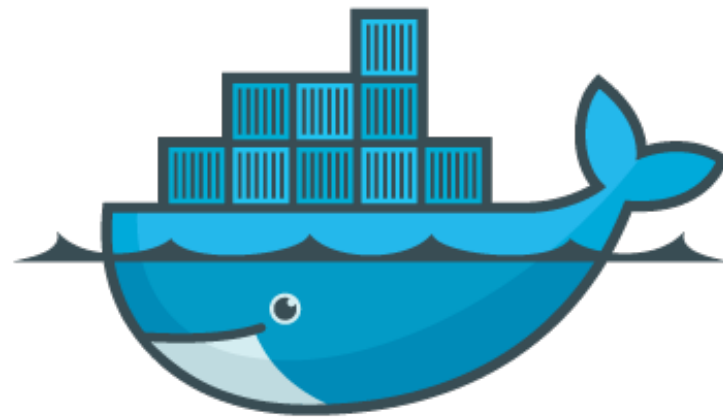


Open vSwitch powered Docker

State of the Union

- `INSTALL.Docker`
- github.com/jpettazo/pipework
- Docker Proposals
 - 8951, 8952, 8997

WHY-DOCKER

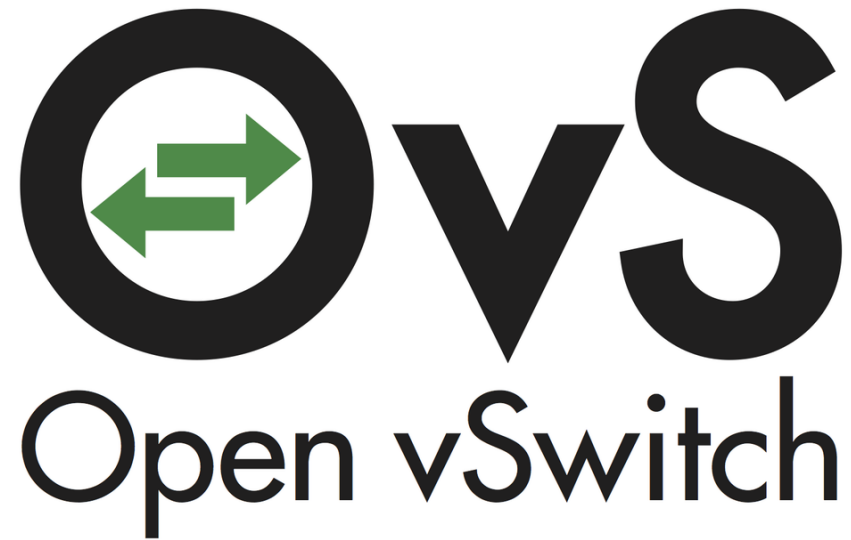


docker

WHY-DOCKER

- Application Packaged with Dependencies
- Dockerfile
- Lightweight

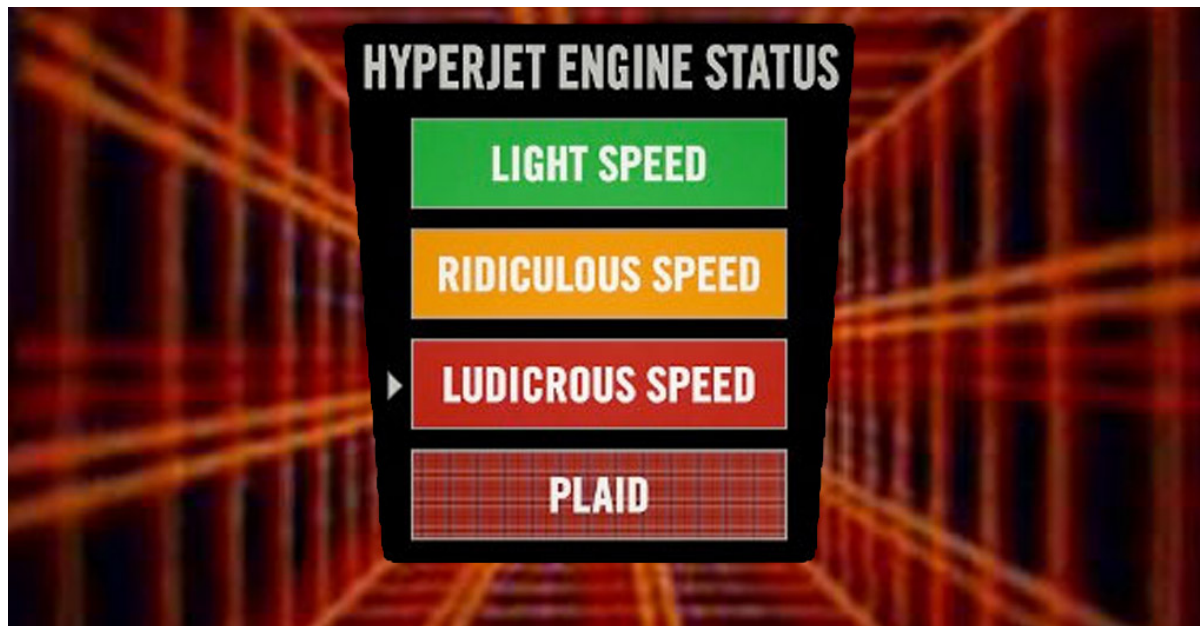
WHY-OVS



