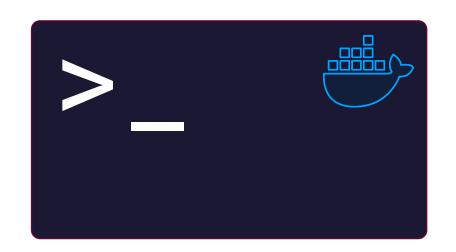
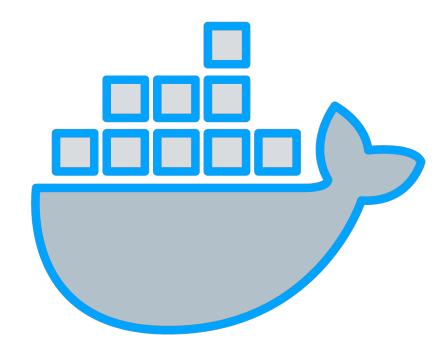
Up Next:

Docker Architecture: Big Picture



Client

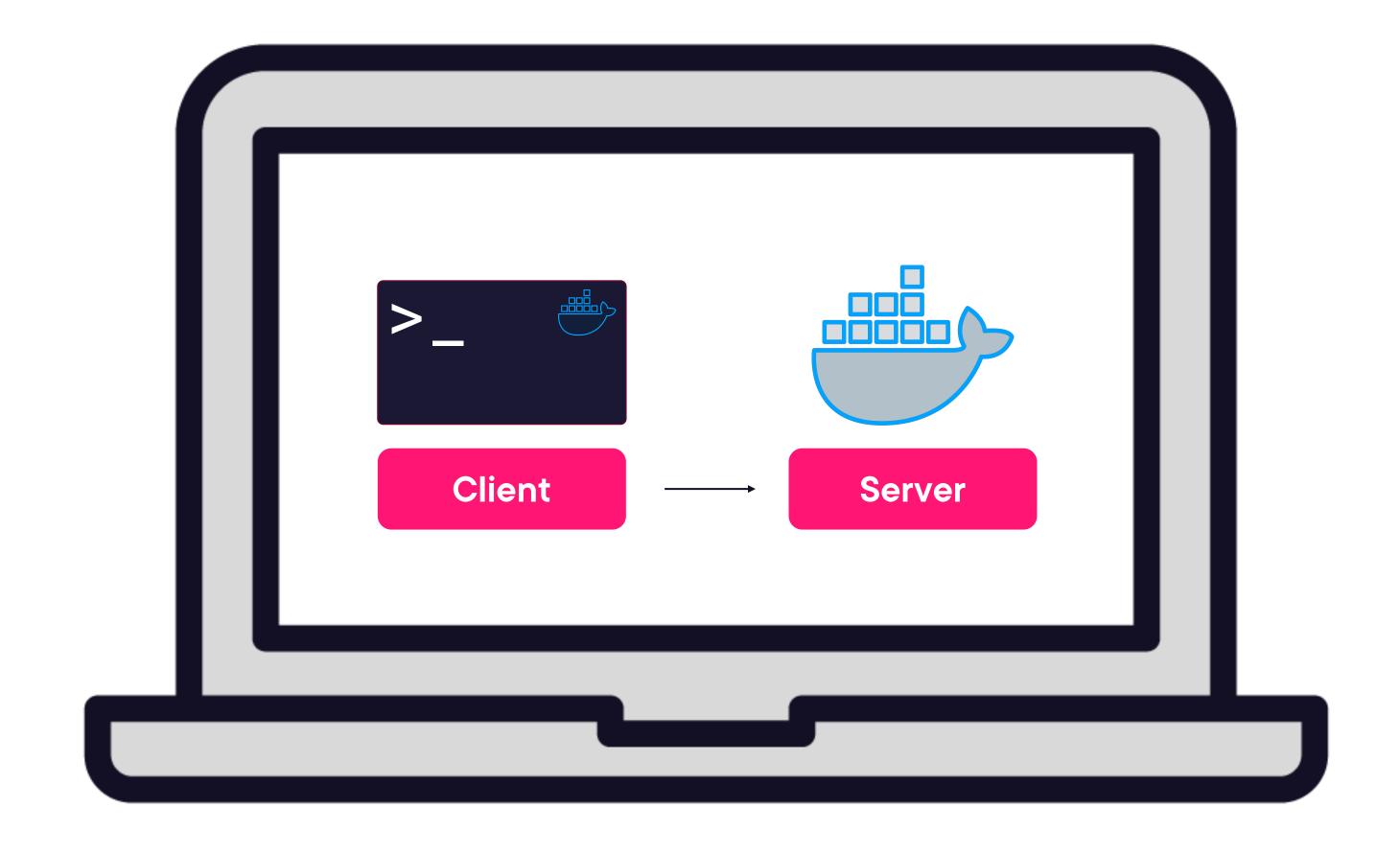


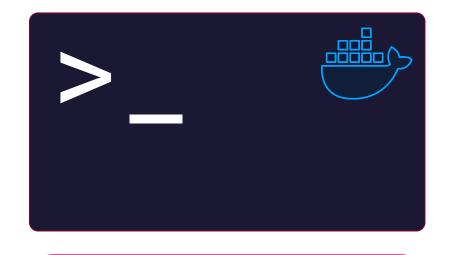


Client

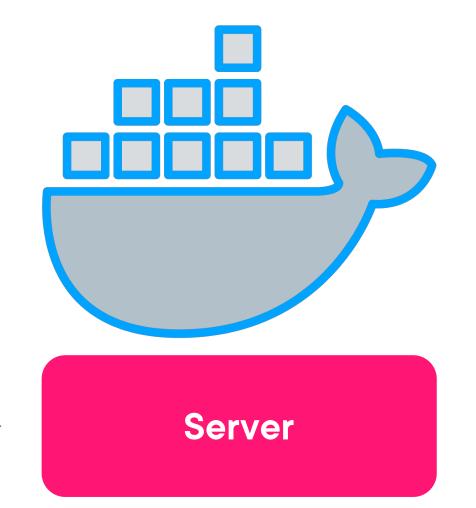
Server







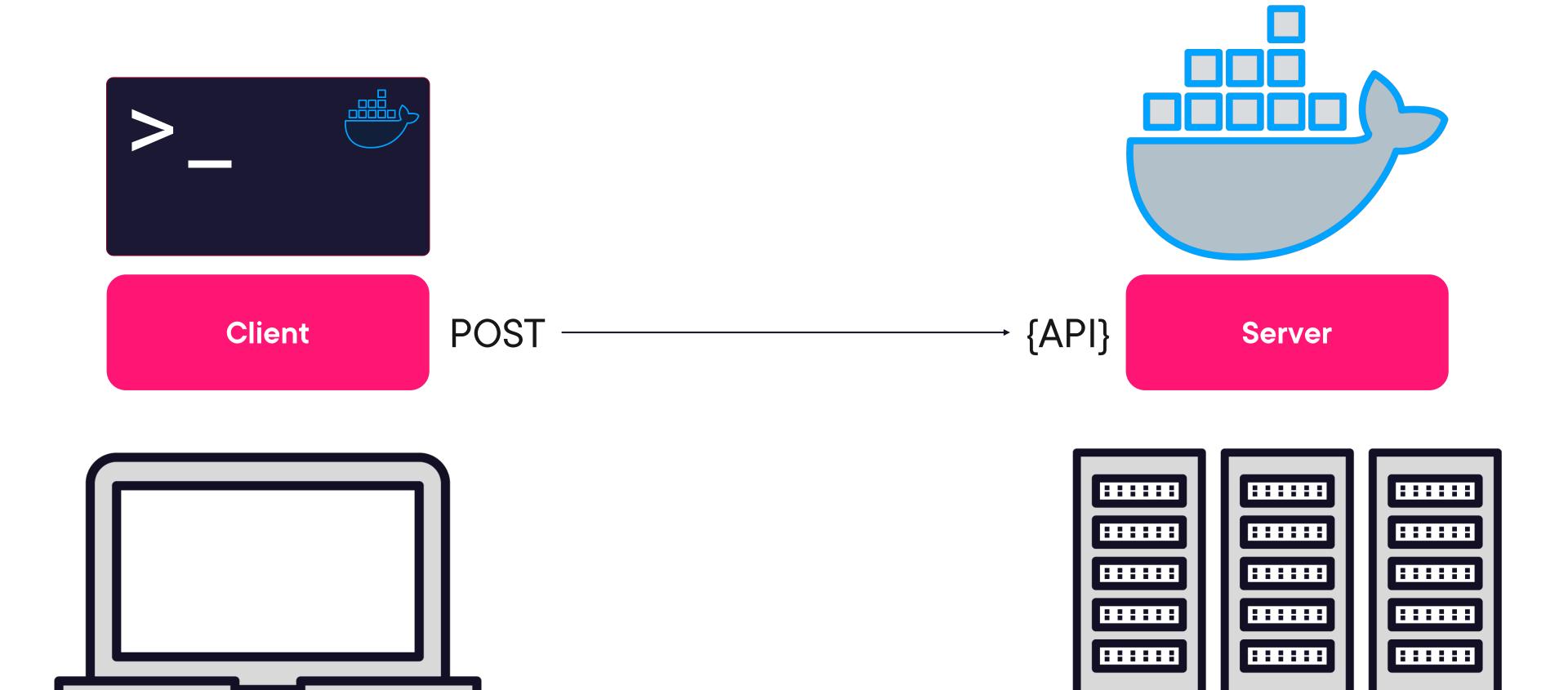
Client

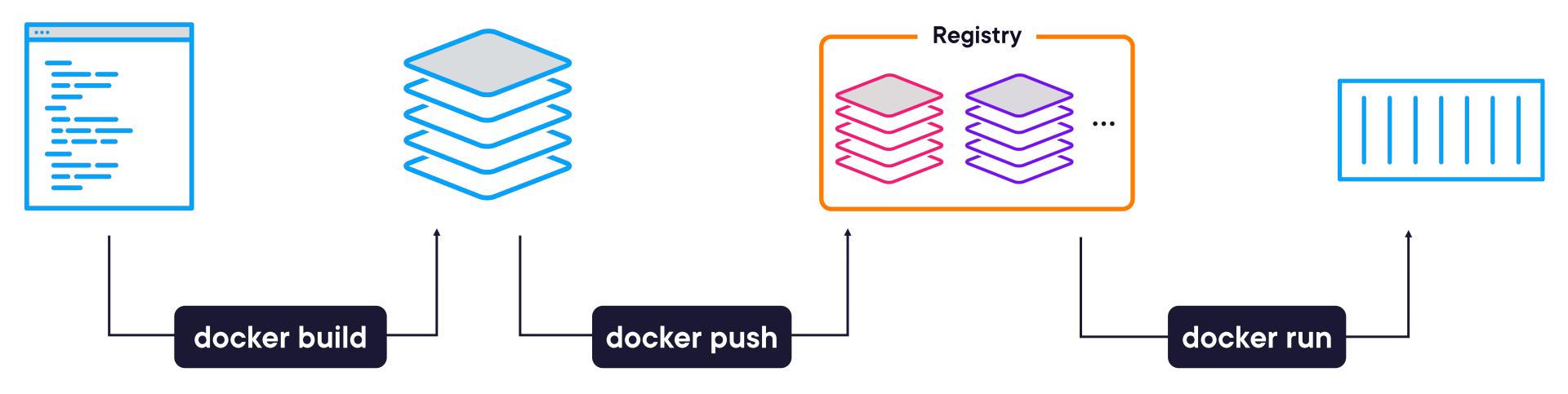




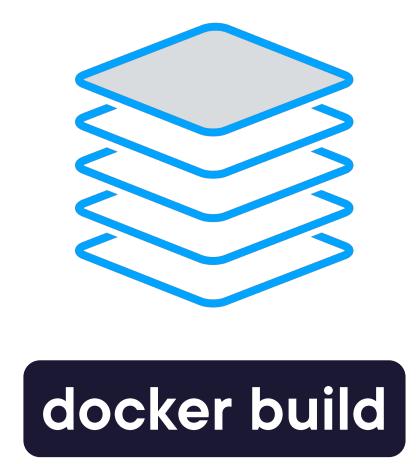


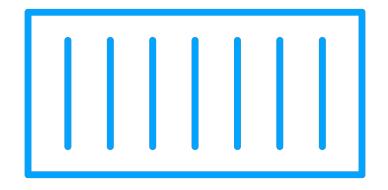












docker run

OCI image

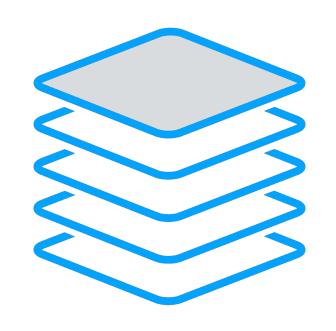
