



OVS

Open vSwitch

Testing OVS at the DPDK Community Lab

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Overview

- 1) What is the DPDK Community Lab
- 2) Hardware Vendors
- 3) Testing
 - a) Smoke testing
 - b) Performance testing with `ovs_perf`
- 4) Contact Information and Questions

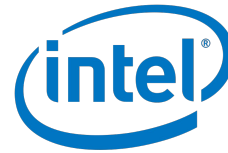
What is the DPDK Community Lab?

- Performance testing for DPDK
- Smoke testing for DPDK
- Participation with downstream projects
- Hosted by the UNH InterOperability Lab



University of New Hampshire
InterOperability
Laboratory

Hardware Vendors



Smoke testing

- Runs in containers with podman
- Compiling on different operating systems and build systems
- Use the “dpdk_latest” branch in the OVS repository



podman

Performance Testing

- Runs on bare metal
- ovs_perf (https://github.com/chaudron/ovs_perf)
- Runs whenever dpdk master is updated

OverlayFS
Overlay - /{A, <u>B</u> ,C} (combined)
Upper - /{ <u>B</u> ,C} (rw - tmpfs)
Lower - /{A,B} (ro)

Contact

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