

# Satisfying Cloud Data Center Requirements with New Memory-Storage Hierarchy

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# Cloud Data Centers Seeking to Increase their “*Work per \$*”

\$ per Bit

Power per \$

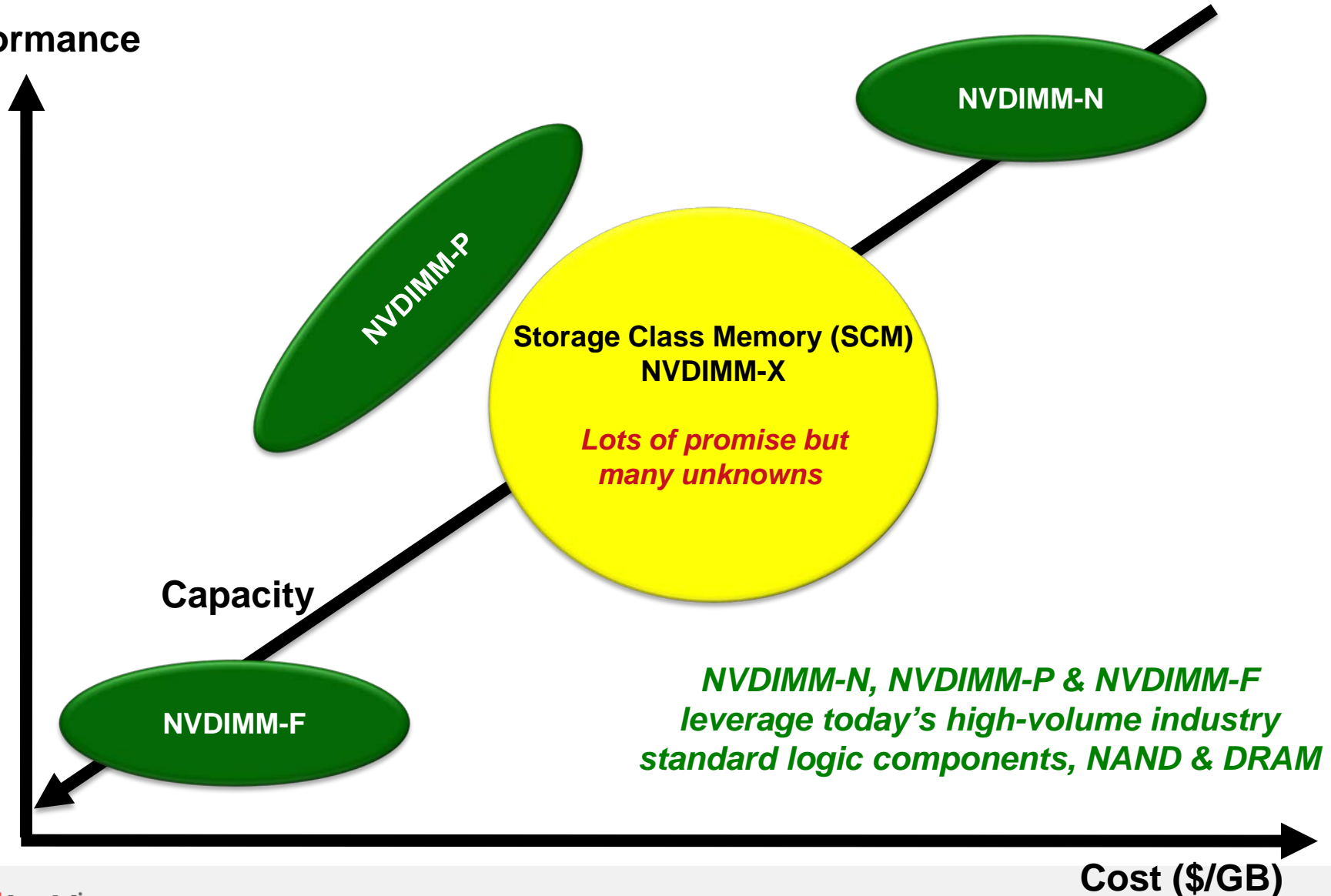
Performance  
per \$