OCI container

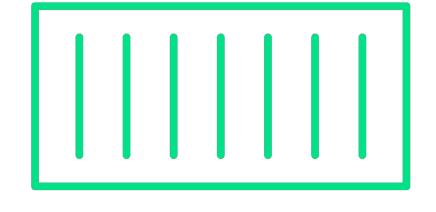


Open Container Initiative (OCI)

Standards body for low-level container-related standards.







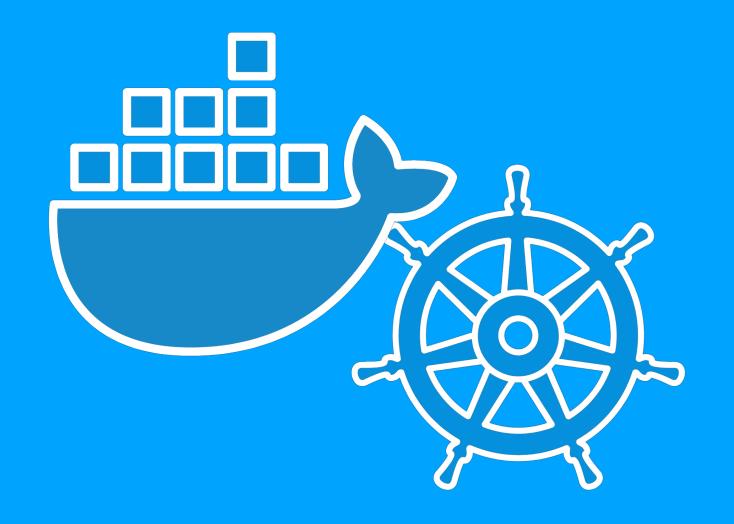
All mean the same

Image
Container image
Docker Image
OCI image

All mean the same

Container
Docker container
OCI container



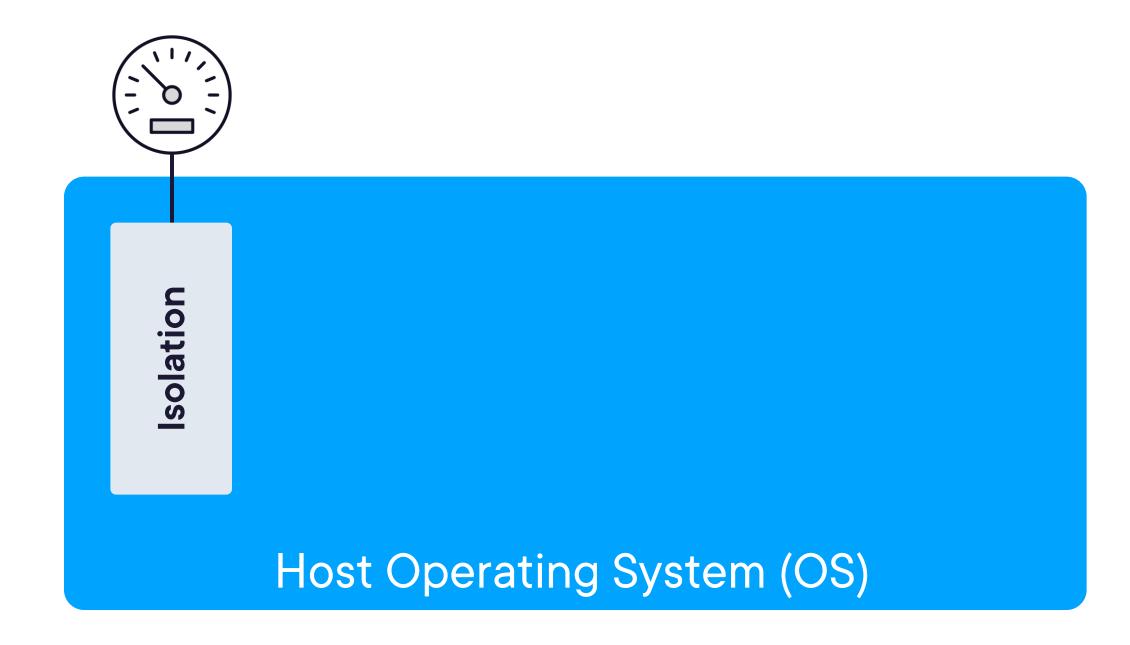


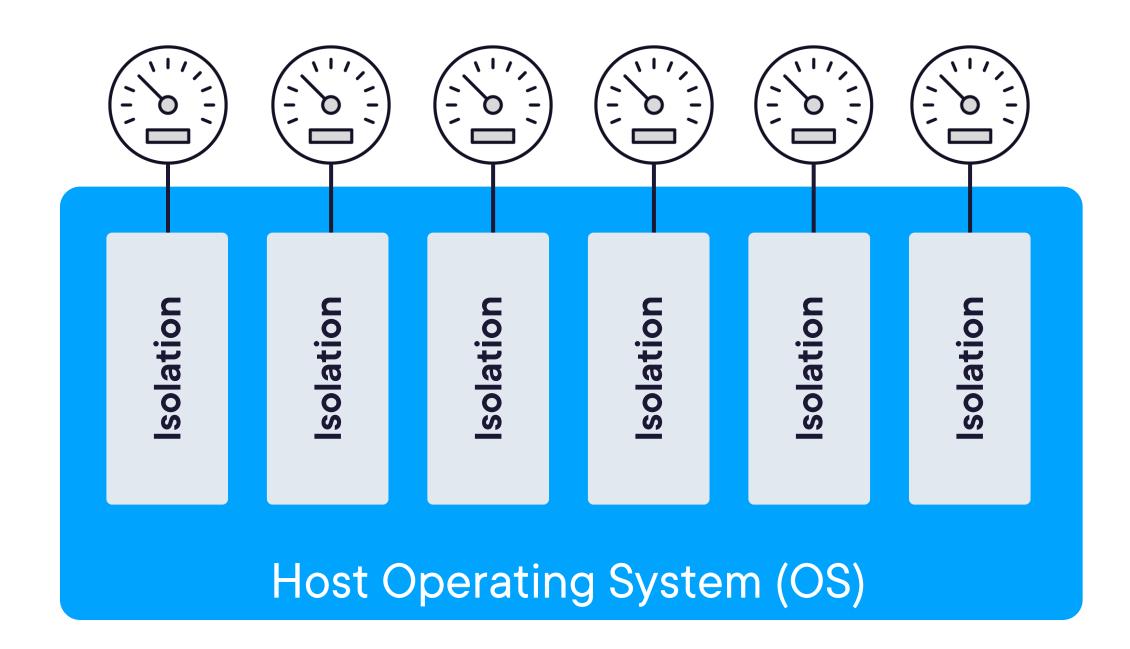
Docker and Kubernetes

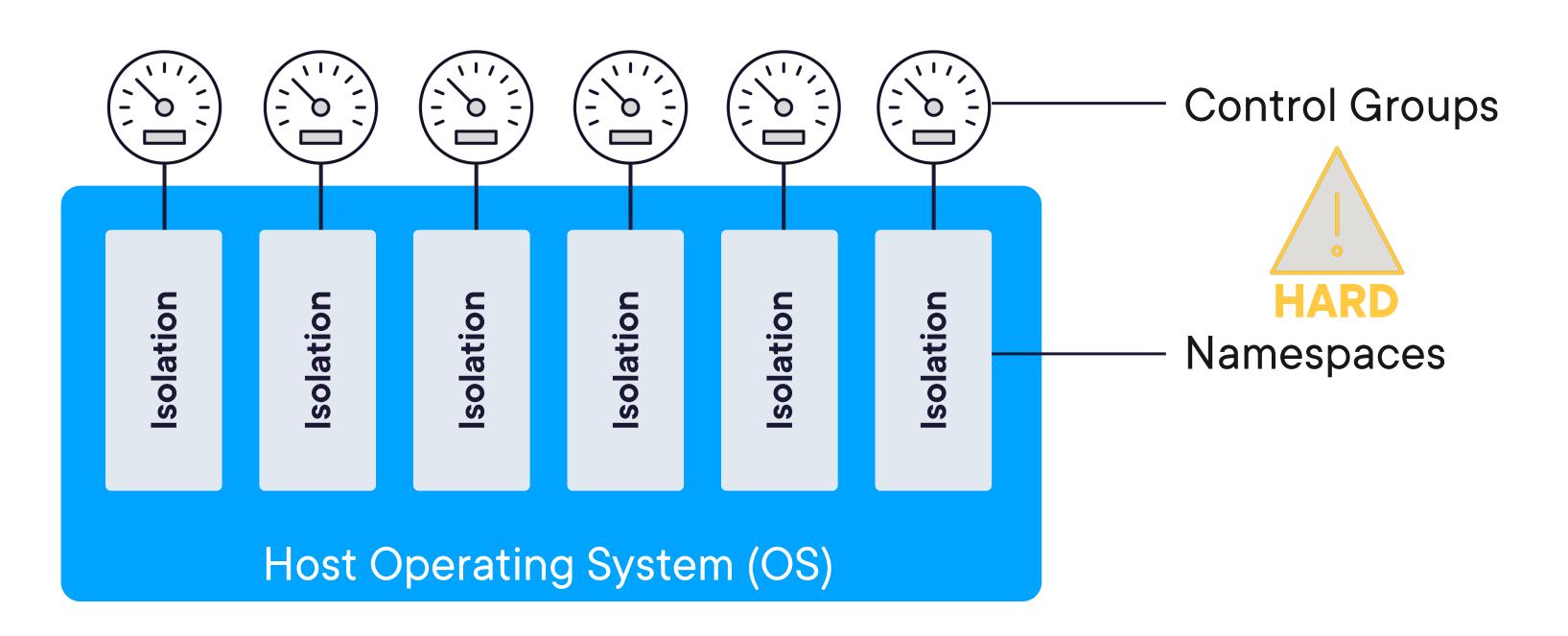
Both use and work with OCI images and containers...