WHY-OVS

- Performance
- Scale
- Reliability
- Manageability
- DevOps-ability

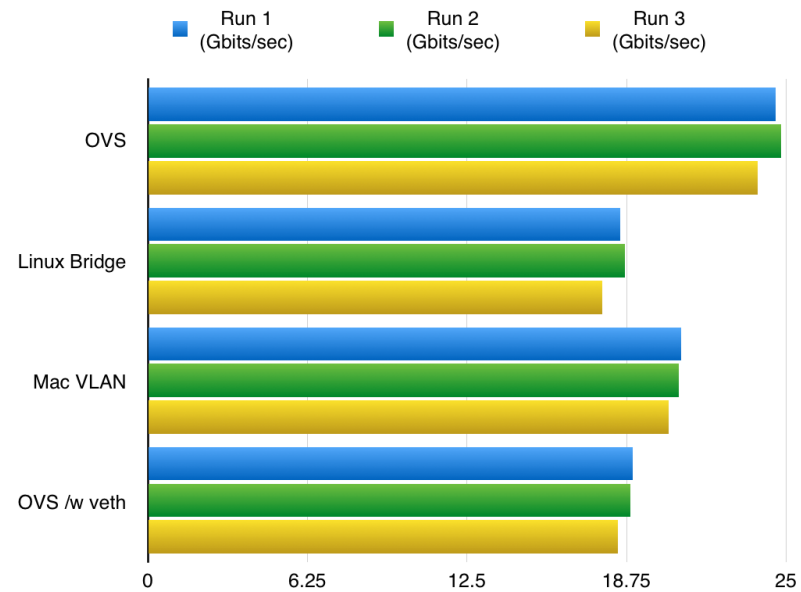
WHY-OVS



WHY-OVS

Container Connection Comparison

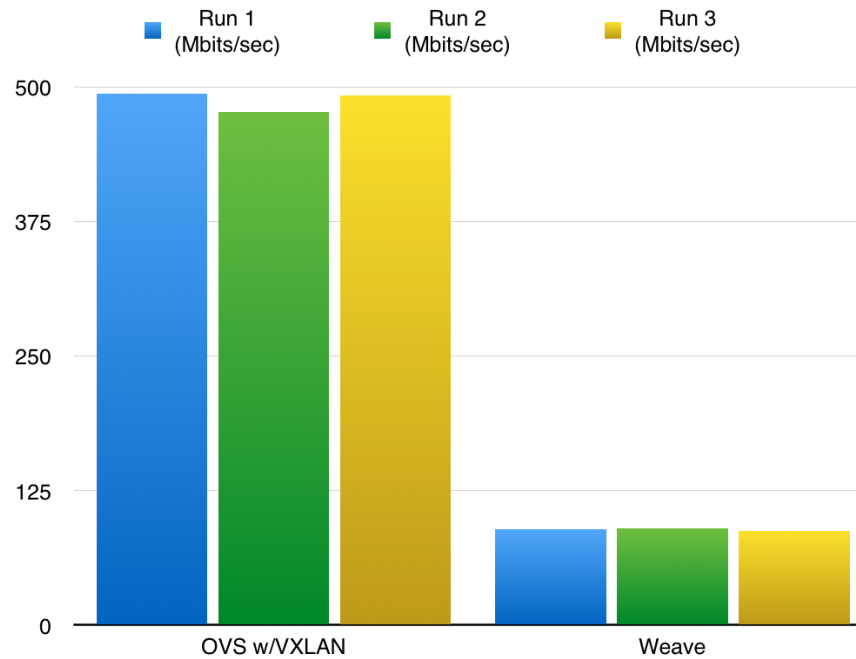
	Run 1 (Gbits/sec)	Run 2 (Gbits/sec)	Run 3 (Gbits/sec)
OVS	24.6	24.8	23.9
Linux Bridge	18.5	18.7	17.8
Mac VLAN	20.9	20.8	20.4
OVS /w veth	19	18.9	18.4



