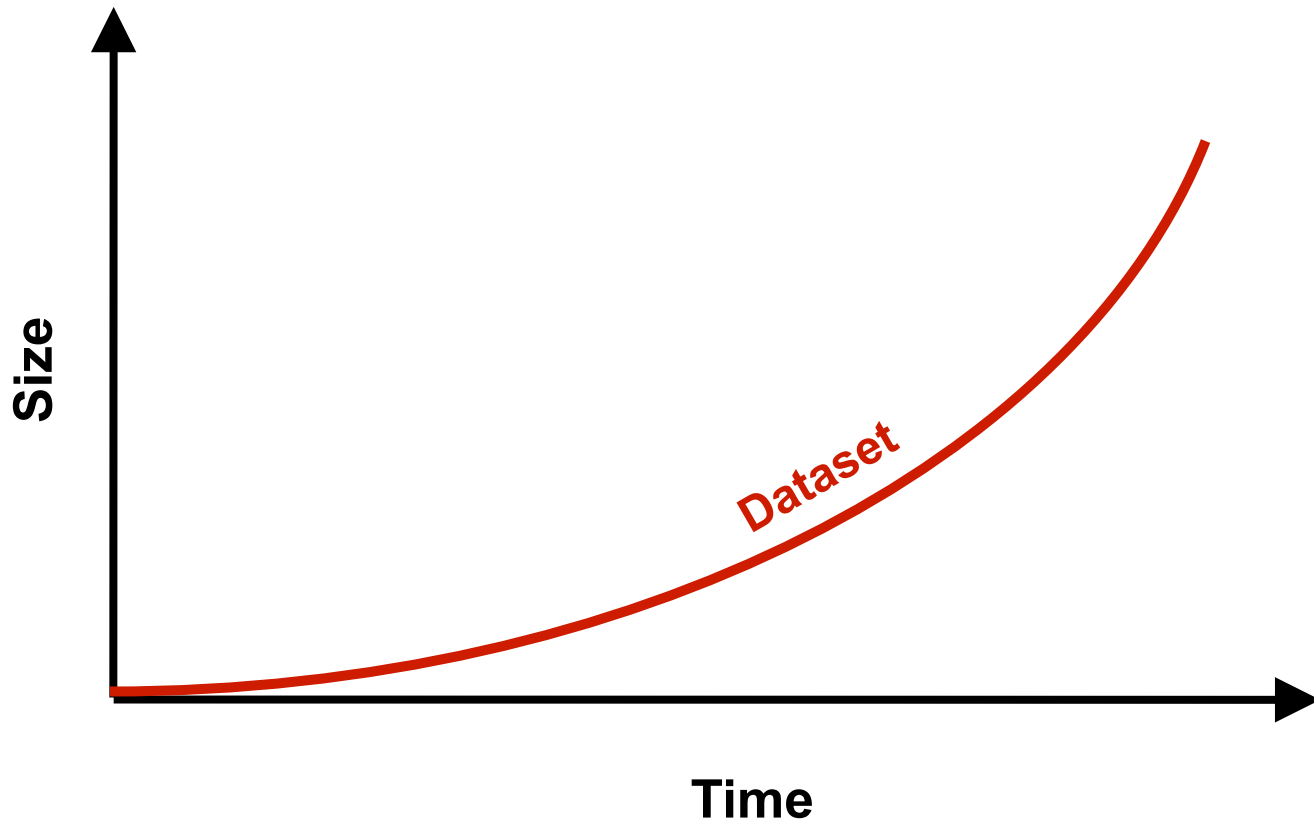




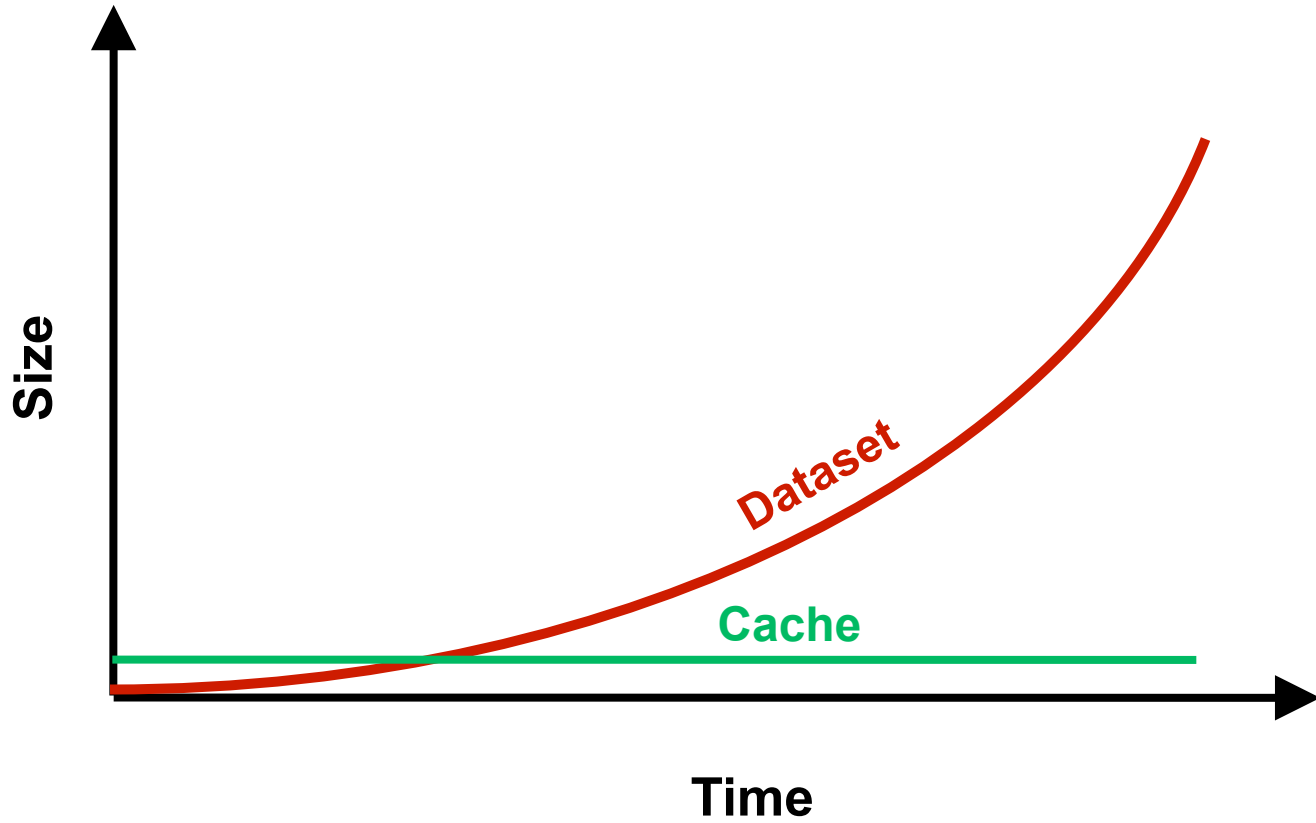