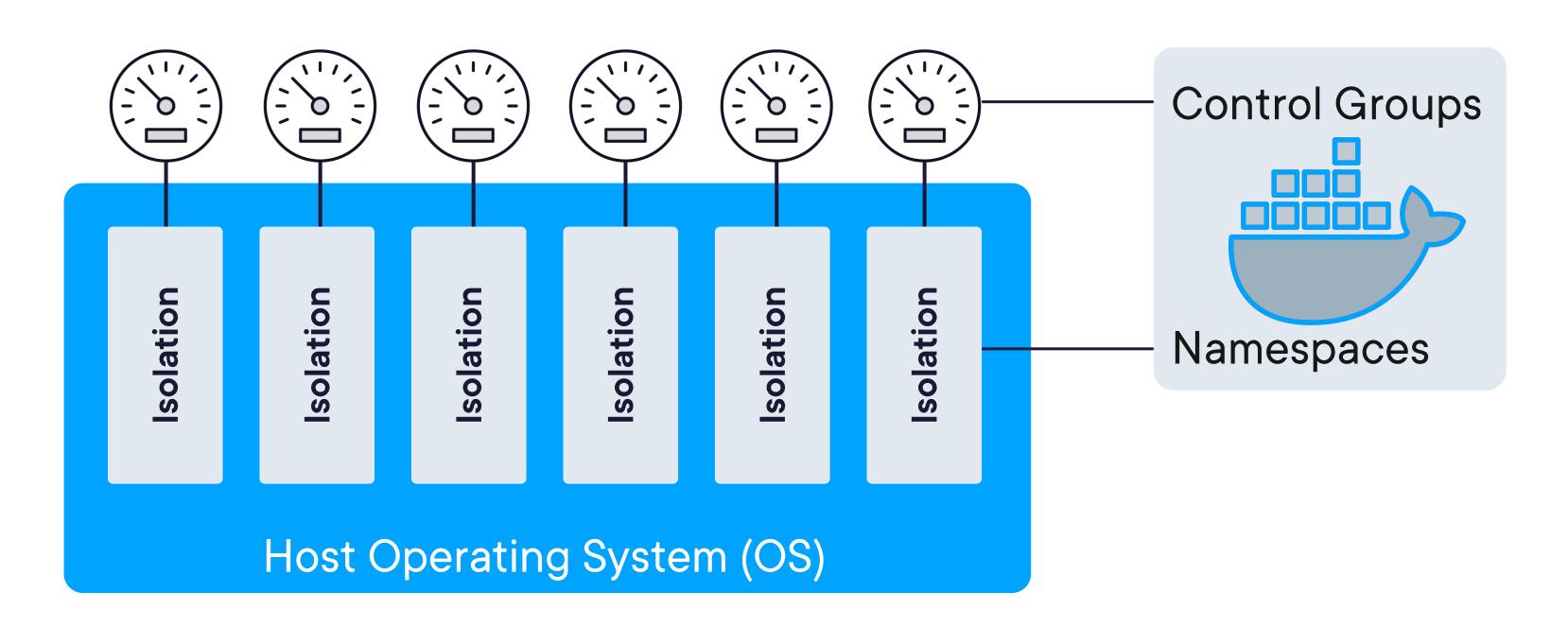


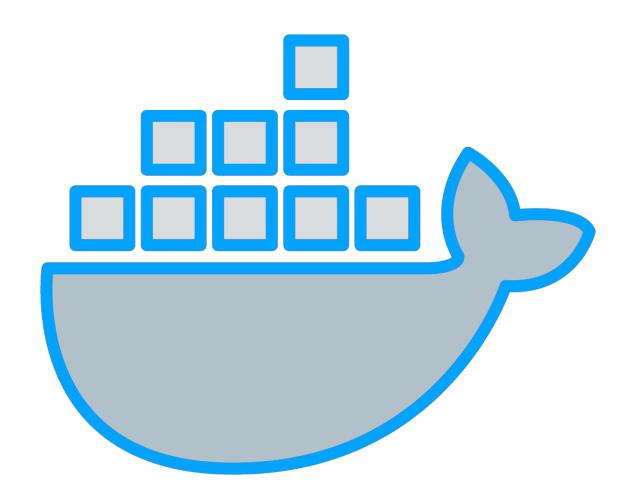




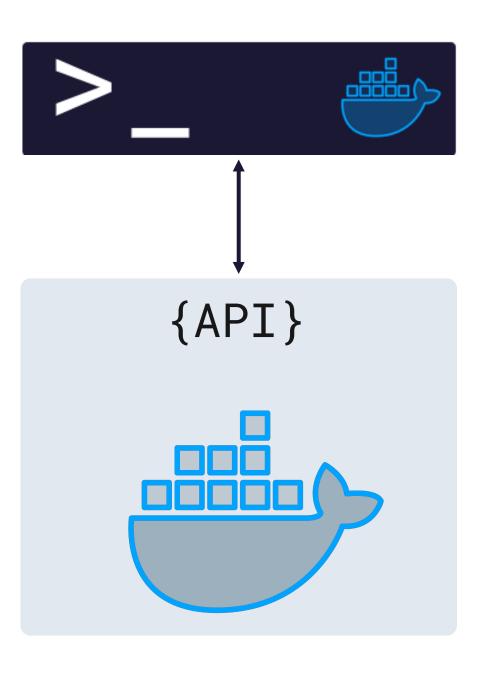


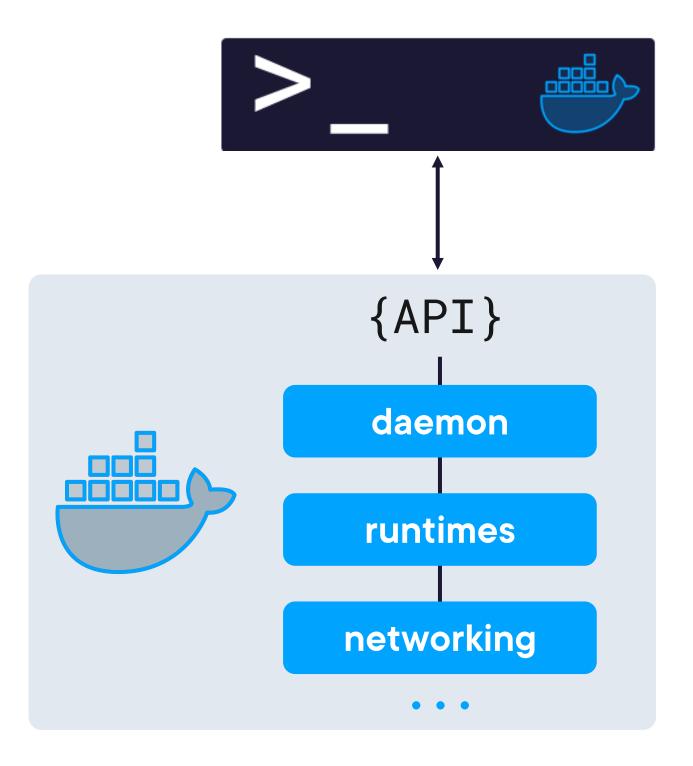


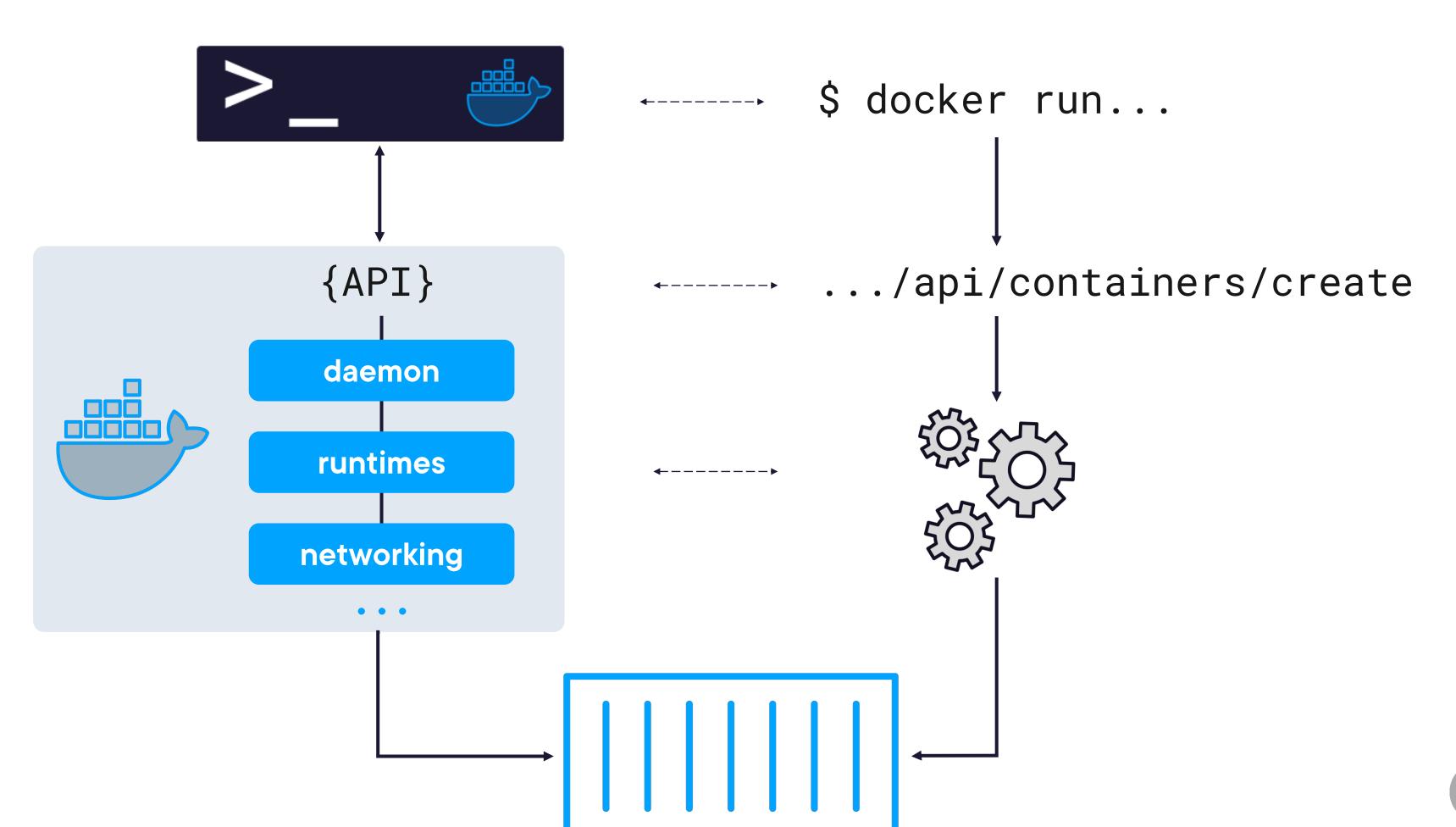