## ***Optimized “Workload” Architectures are the Name of the Game***

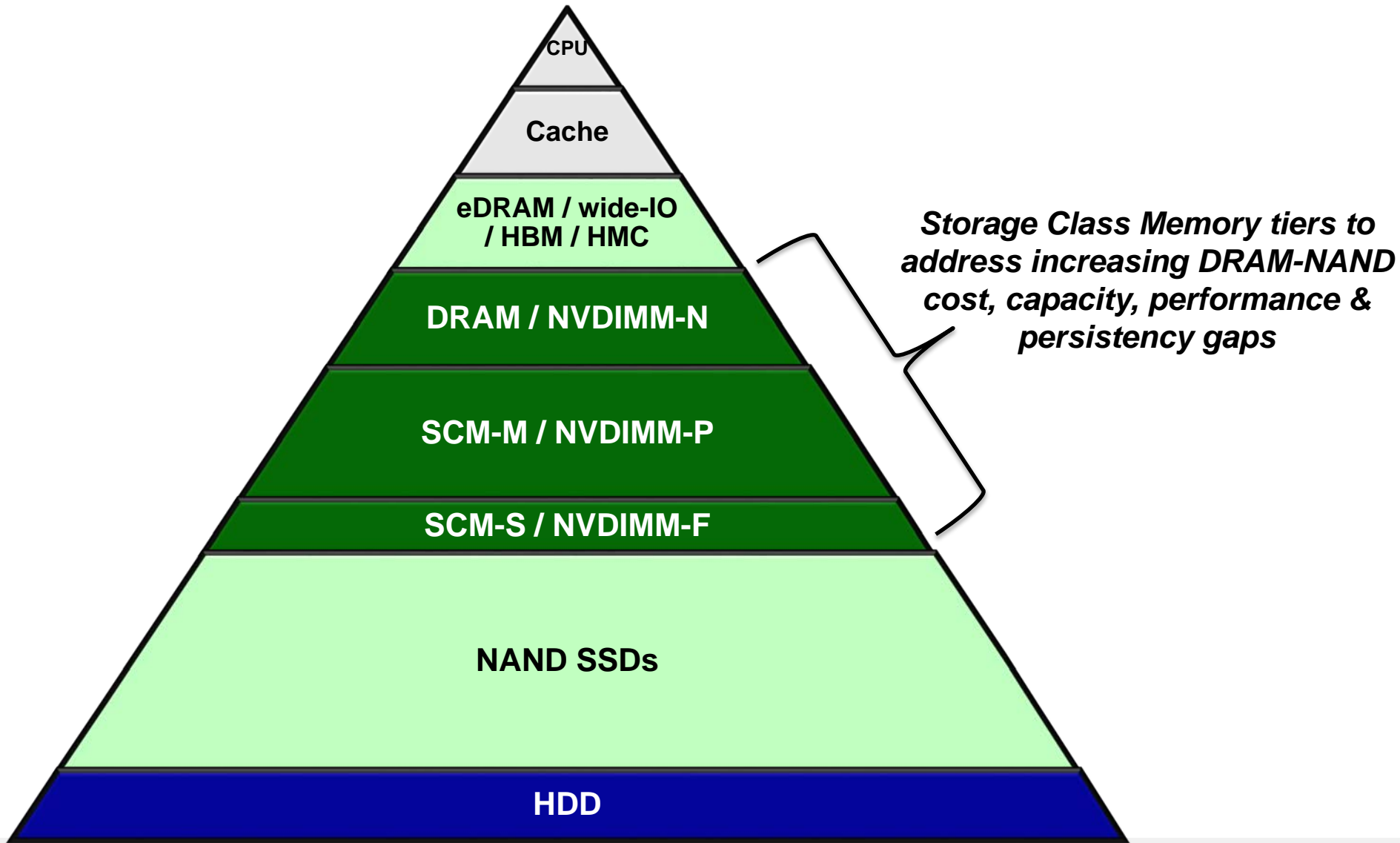
- Today a balancing act between CPUs, R/LRDIMMs, SSDs, HDDs & NIC
- Tomorrow add emerging storage class memory solutions to equation

# Emerging Storage Class Memory Solutions

Performance



# 2020 Cloud Data Center Memory-Storage Hierarchy



Thank You