# Data Growth Vs. Cache



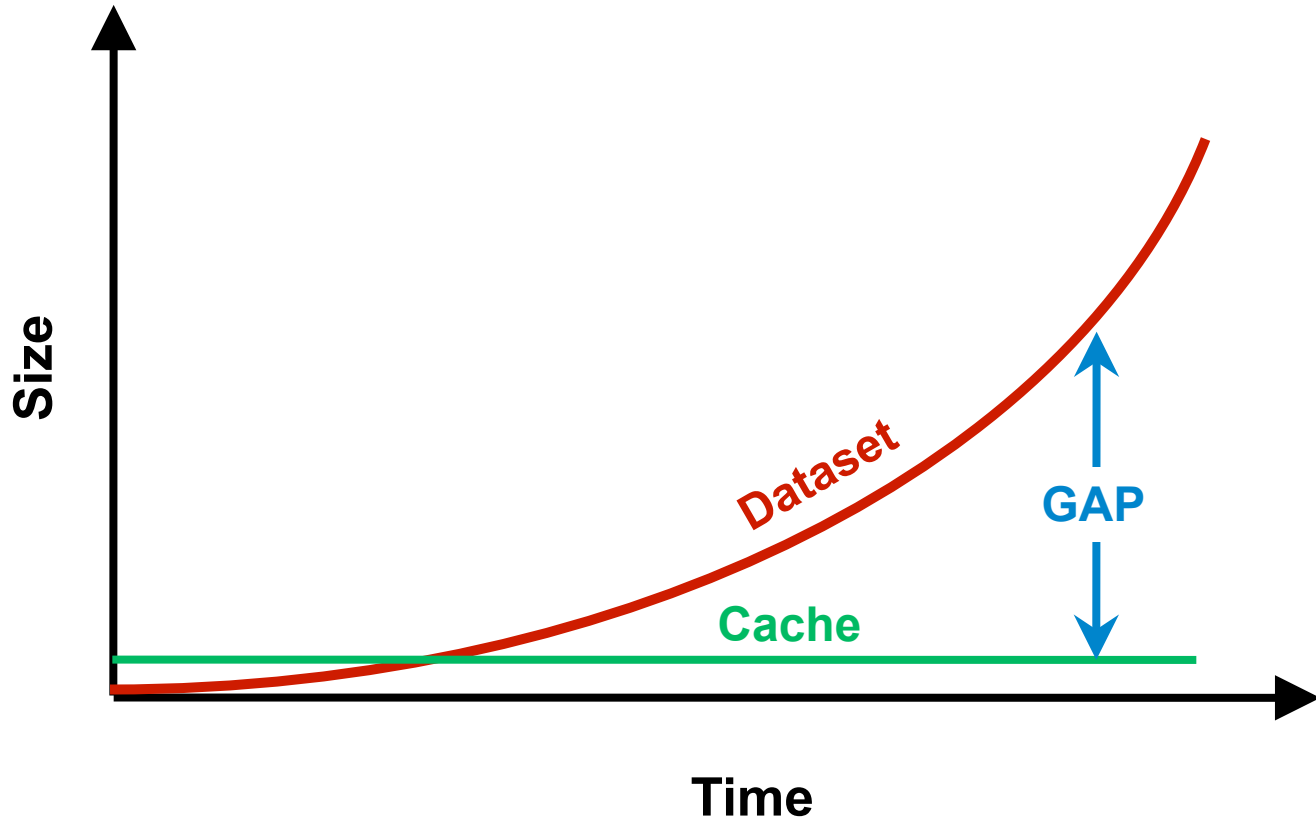
# Data Growth Vs. Cache



