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AN ENTERTAINMENT STORAGE ALLIANCE™ EVENT



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TITLE

Composable Architecture: The Combination of Compute and Storage Innovations

ABSTRACT

Booming growth in both compute and storage have effectively changed how best to tie the traditional SW and HW layers together for scale, as well as which new SW and HW layers to use. This has given rise to the demand for a new paradigm in the data center. Composable infrastructure takes into consideration:

- Strategic changes in storage device functionality,
- Form factors and capacity points
- New compute platforms

The result? Hardware that performs compute with open source hardware and software, combined with new more functional and powerful networks.

In this presentation, the interactions and benefits of new data center components, and their role in a new, more efficient datacenter, built around composable infrastructure will be explored with an inspiration to rethink compute.

BIOGRAPHY

Adam Roberts is an Engineering Fellow within Western Digital's CTO Group. He has Computer Engineering and Electrical Engineering Degrees from North Carolina State University. Starting with a 6 year career in Pharmaceutical Engineering, Adam went on to hold various development and strategy positions in the Enterprise Server and Storage Industry for the past 18 years. He was the Head Engineer for IBM's System x RAID and Storage Group followed by 7 years as IBM's Chief Strategist for System x Flash Solutions before joining SanDisk/Western Digital for the last 4 years. Adam has approximately 200 patents and IP publications issued or pending.