

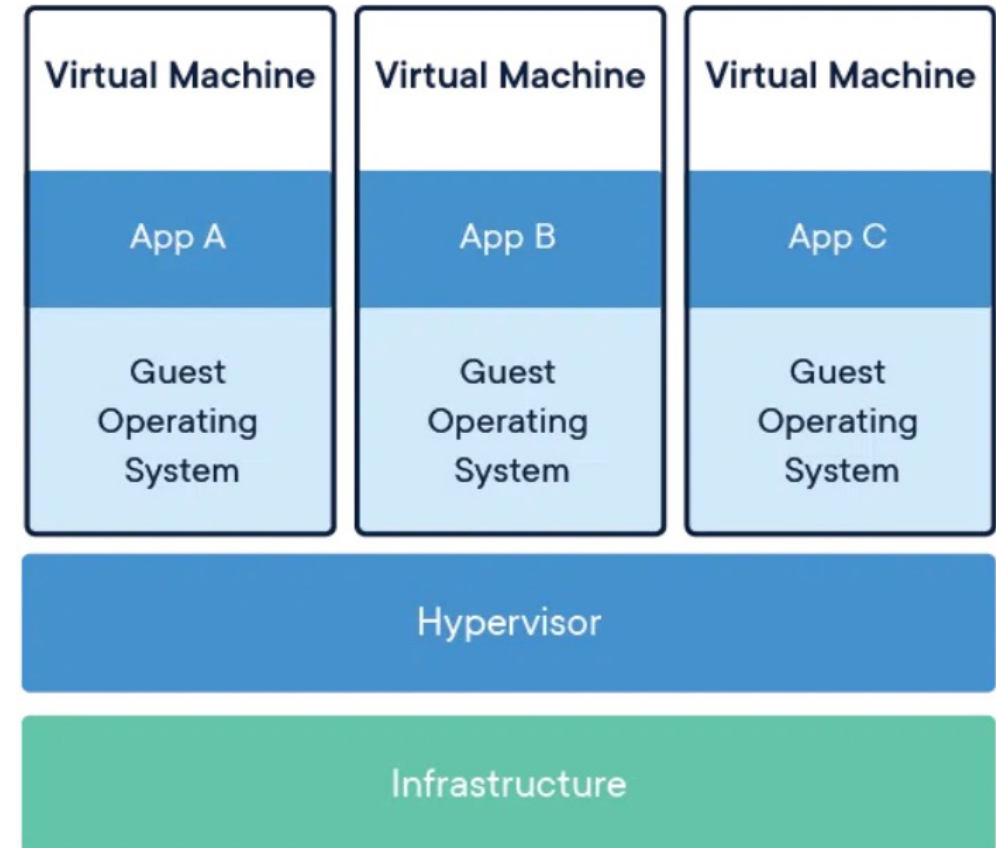
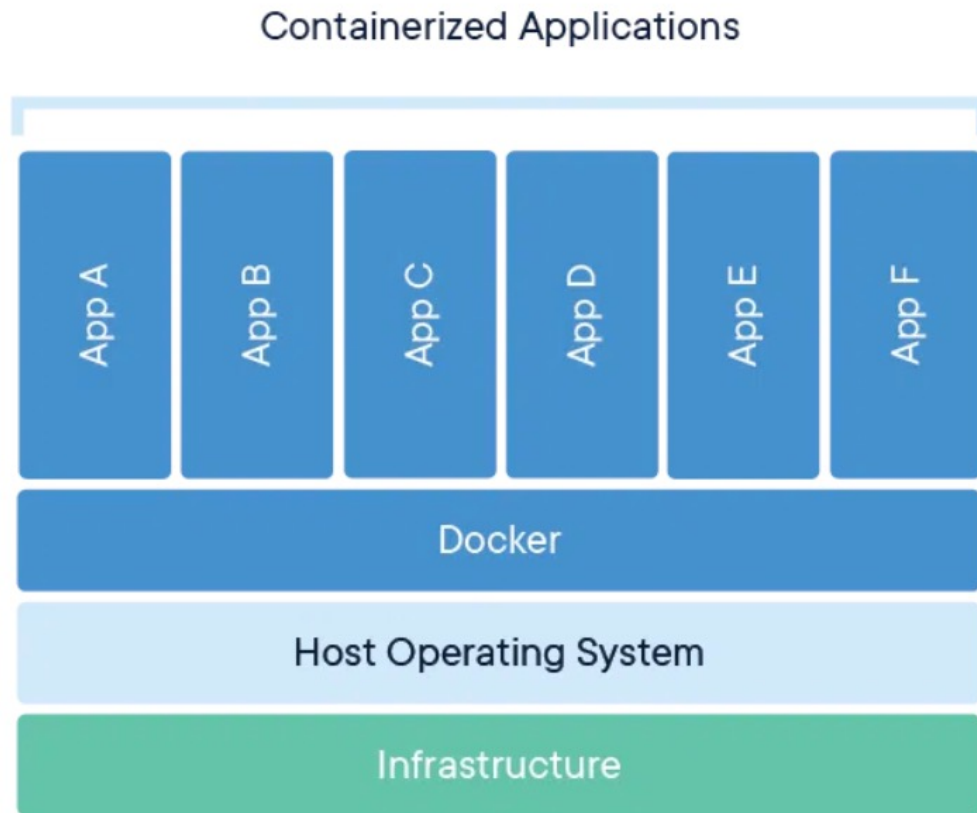