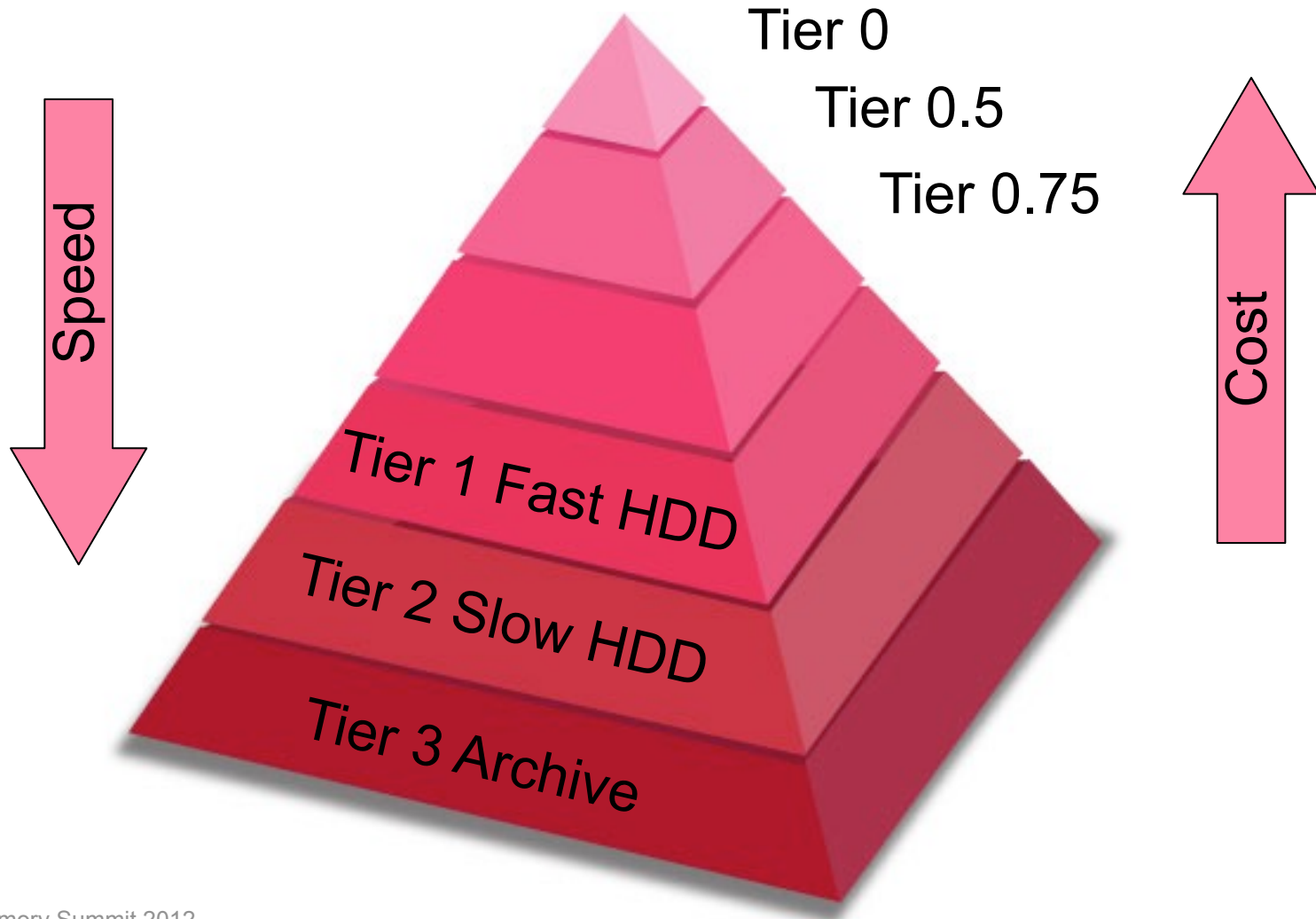
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