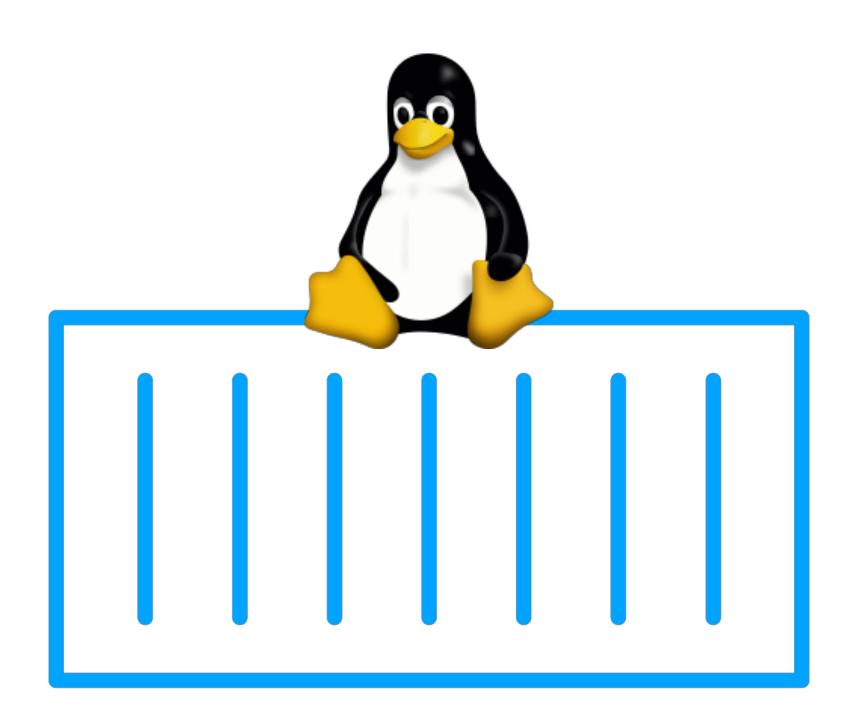


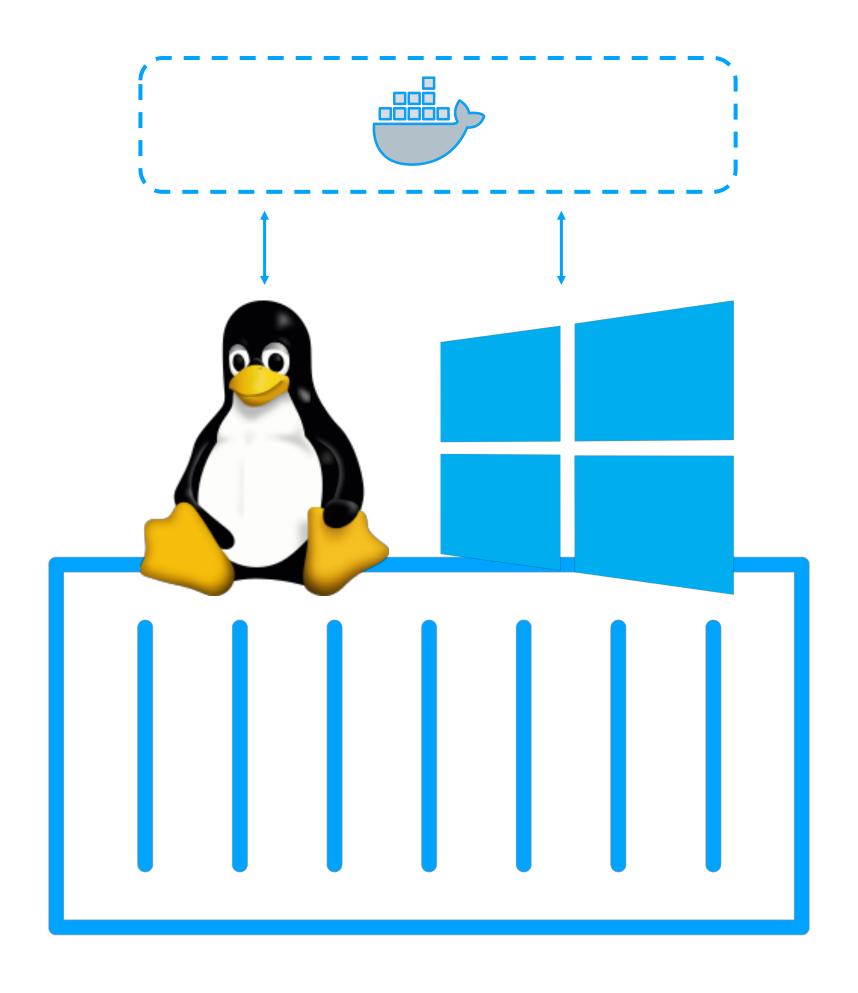


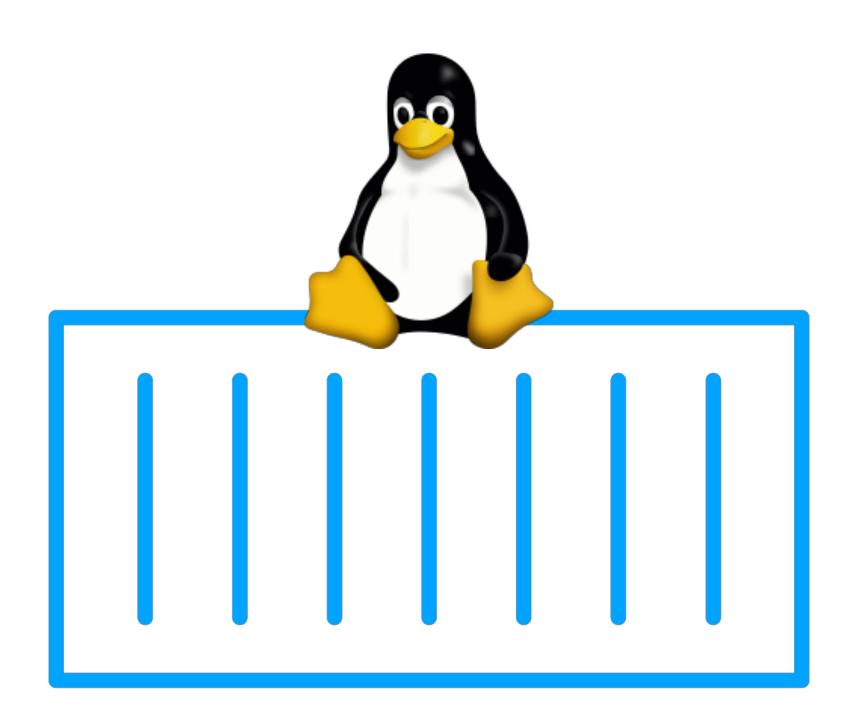
Up Next:

Kernel Internals









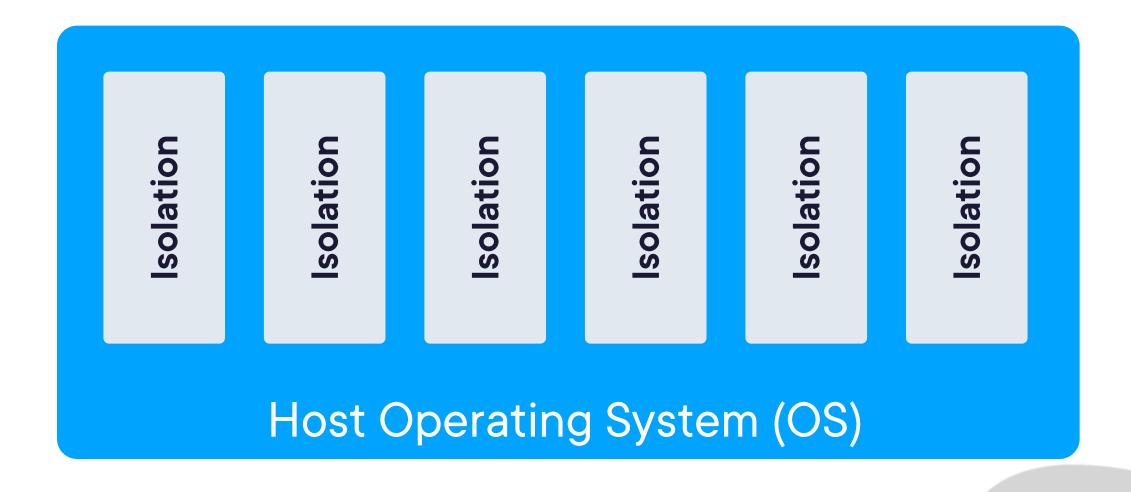
Fundamental Container Primitives in Kernel