Docker and Docker Network

OpsNow ArchOps 심선보(seonbo.shim@bespinglobal.com)

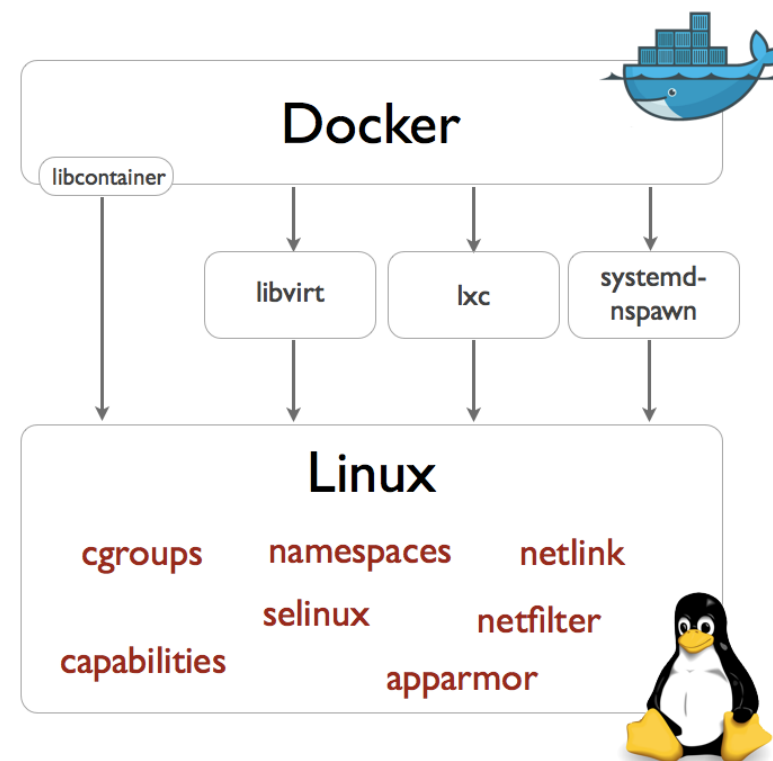
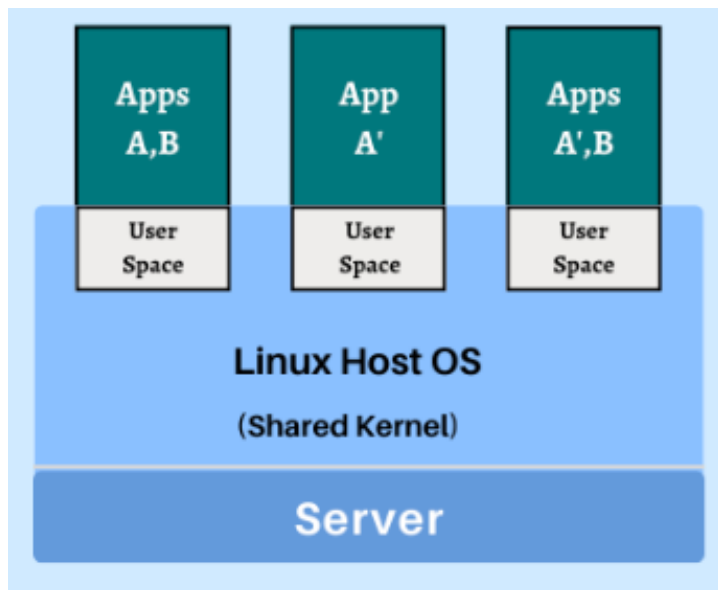
Version 1.0