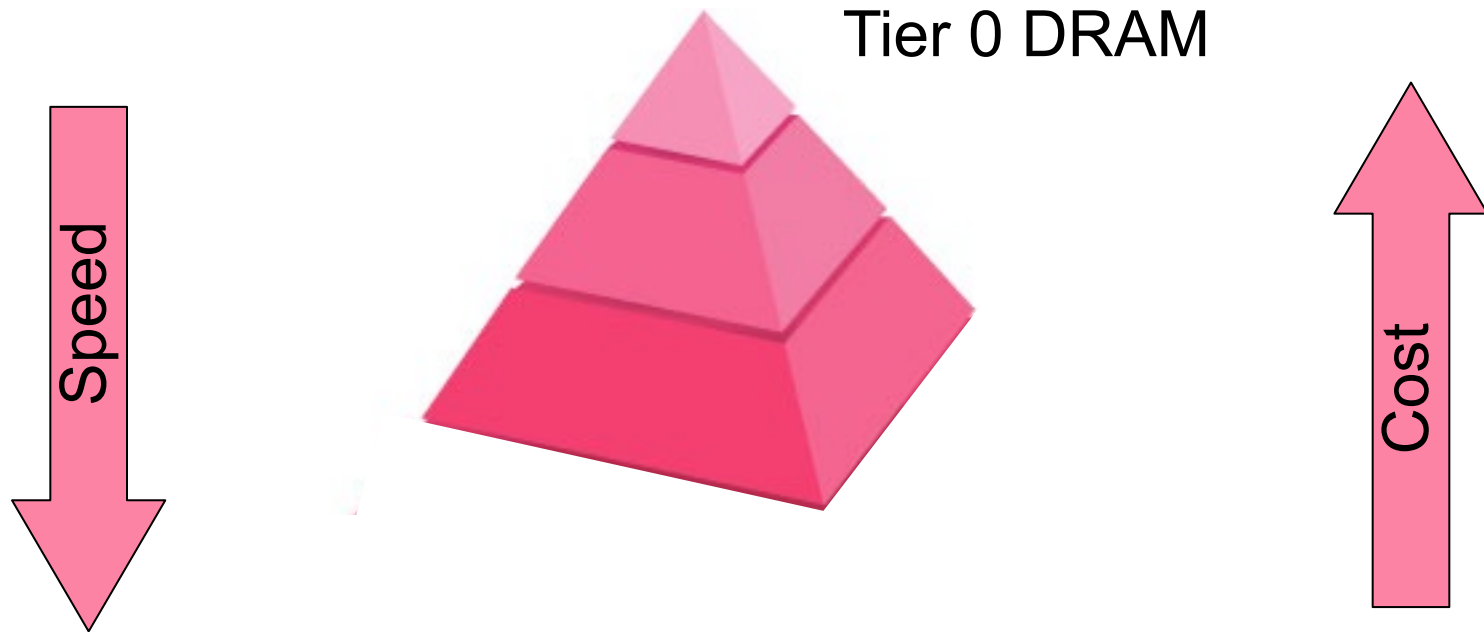
# Cost/Performance Optimized Tiering