Namespaces

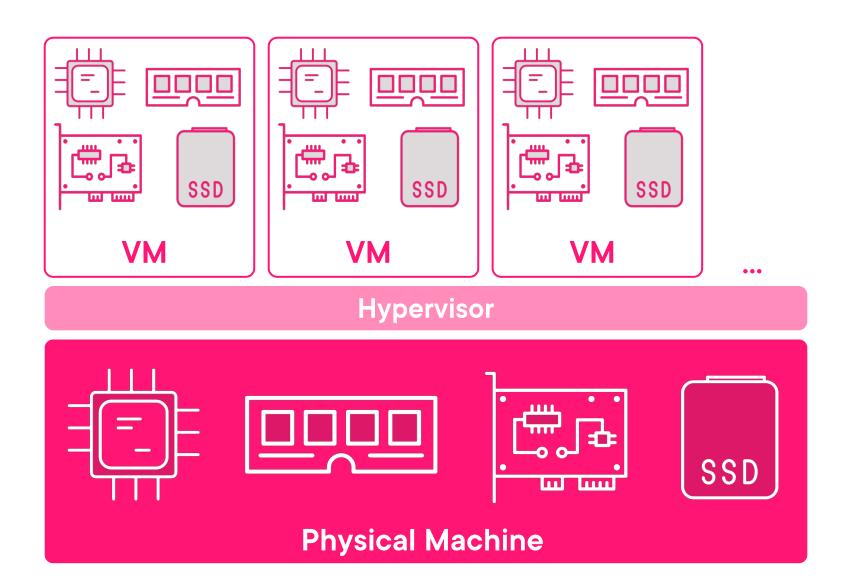
All about isolation

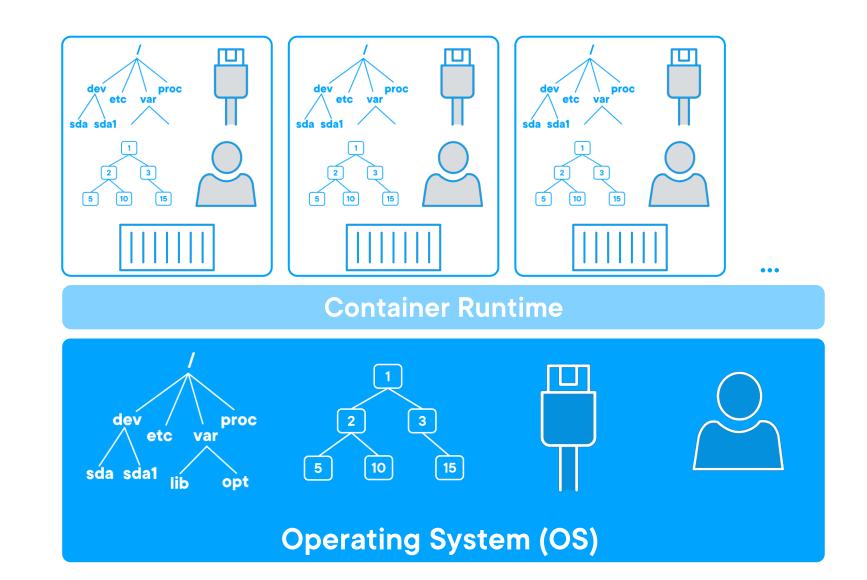




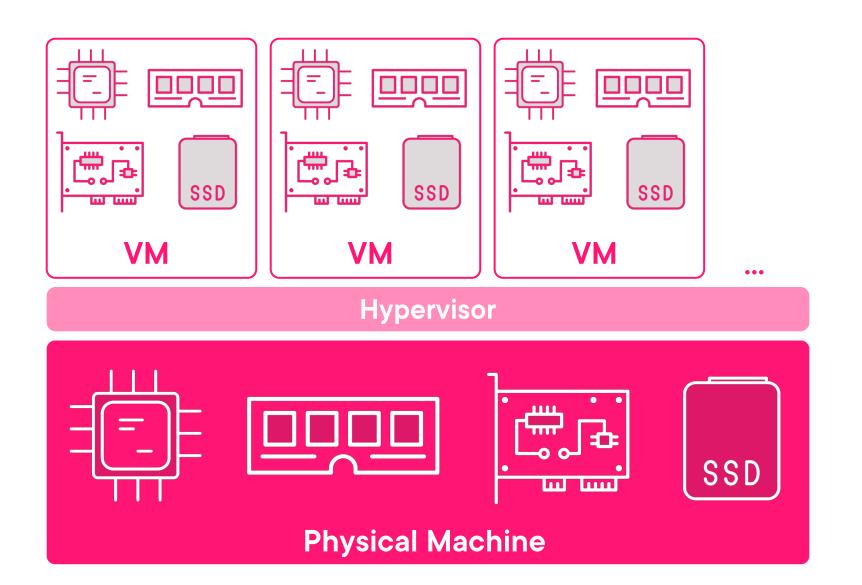


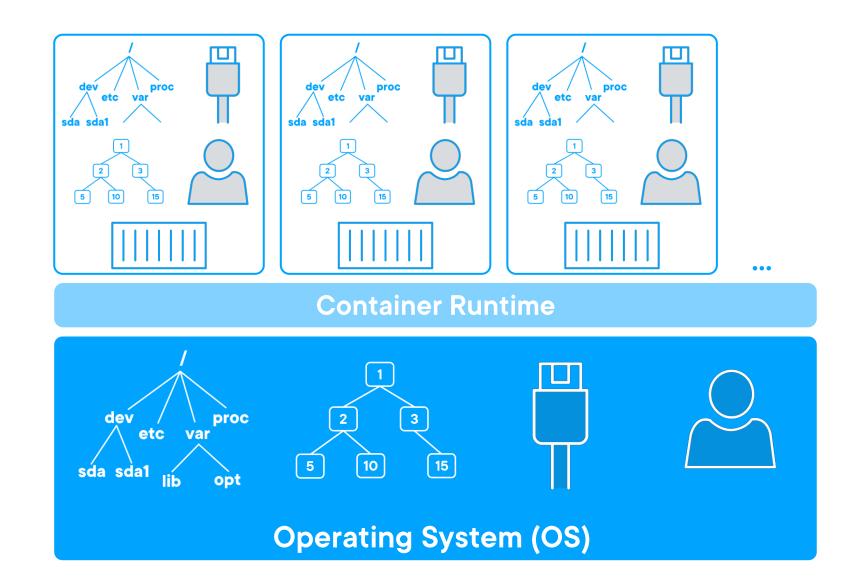




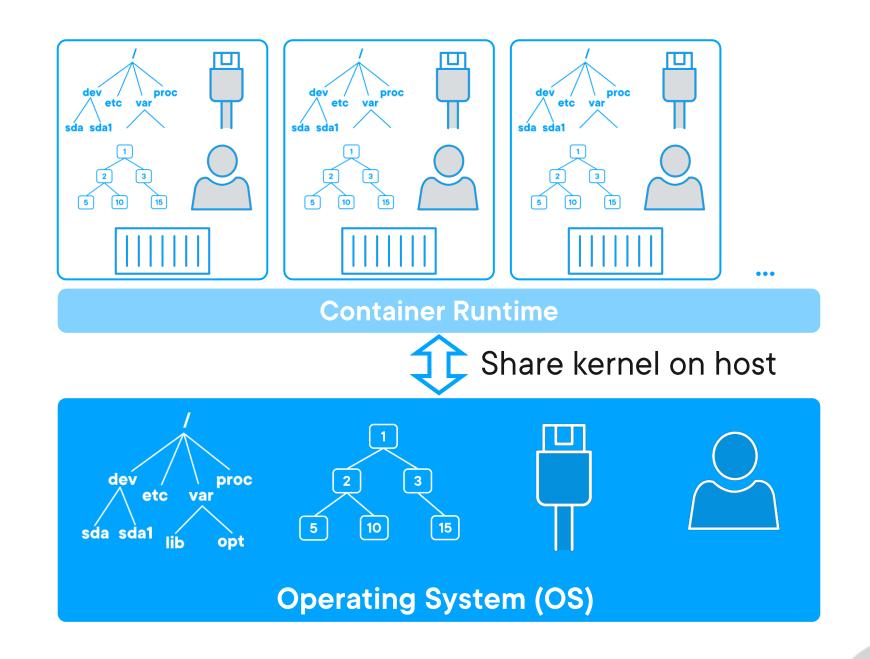