Container

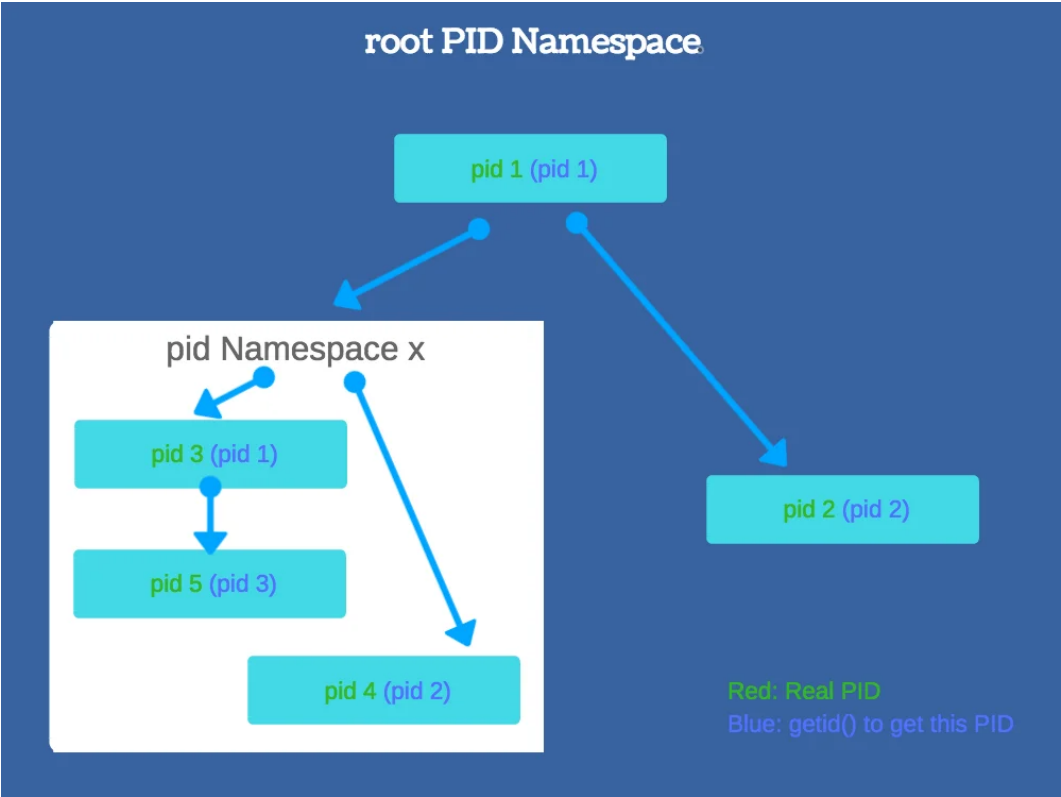


[Containers and Virtual Machines Together](#)

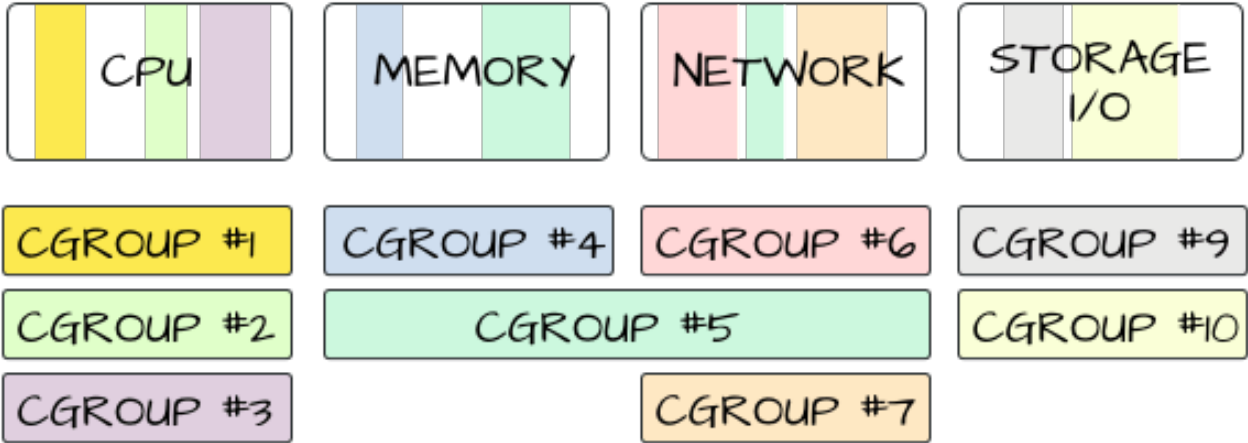
Container Isolation



Linux Containers (LXC)