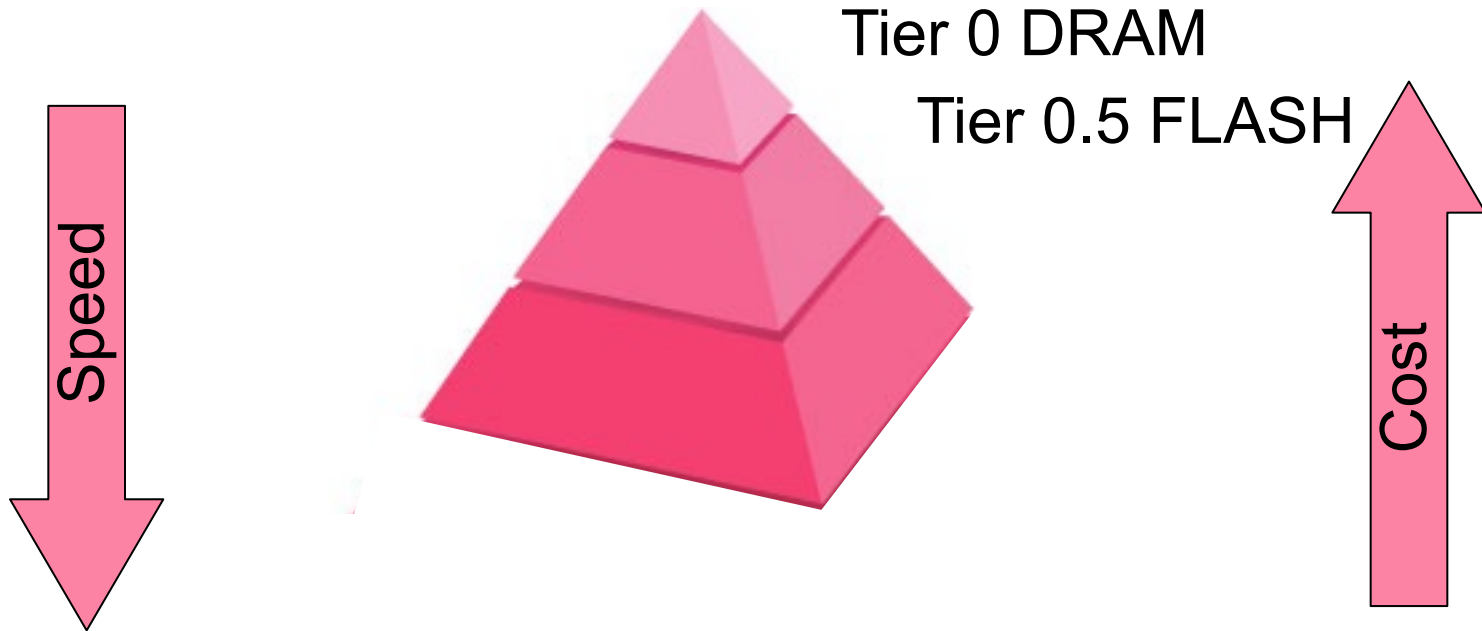
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