Hodor: Intra-Process Isolation for High-Throughput Data Plane Libraries
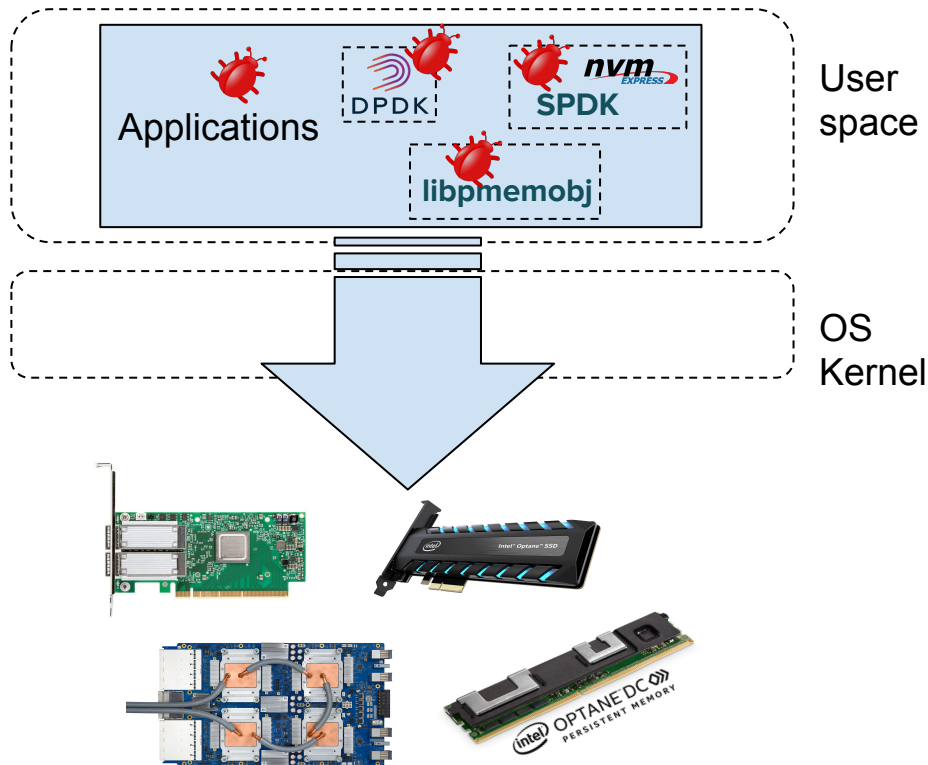
Mohammad Hedayati, Spyridoula Gravani, Ethan Johnson,
John Criswell, Michael L. Scott, Kai Shen, Mike Marty

UNIVERSITY *of* ROCHESTER

2019 USENIX Annual Technical Conference
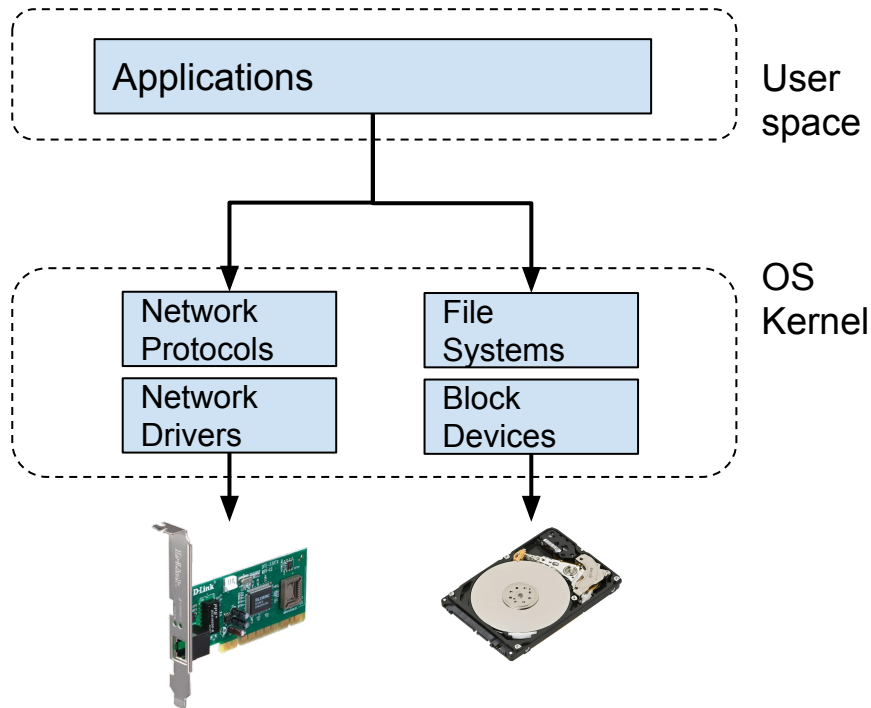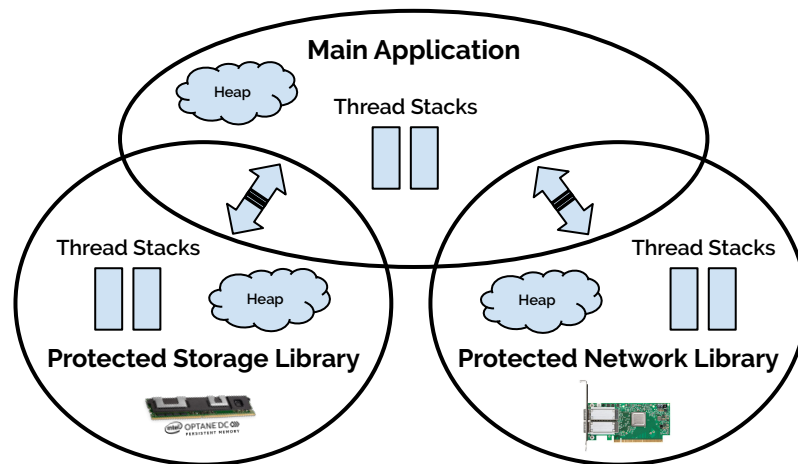
Kernel-bypass I/O

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Hodor

- *Protected Libraries* as a new OS abstraction
  - Separate User-level Protection Domains for Services
  - Enable Sharing across Distrusting Applications

- Up to **2.3 million** library transition per second per core

Find out more...

Thursday, July 11, 2:00pm
Track I - Virtualization Flavors