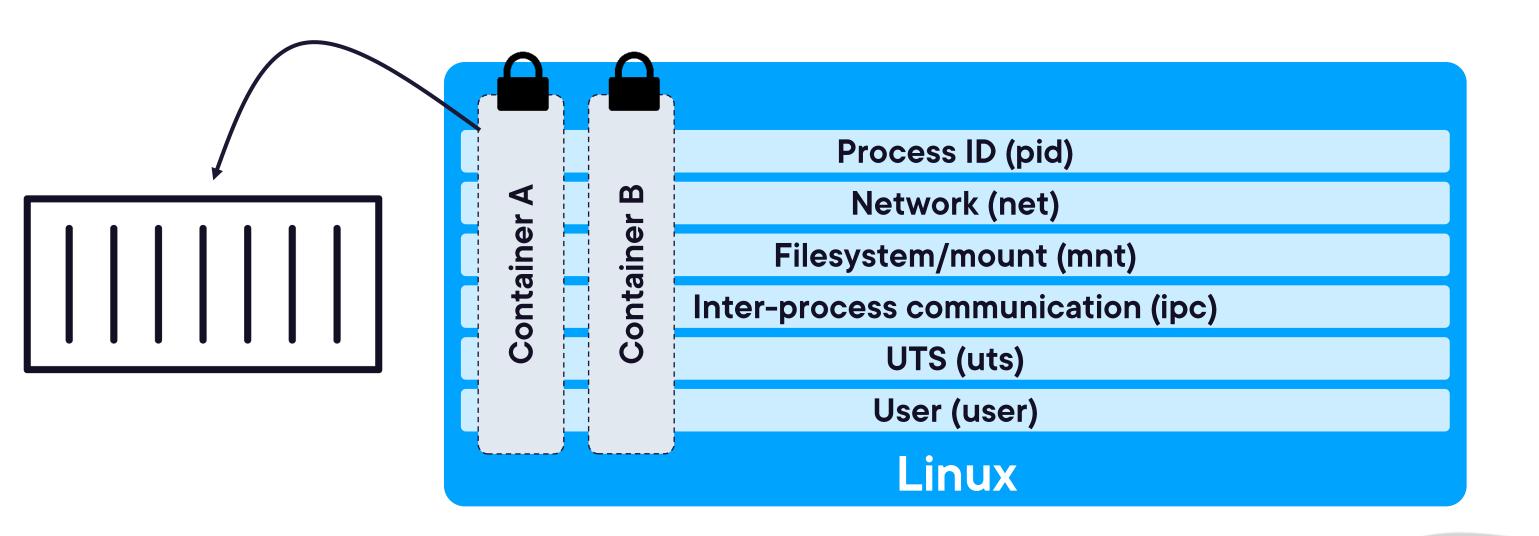




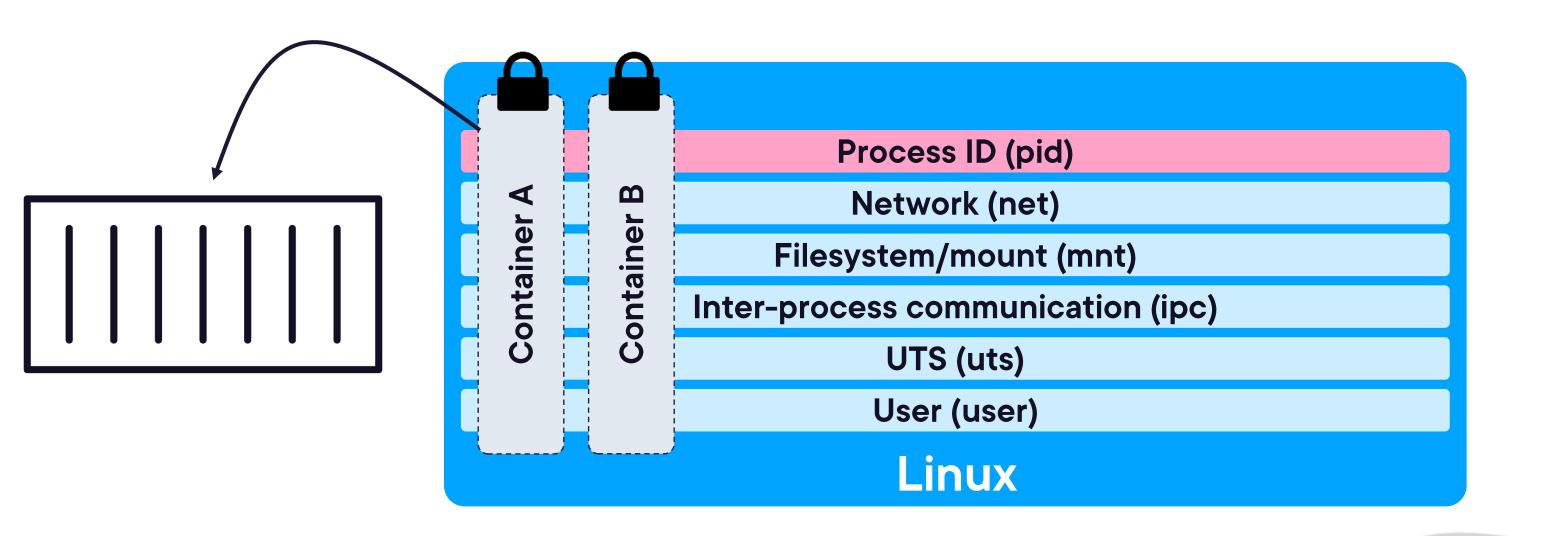




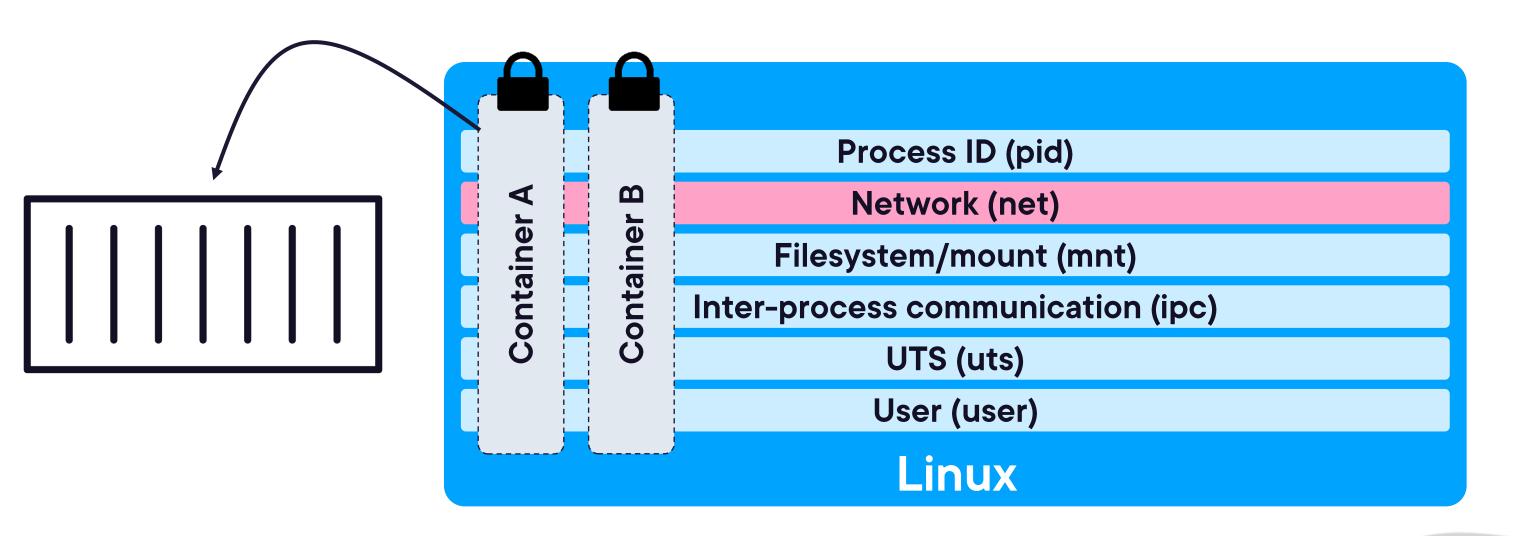




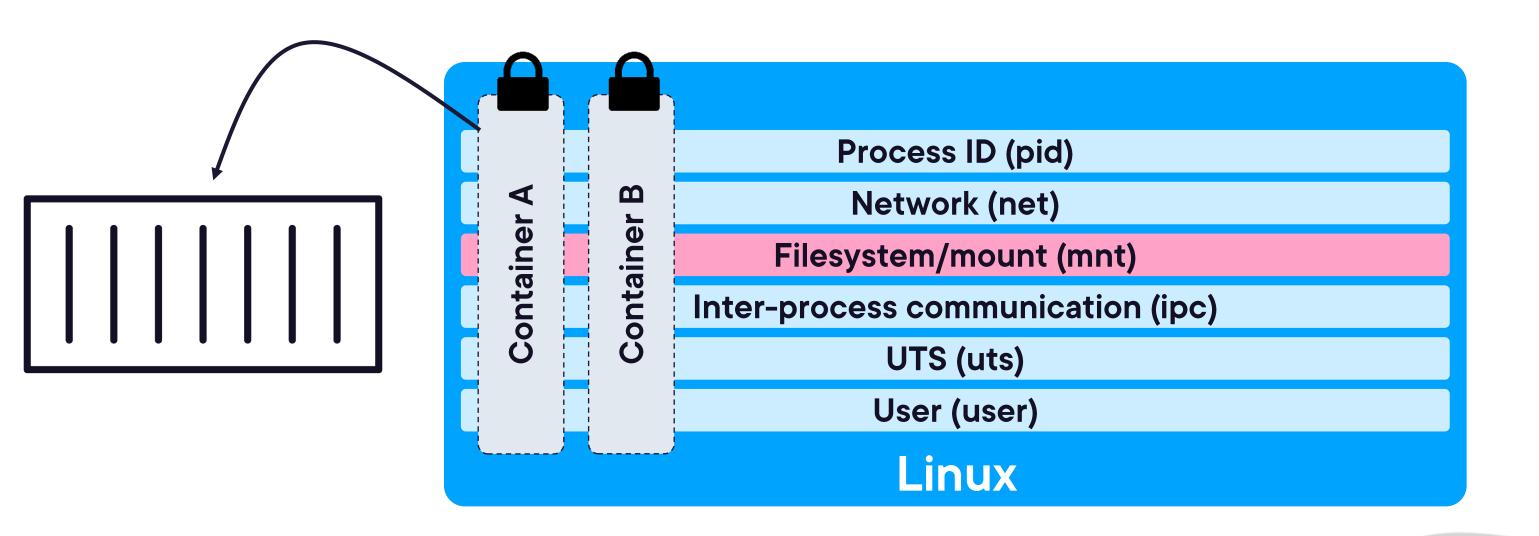




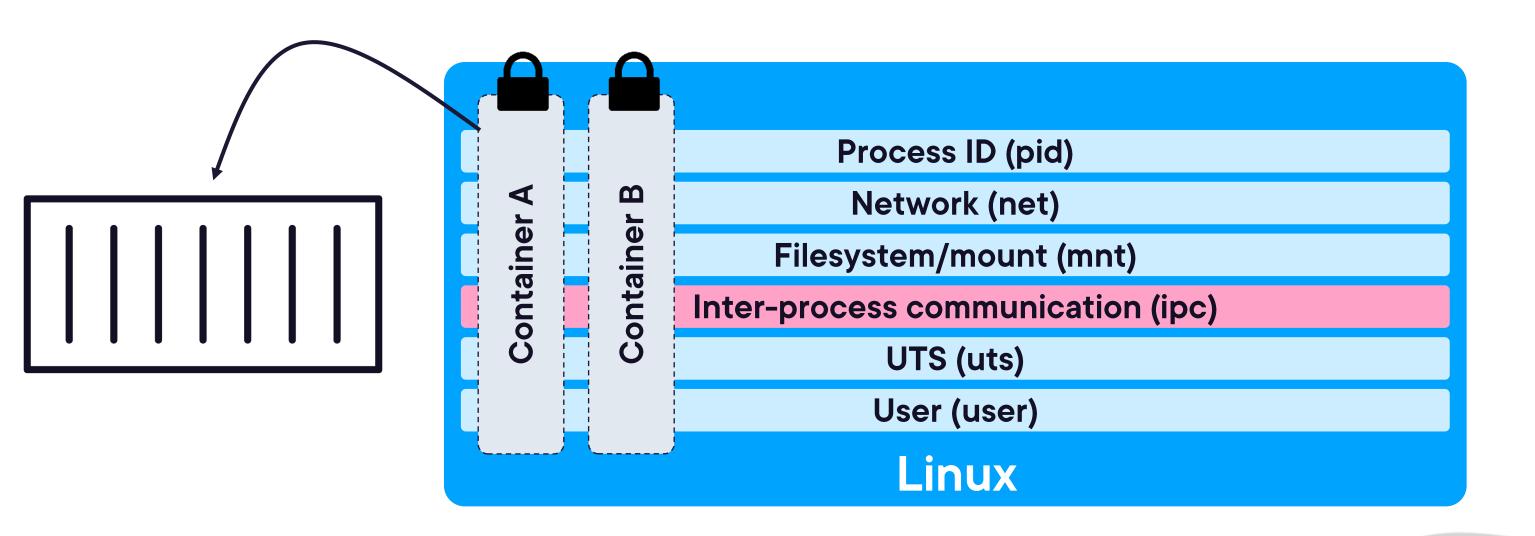




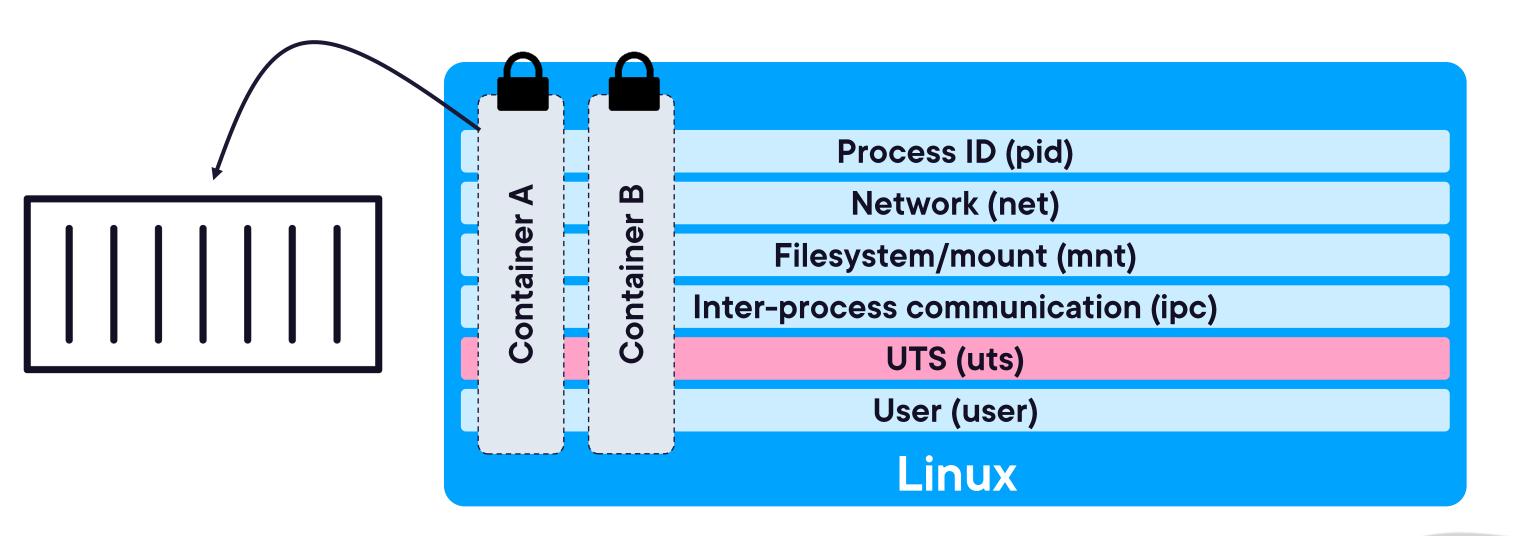




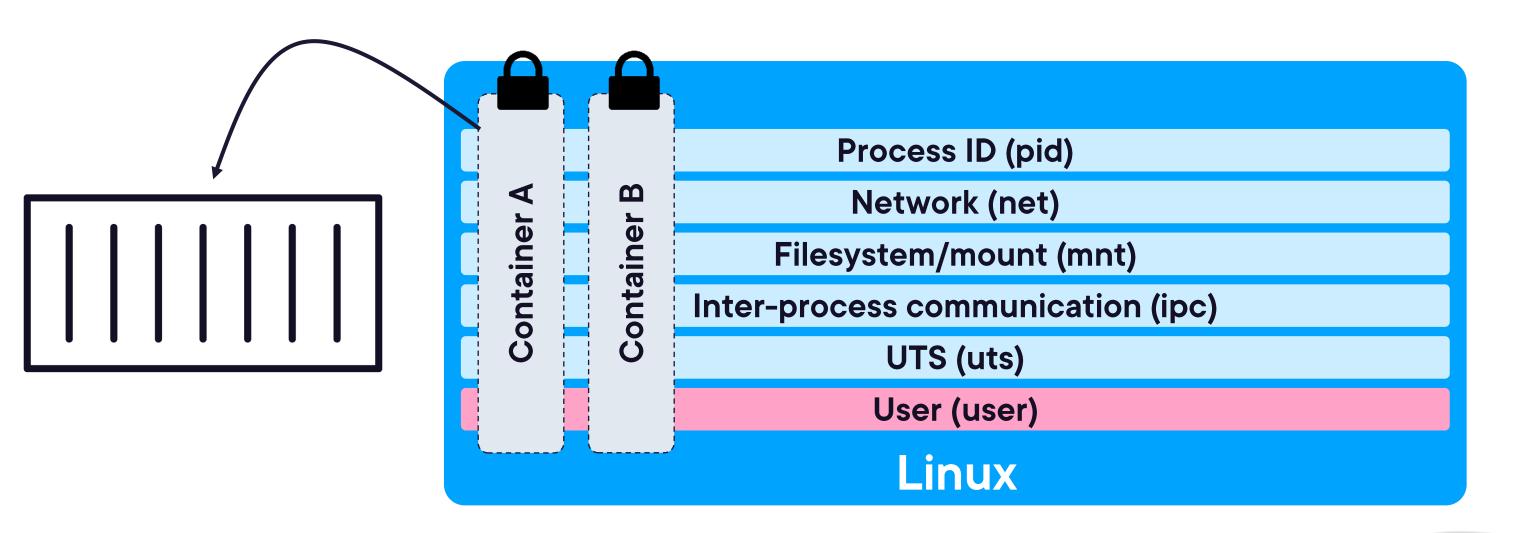