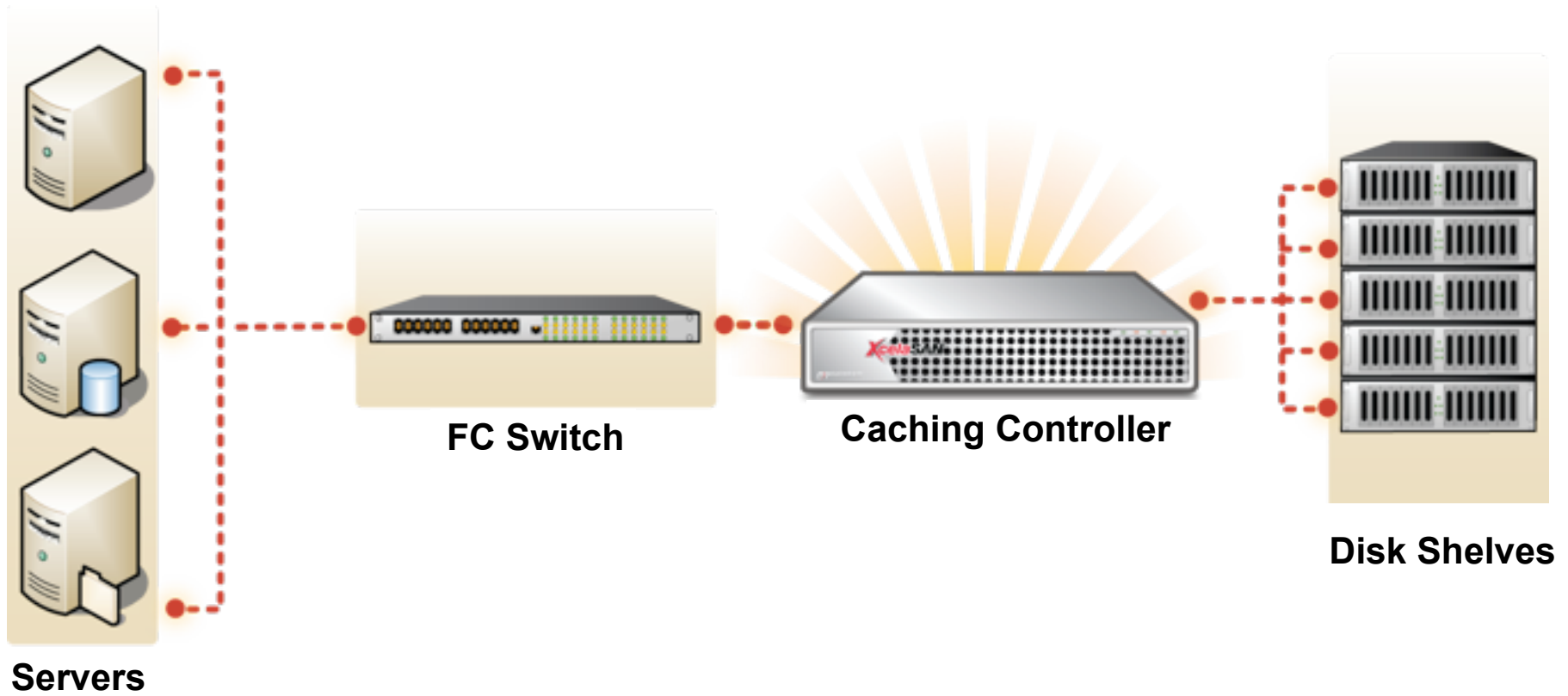