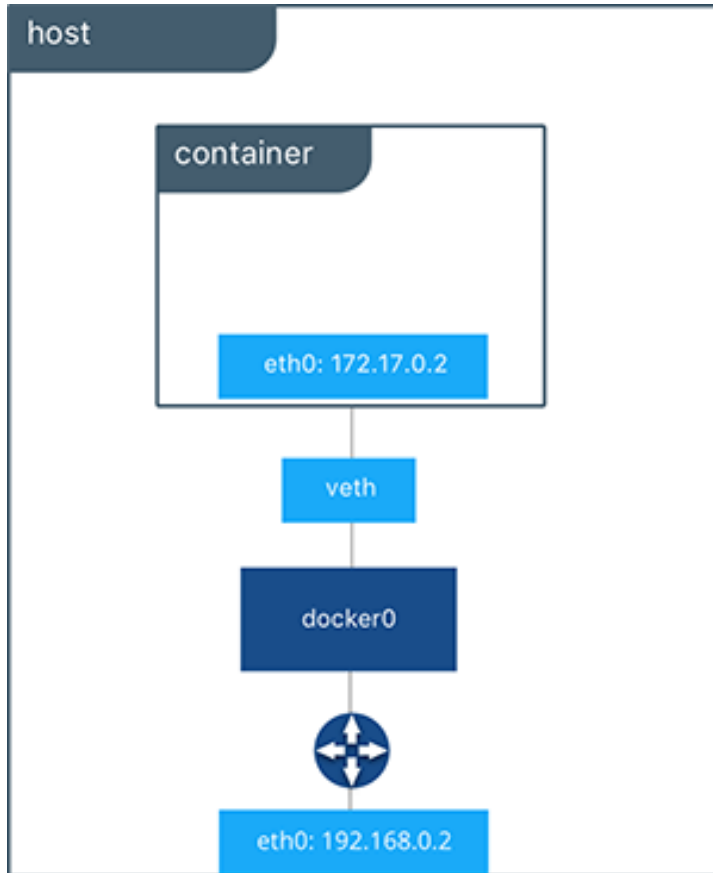


Namespaces



cgroups

Network containers

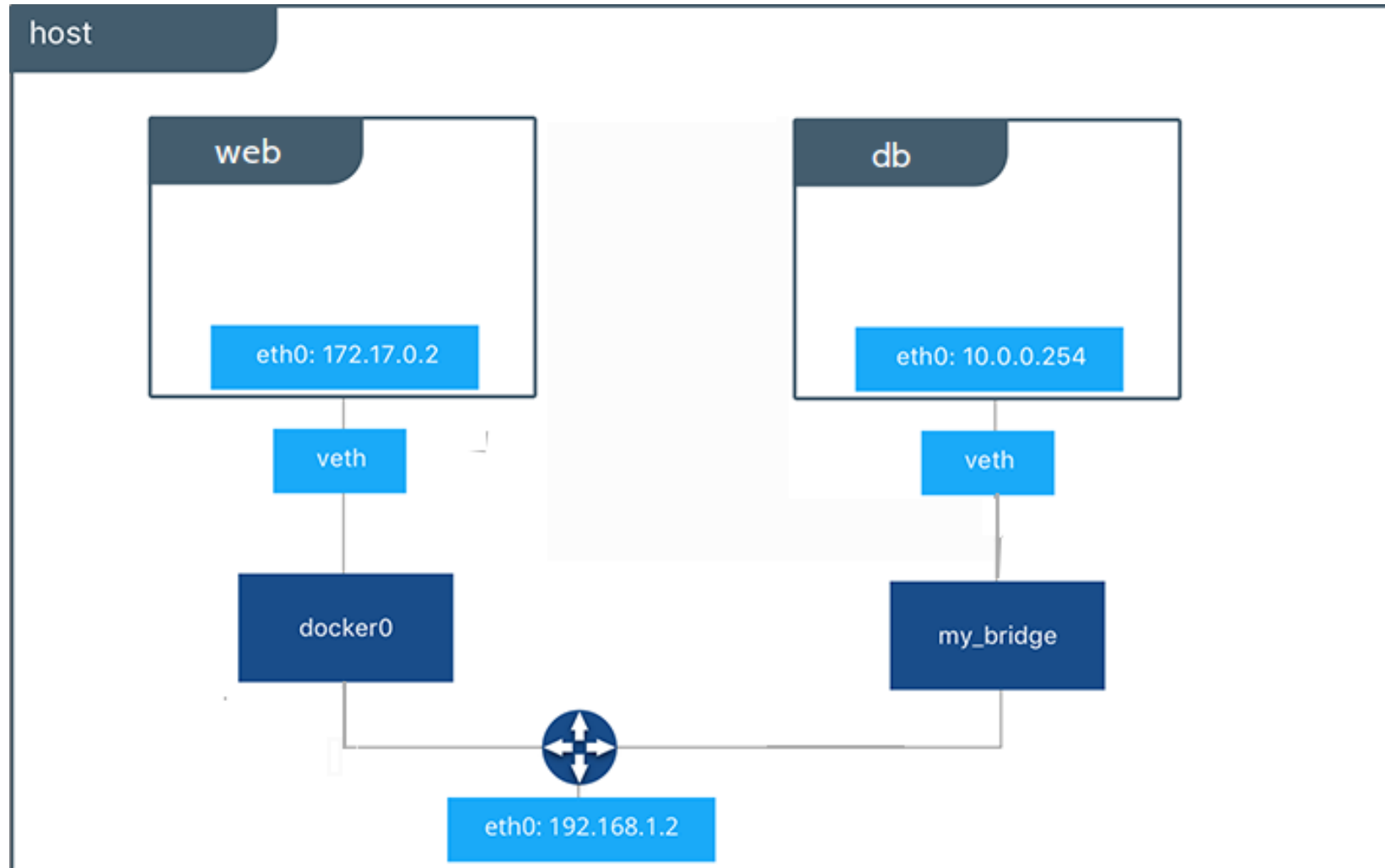


Network Container

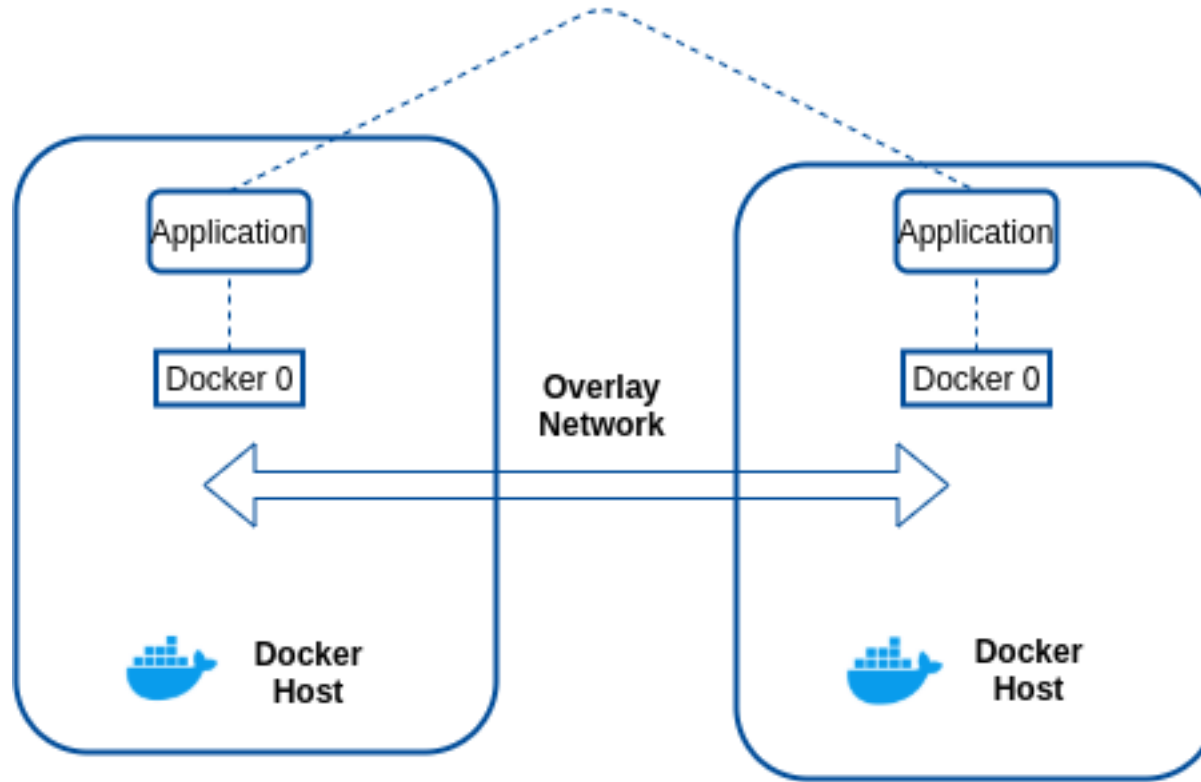
“docker0” 는 네트워크 인터페이스

```
sh-5.2$ ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
        valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host
        valid_lft forever preferred_lft forever
2: ens5: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 9001 qdisc mq state UP group default qlen 1000
    link/ether 02:03:c3:f3:2f:1a brd ff:ff:ff:ff:ff:ff
    altnam enp0s5
    altnam eni-0c52f3241cab9baa1
    altnam device-number-0
    inet 10.33.100.64/24 metric 512 brd 10.33.100.255 scope global dynamic ens5
        valid_lft 3250sec preferred_lft 3250sec
    inet6 fe80::3:c3ff:fef3:2f1a/64 scope link
        valid_lft forever preferred_lft forever
3: docker0: <NO-CARRIER,BROADCAST,MULTICAST,UP> mtu 1500 qdisc noqueue state DOWN group default
    link/ether 02:42:51:79:6a:d9 brd ff:ff:ff:ff:ff:ff
    inet 172.17.0.1/16 brd 172.17.255.255 scope global docker0
        valid_lft forever preferred_lft forever
```