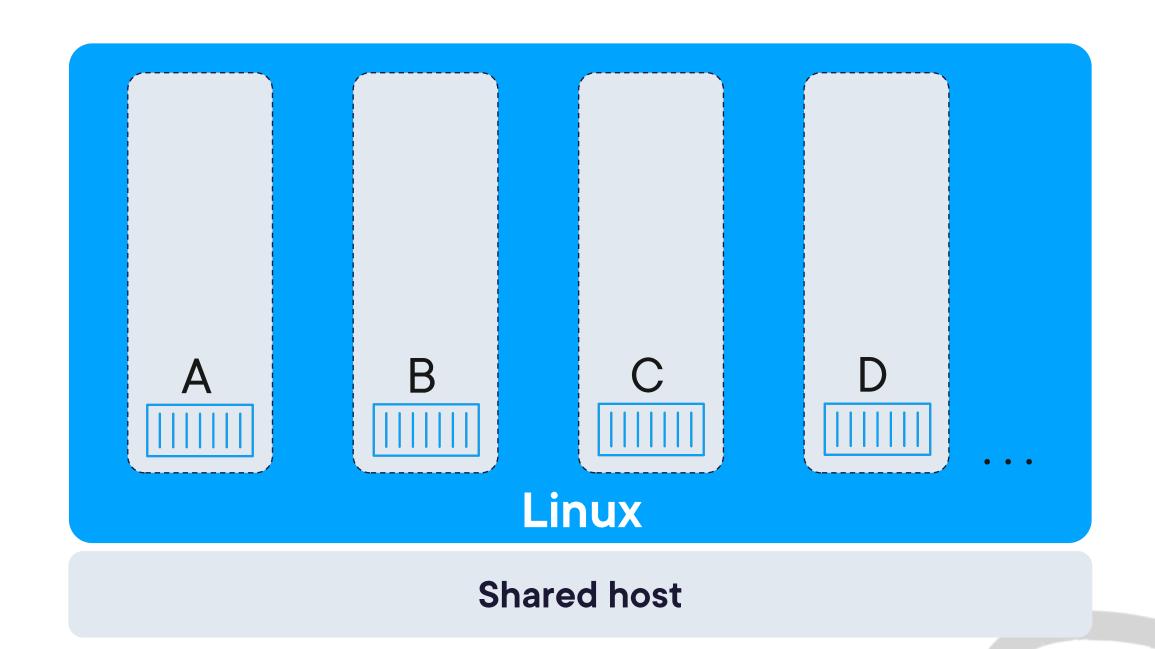




Namespaces

All about isolation

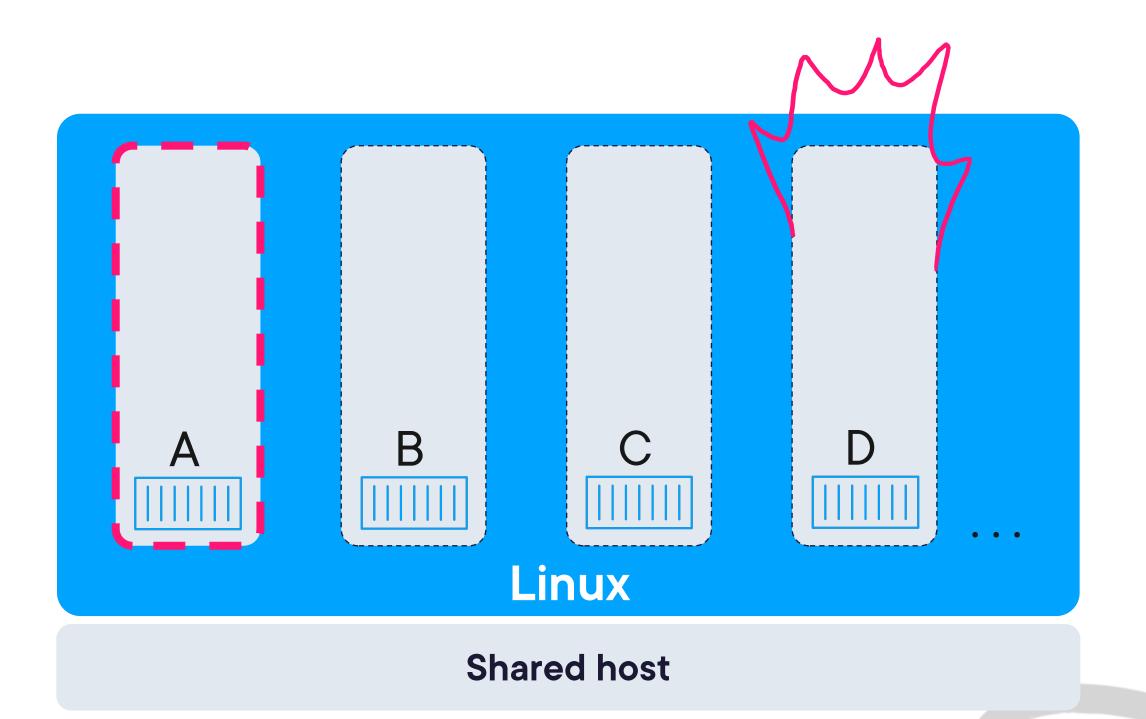




Namespaces

All about isolation

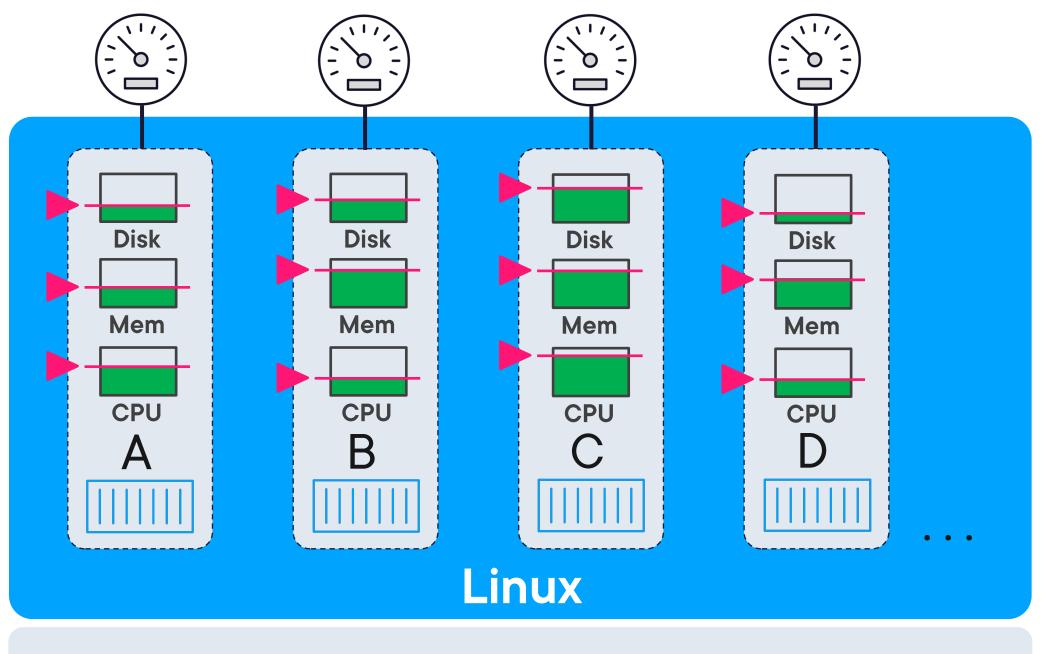




Namespaces

All about isolation