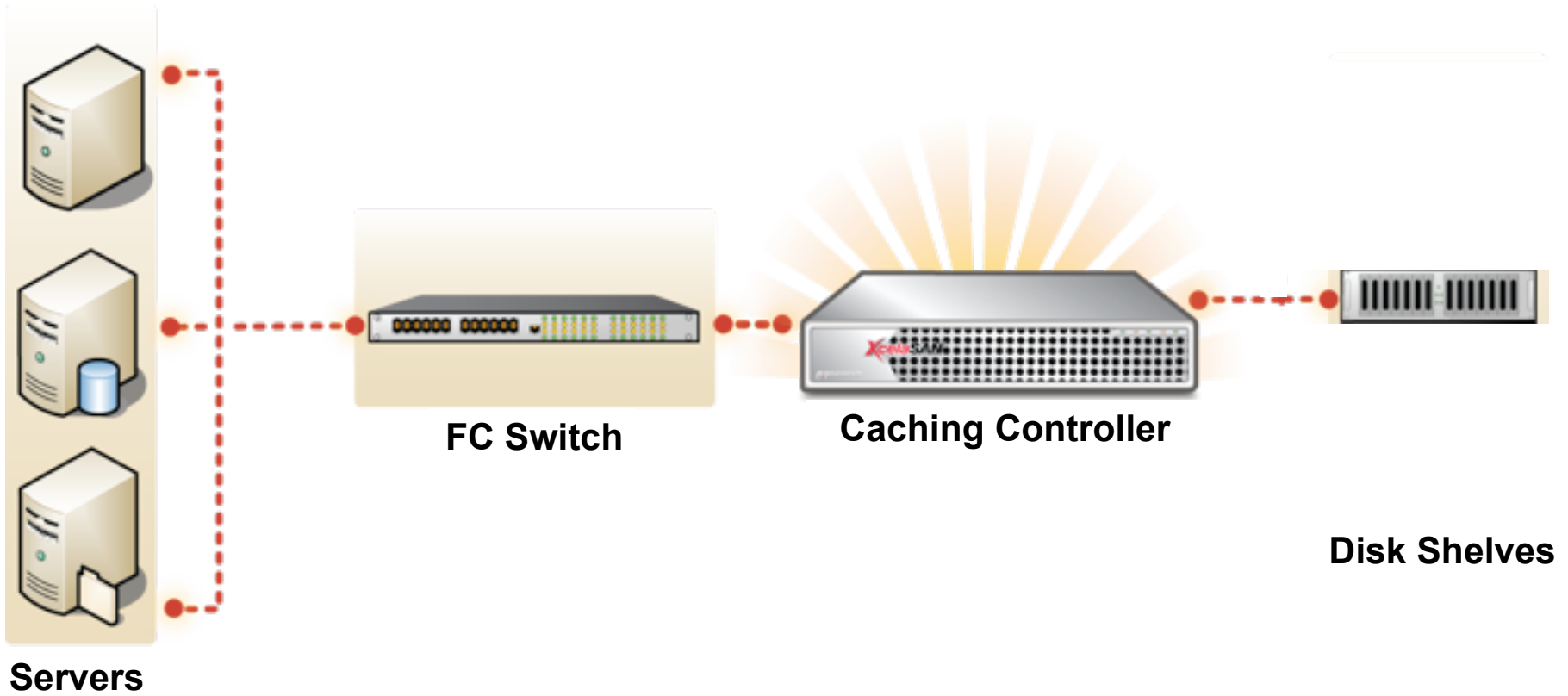
# Cost/Performance Optimized Tiering



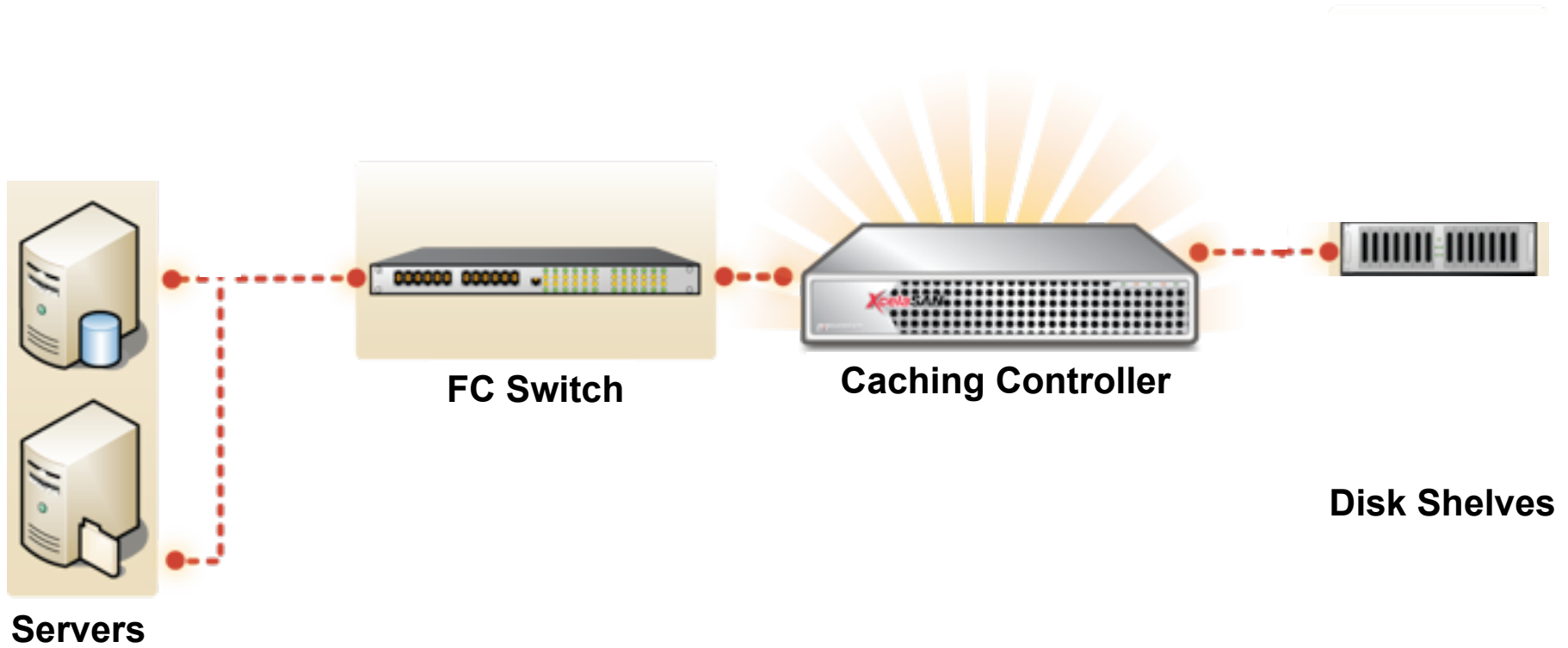
# Solid State Optimized Controller



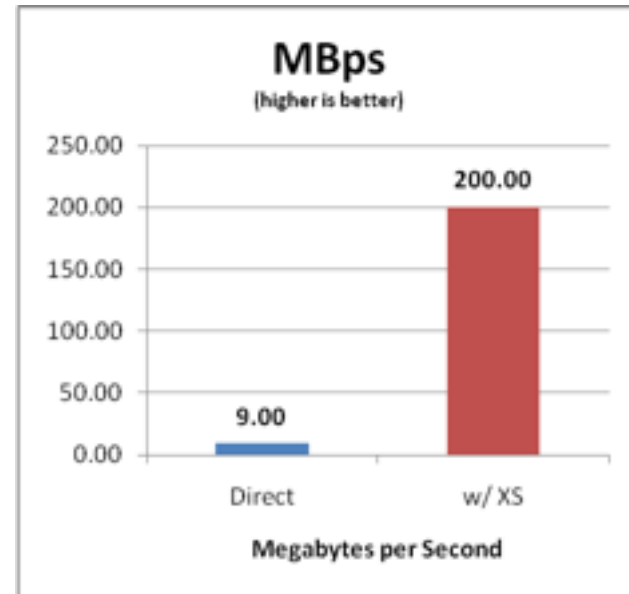
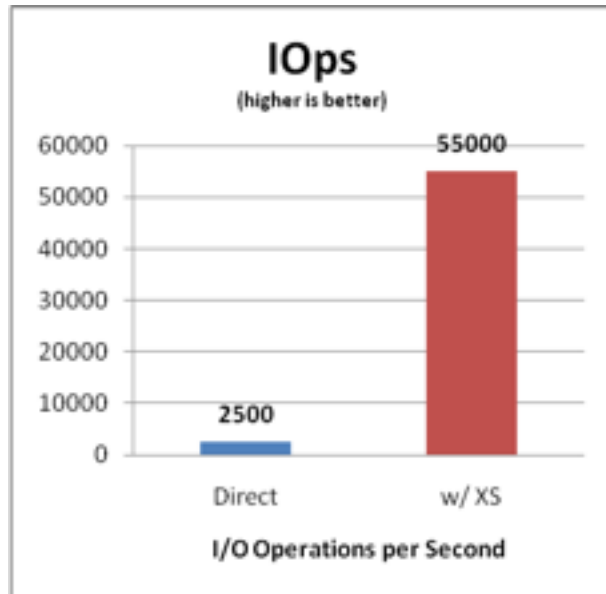
# Solid State Optimized Controller



# Solid