Innovating distributed storage design with DAOS software stack and Intel Persistent Memory

**Andrey Kudryavtsev** 

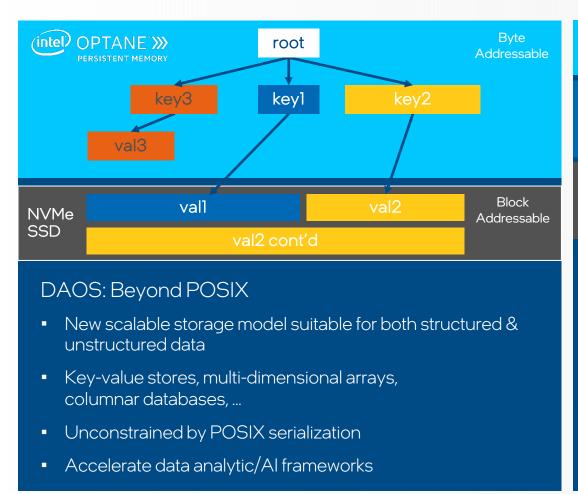


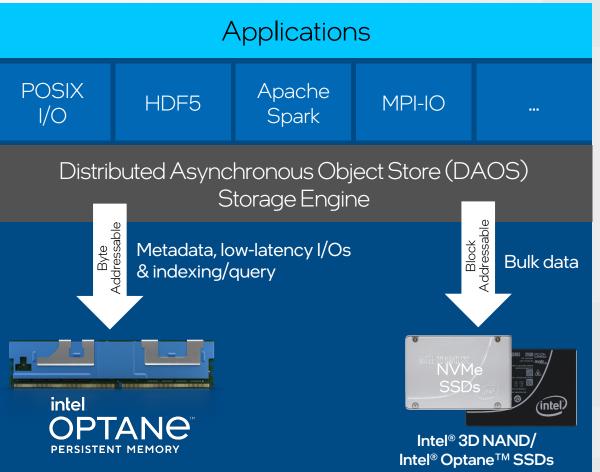
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# DAOS & Intel® Optane™ Persistent Memory