WHY-OVS

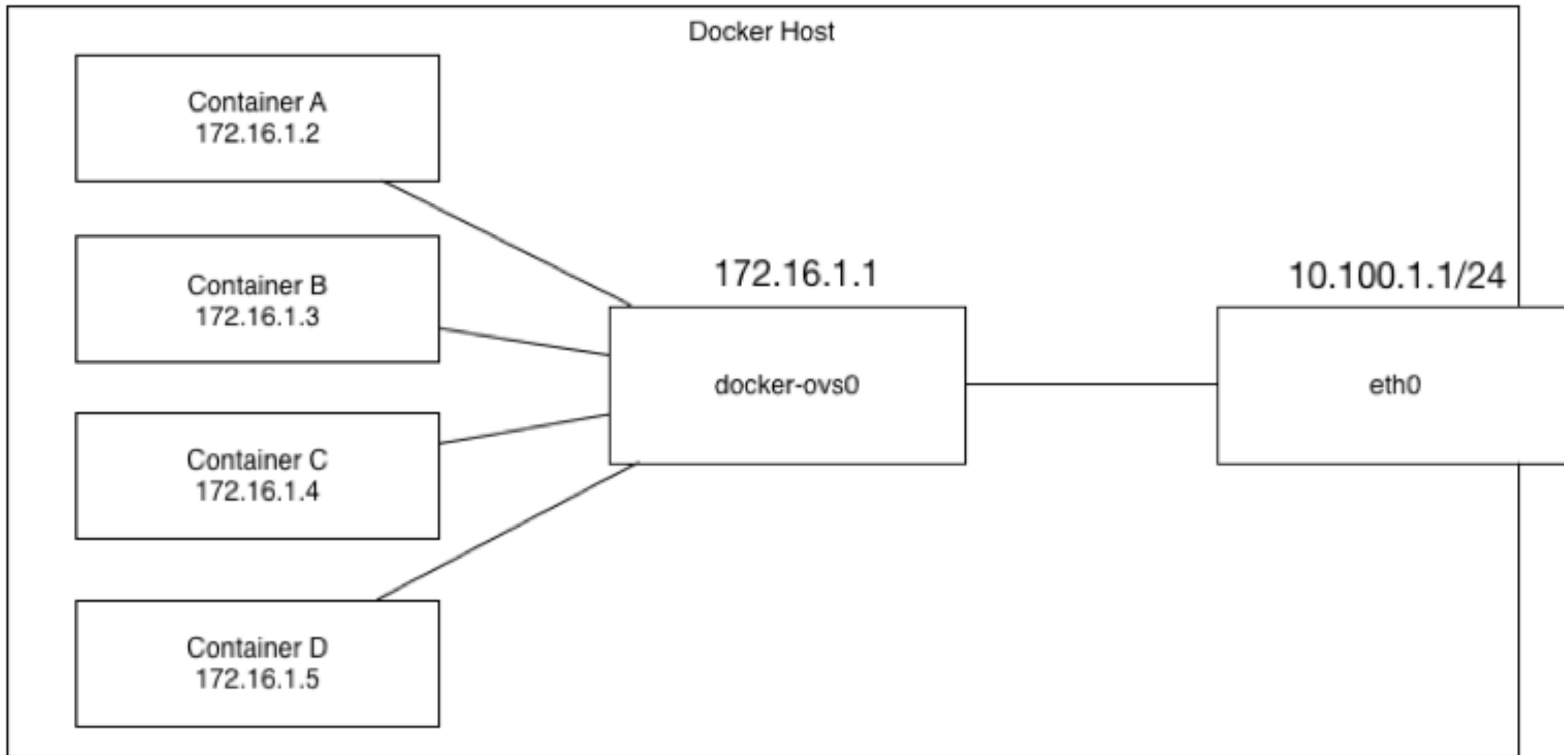
Overlay Comparison

	Run 1 (Mbits/sec)	Run 2 (Mbits/sec)	Run 3 (Mbits/sec)
OVS w/ VXLAN	494	477	492
Weave	89.4	89.8	87.8