State Optimized Controller



# Real-World Performance Results

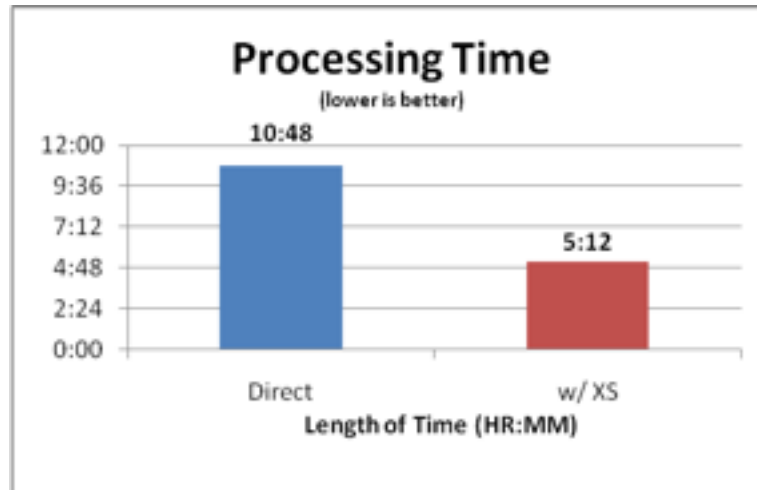




# Real-World Performance Results



# Real-World Performance Results



## SQL End of Day Batch Processing Time



Thank You!!

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