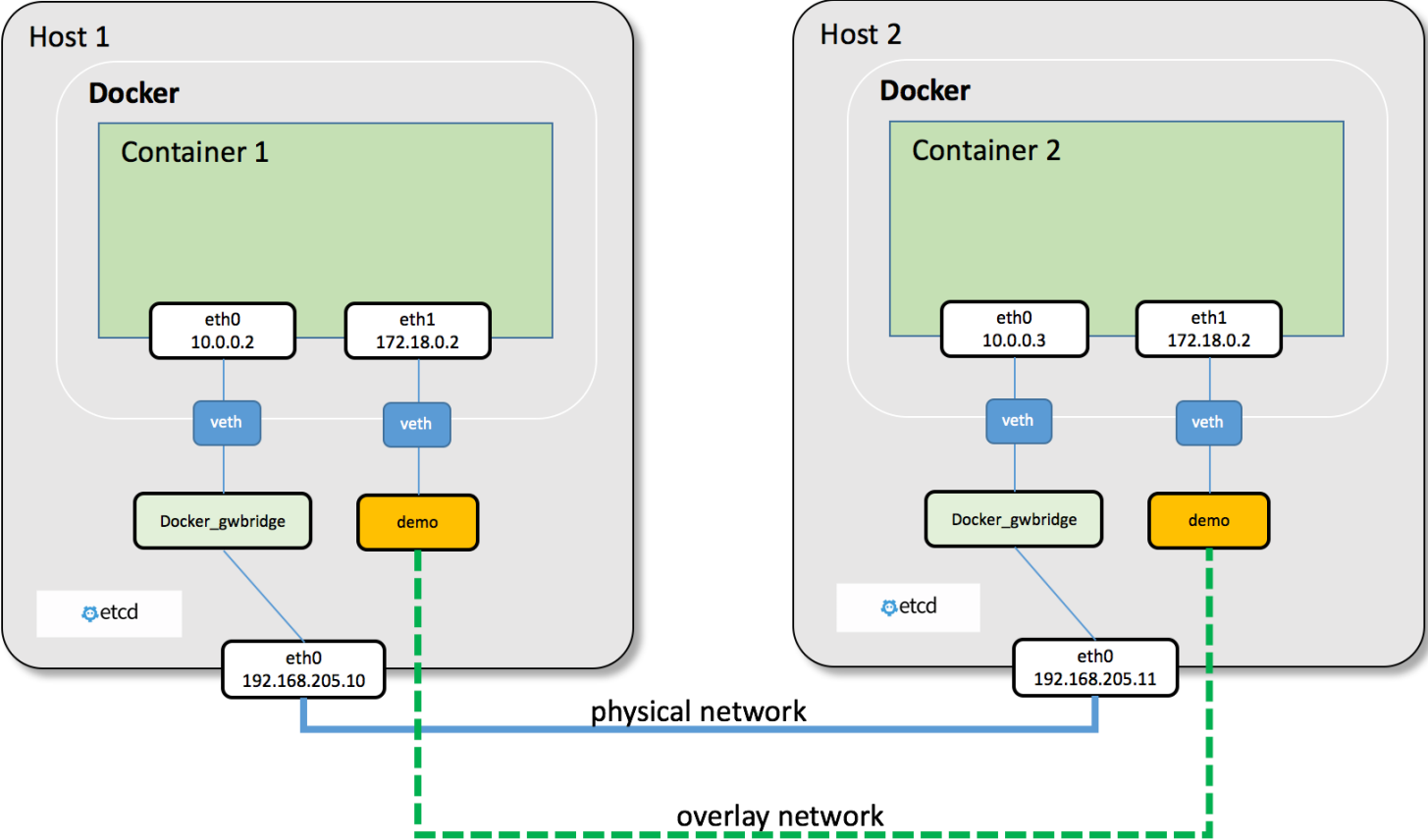
Network – Bridge



Network – Overlay 개요



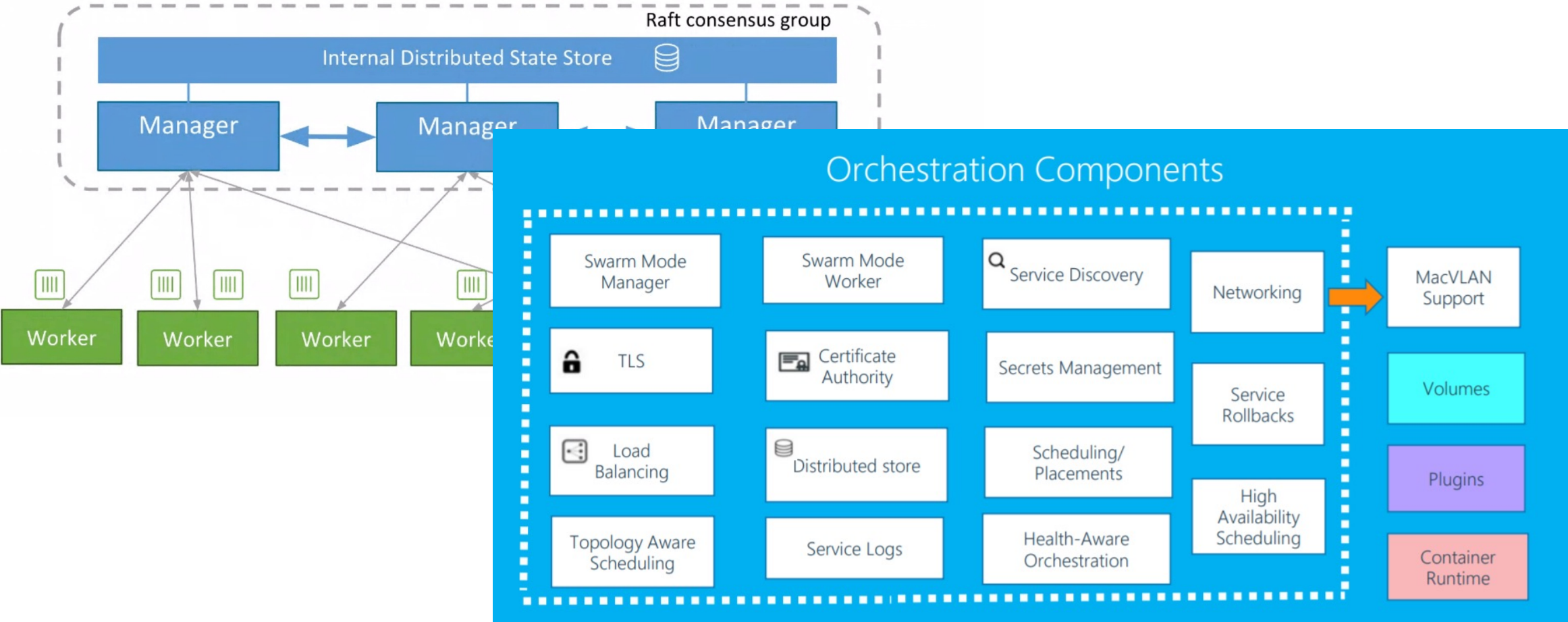