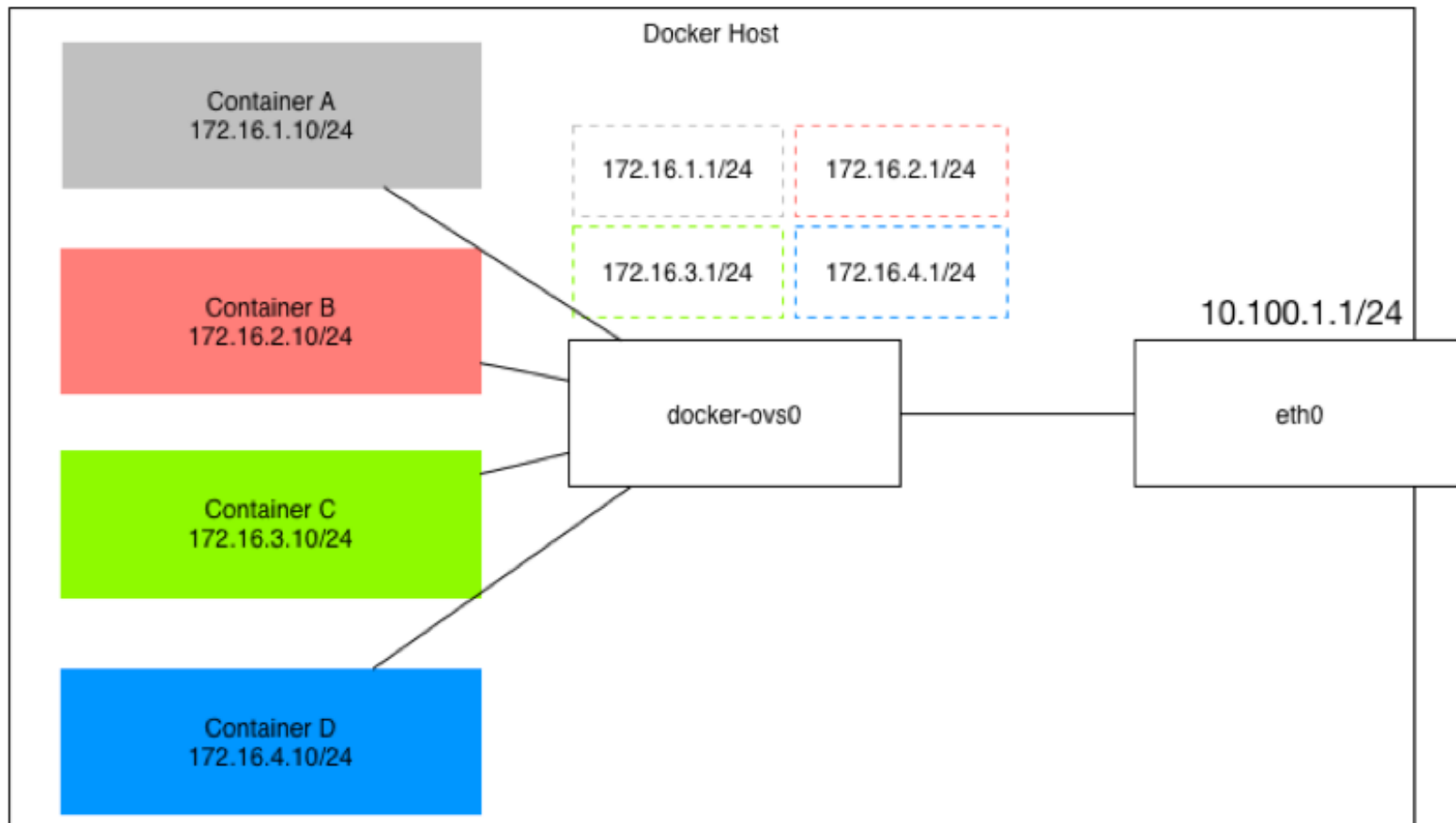


User Benefits

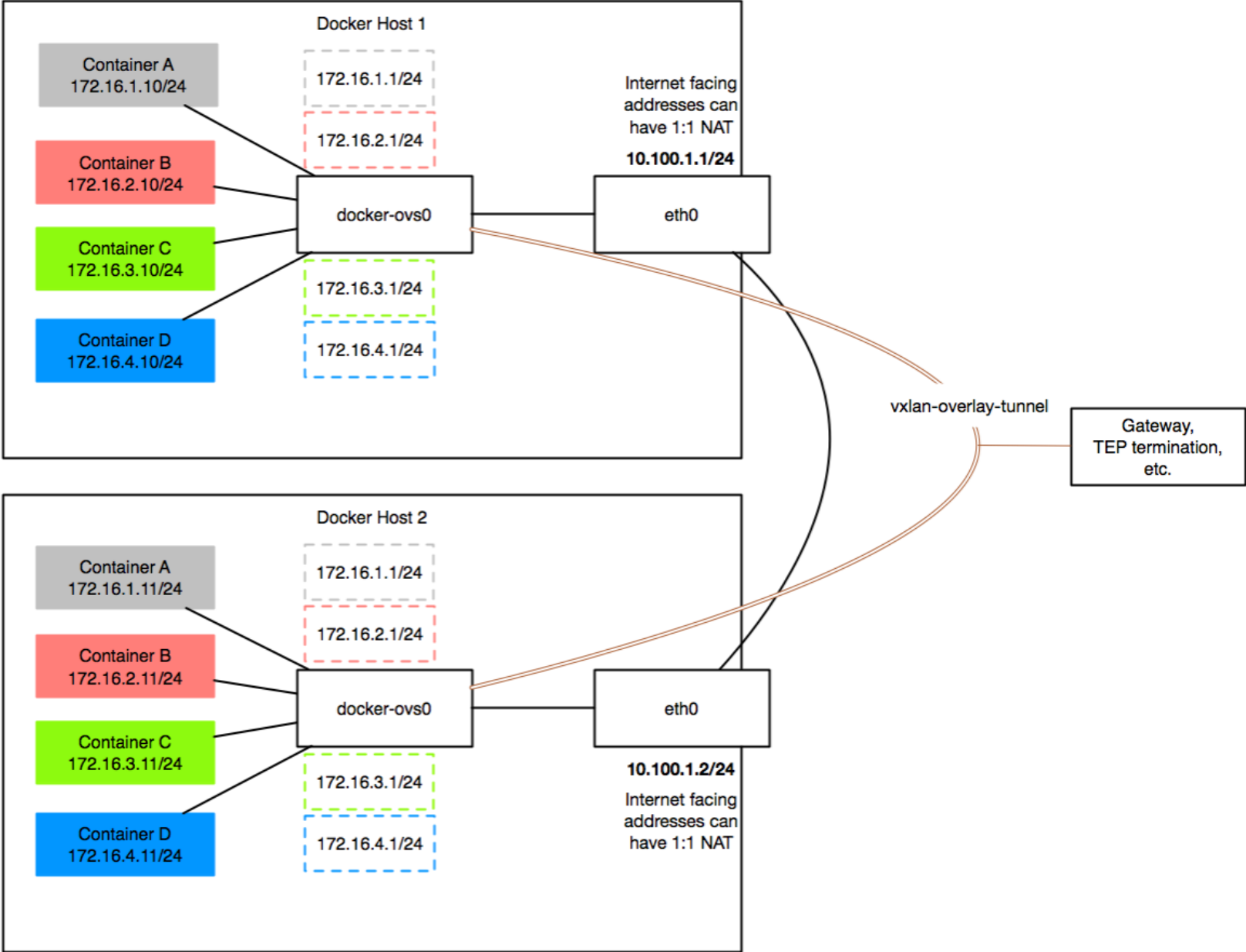
- Coherent Network Virtualization Story
- Standardization of the Virtual Edge
- A DevOps-capable Network