#### Revolutionizing Distributed Storage

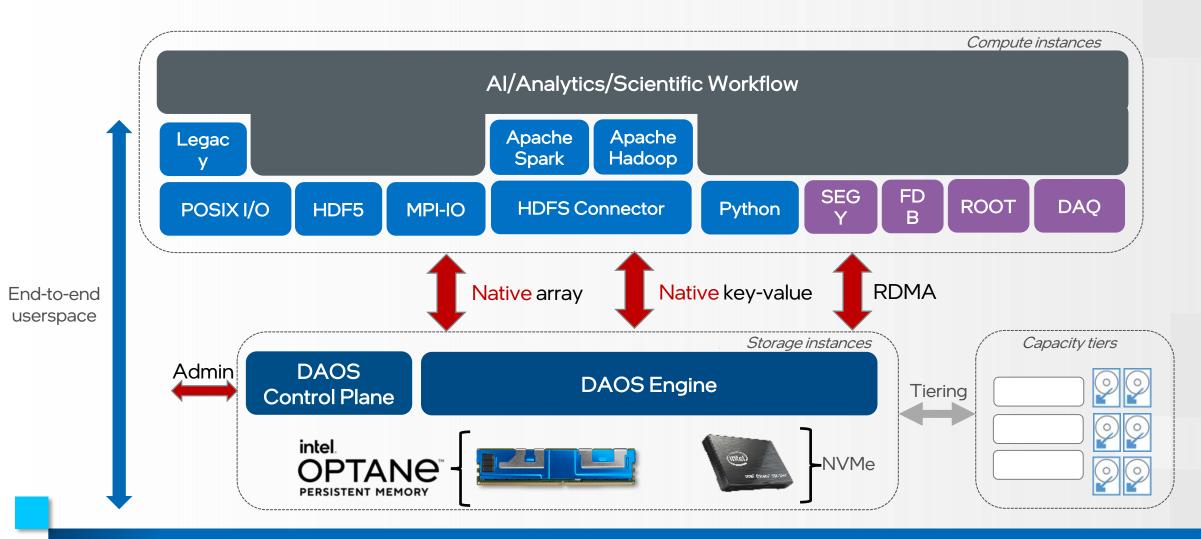




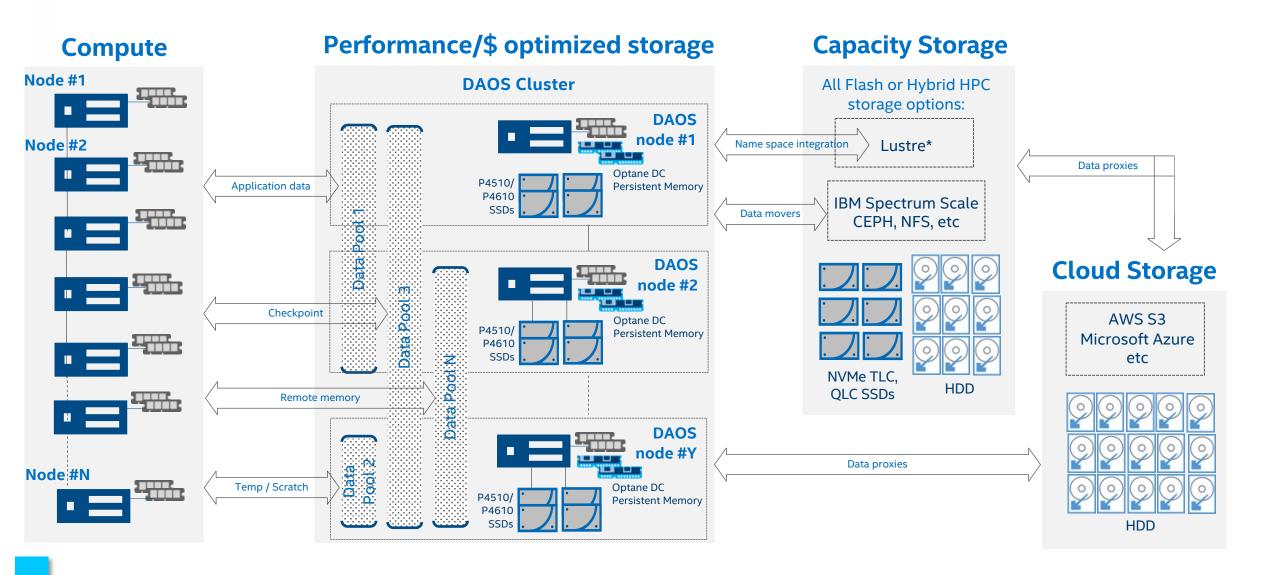
## DAOS Software Ecosystem

Generic I/O middleware supported today

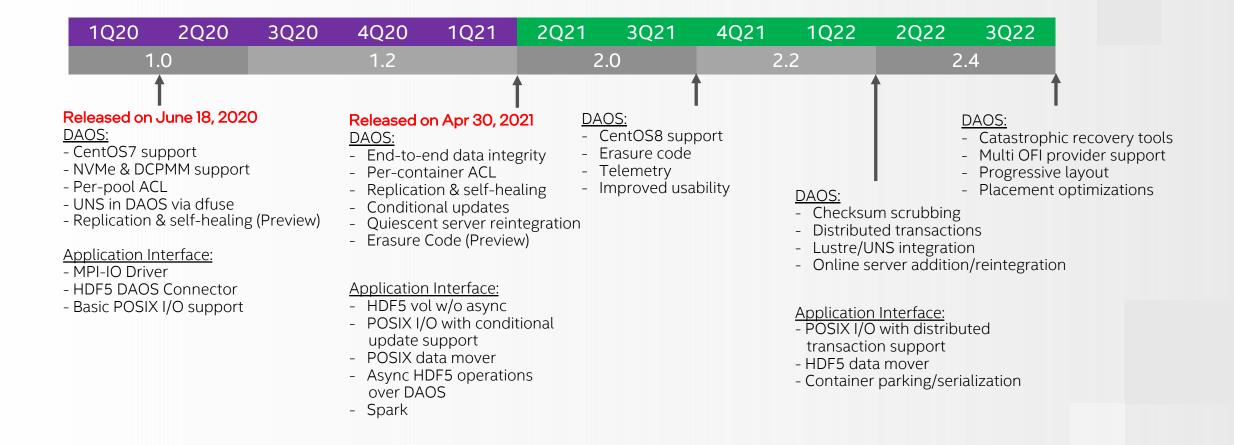
Domain-specific data models under development in co-design with partners



## DAOS in the overall cluster architecture



# DAOS Community Roadmap



NOTE: All information provided in this roadmap is subject to change without notice.

intel

## DAOS Partner Program

Hardware Partners











Reseller Partners



Lenovo





inspur



Software Development and 3<sup>rd</sup> party support









### Resources

- DAOS main page
  - http://daos.io
- DAOS solution brief
  - https://www.intel.com/content/www/us/e
     n/high-performance-computing/
- DAOS and QLC SSD performance
  - https://www.intel.com/content/www/us/e
     n/high-performance-computing/daoshigh-performance-storage-brief.html

#### Source code on GitHub

https://github.com/daos-stack/daos

#### Admin Guide

https://daos-stack.github.io/

Community mailing list on Groups.io

daos@daos.groups.io

#### Support

https://jira.hpdd.intel.com

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