

SSD/AFA

Carlos Pratt, IS²

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SSD & AFA conversation



Solid State Drives

- Use a form of Persistent Memory
 - > Flash are dominant
 - > NVMe?

AFA (All Flash Array)

- Today uses Flash Drives (mostly)
- In the near future
 - > Other technologies
 - > Other forms of control
 - > Focus on latency?

Power characteristics change

- Use Case Dependent
- Behavior characteristics change
 - Use Case Dependent
 - Garbage Collection, a special case?
 - Burstiness

Current Emerald workloads

- Remain relevant?
- Need to be enhanced?
- Develop a new workload set?