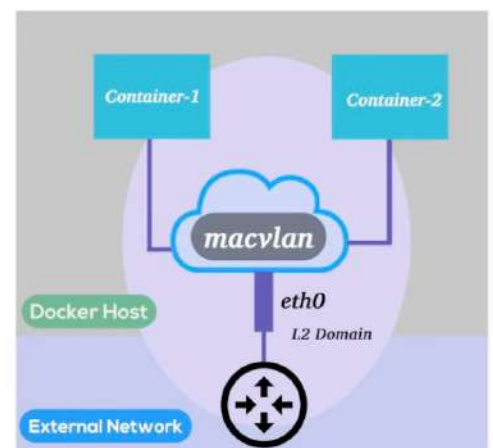


How **macvlan** works?

- ✓ Macvlan driver assign a MAC address to each container's virtual interface
- ✓ Designate a physical interface on docker host along with the subnet and gateway to configure a macvlan
- ✓ Appear network interface card directly connected to the physical network
- ✓ Eliminates the need for Linux bridge, NAT and port- mapping

Automation Use Cases



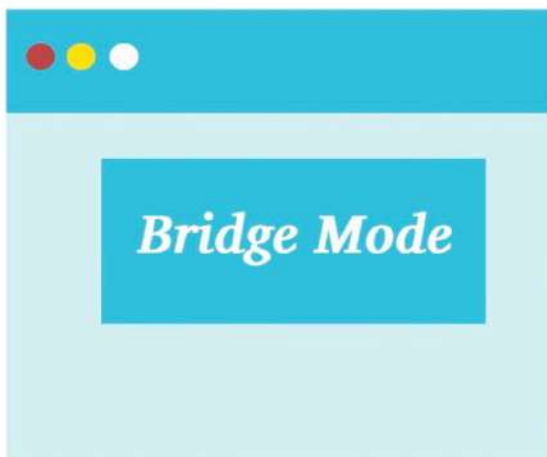
Container IP = Host/External Network Range

Avik_AD

DOCKER 
Complete Hands-On Course

Macvlan Network Types

1



Automation Use Cases

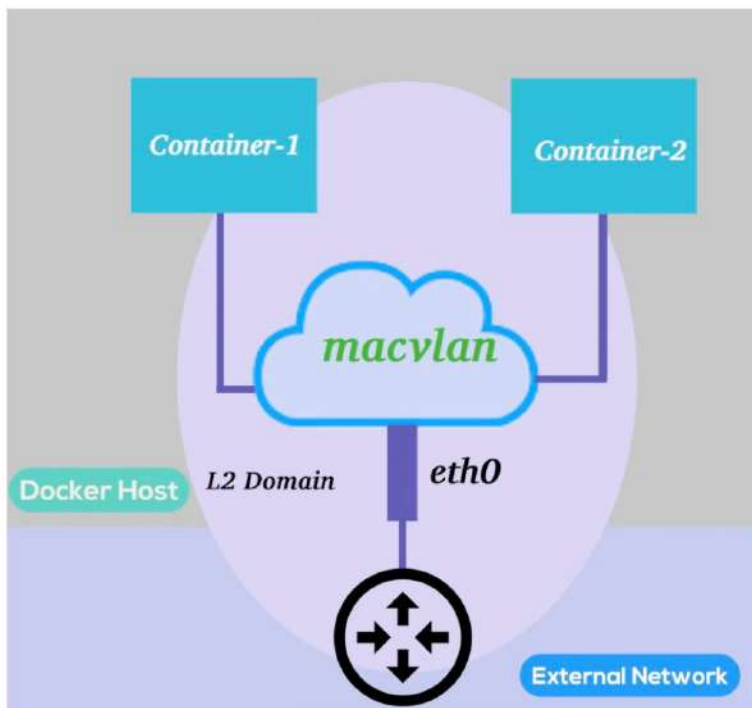
2



Avik_AD

DOCKER 
Complete Hands-On Course

Macvlan Network Types



Automation Use Cases

1

Bridge Mode

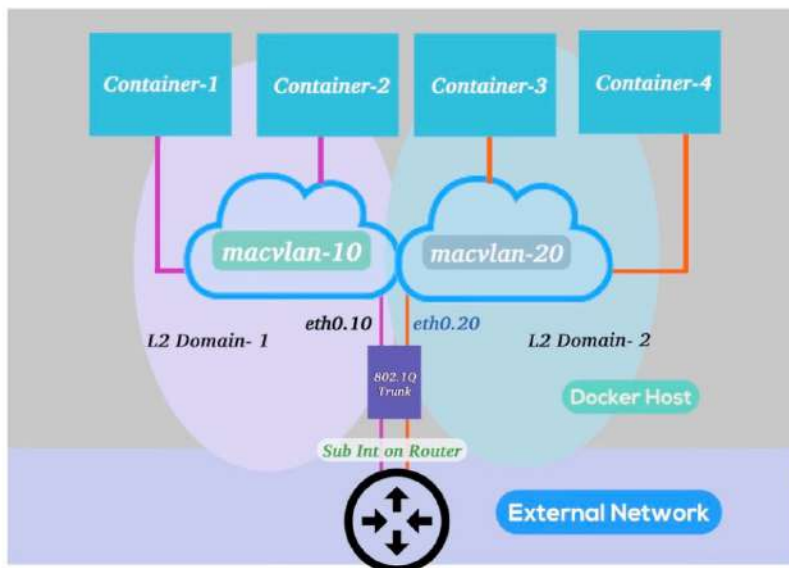
Tagged with *physical interface* on Linux Host

✓

Avik_AD

DOCKER 
Complete Hands-On Course

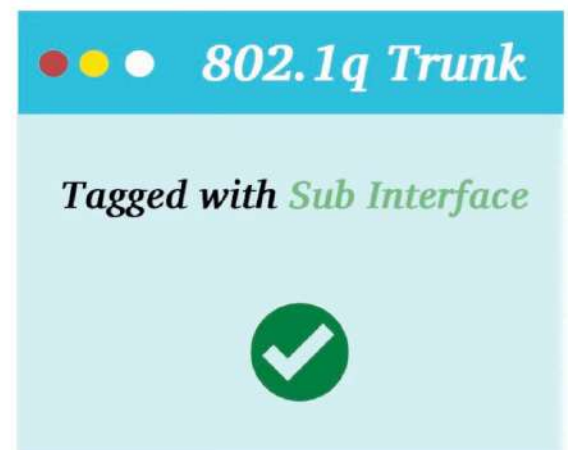
Macvlan Network Types



802.1q (dot1q) Tagging

Automation Use Cases

2



Avik_AD
DOCKER
Complete Hands-On Course