Network – Overlay network on Swarm



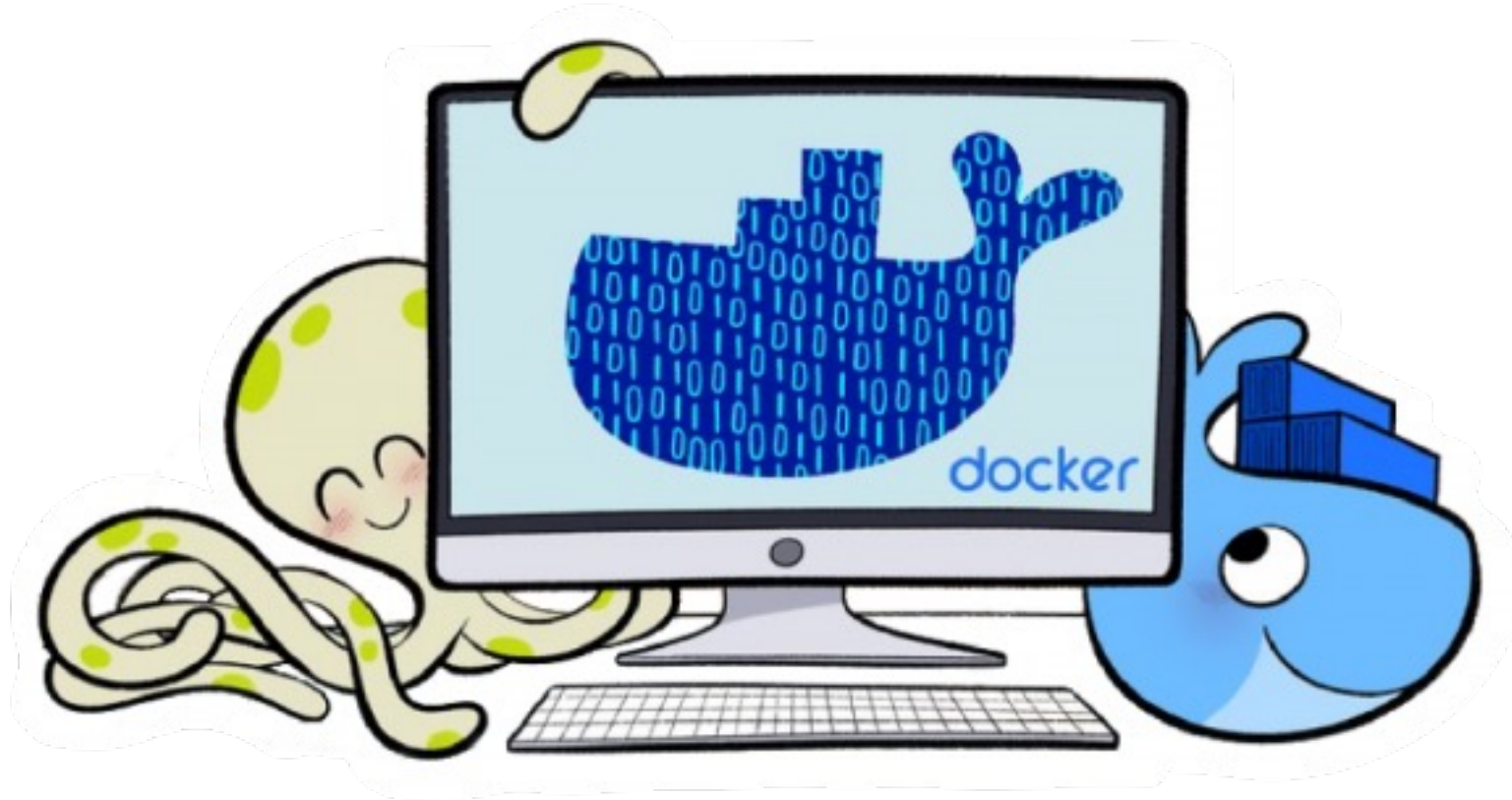
CNI Plugins Review

Docker 만으로 어려운 이유

Swarm Architecture



Docker Hands-On



[Docker Hands On](#)



감사합니다

BESPIN GLOBAL