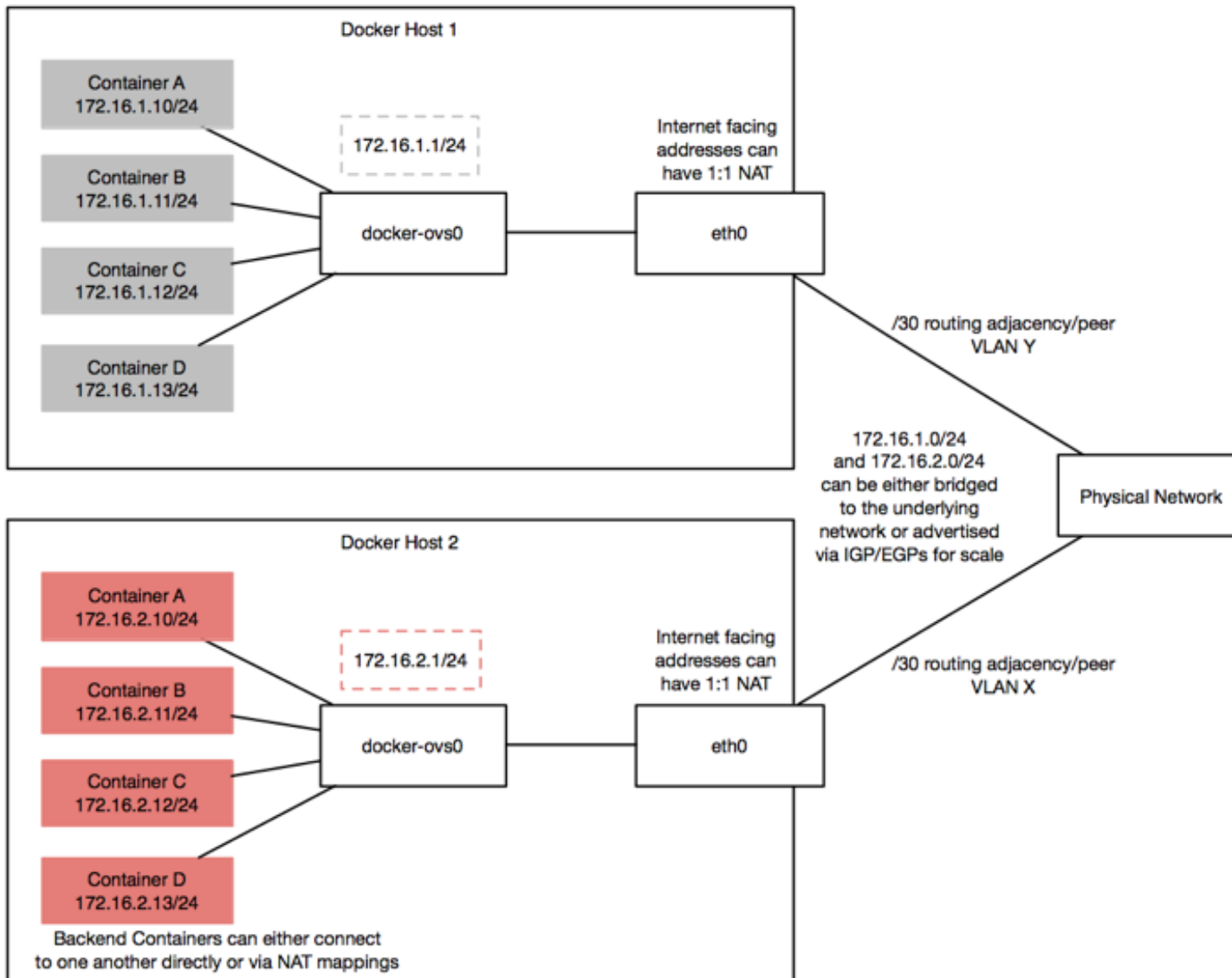


Single Host - With Flexible Addressing



Multiple Hosts - VXLAN Network Overlay





Benefits for OVS

- Broader Adoption
- Wider user-base
- DevOps perspectives

Questions?