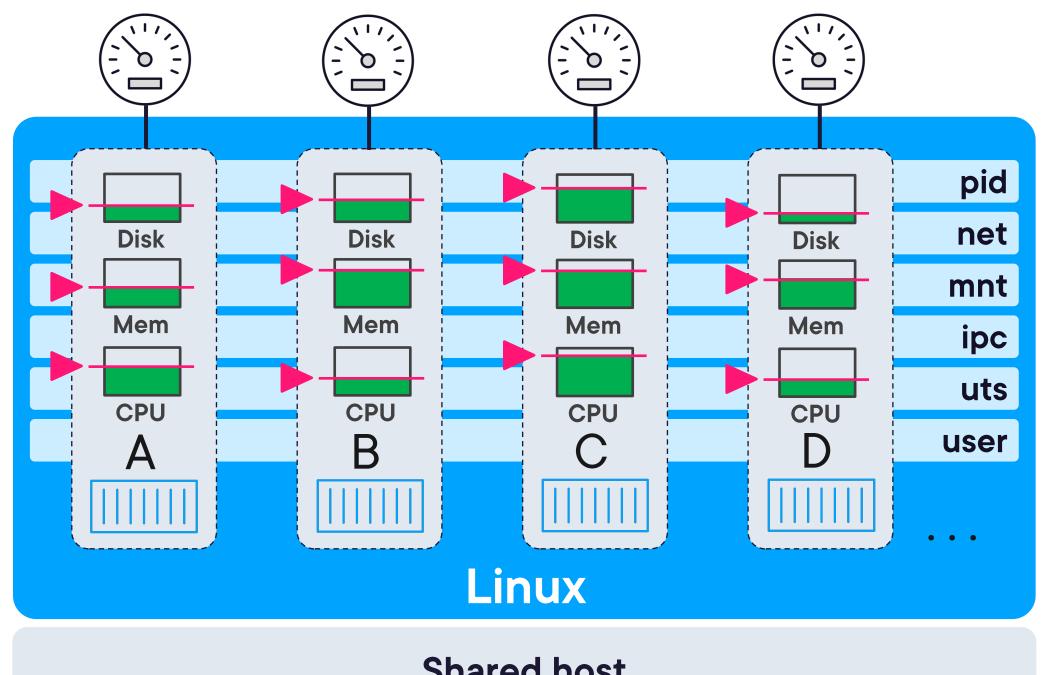


Shared host

Namespaces

All about isolation

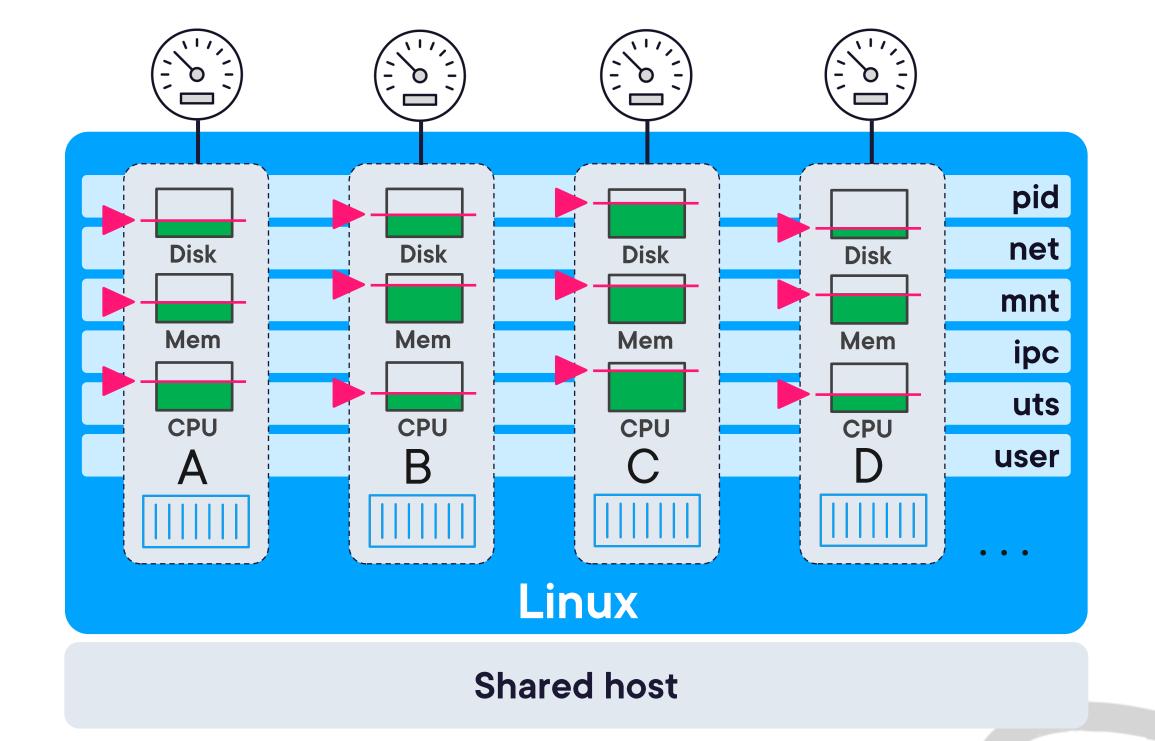




Shared host

Namespaces All about isolation





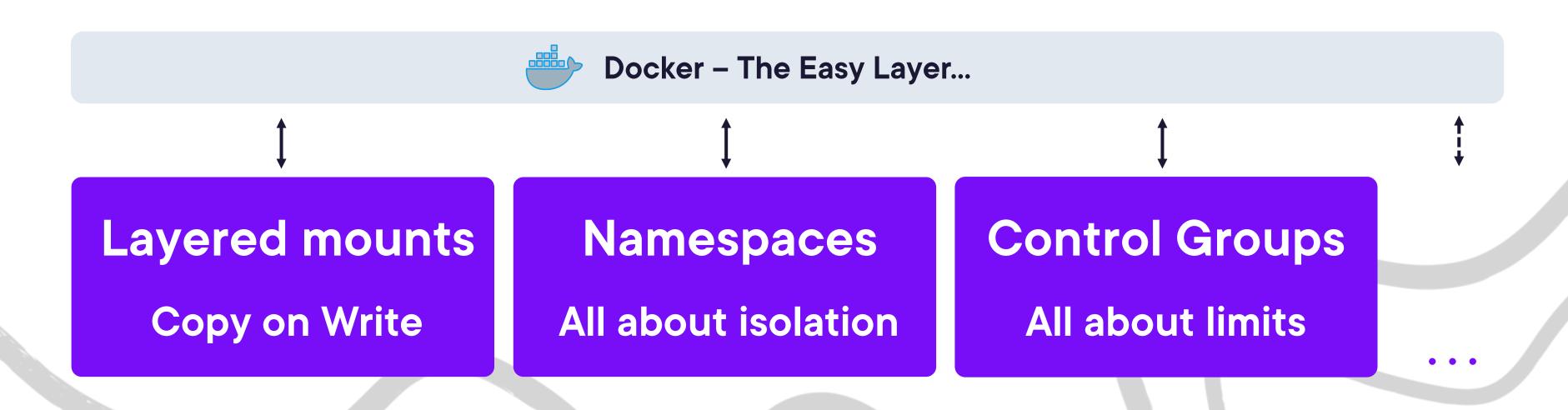
Layered mounts

Copy on Write

Namespaces

All about isolation



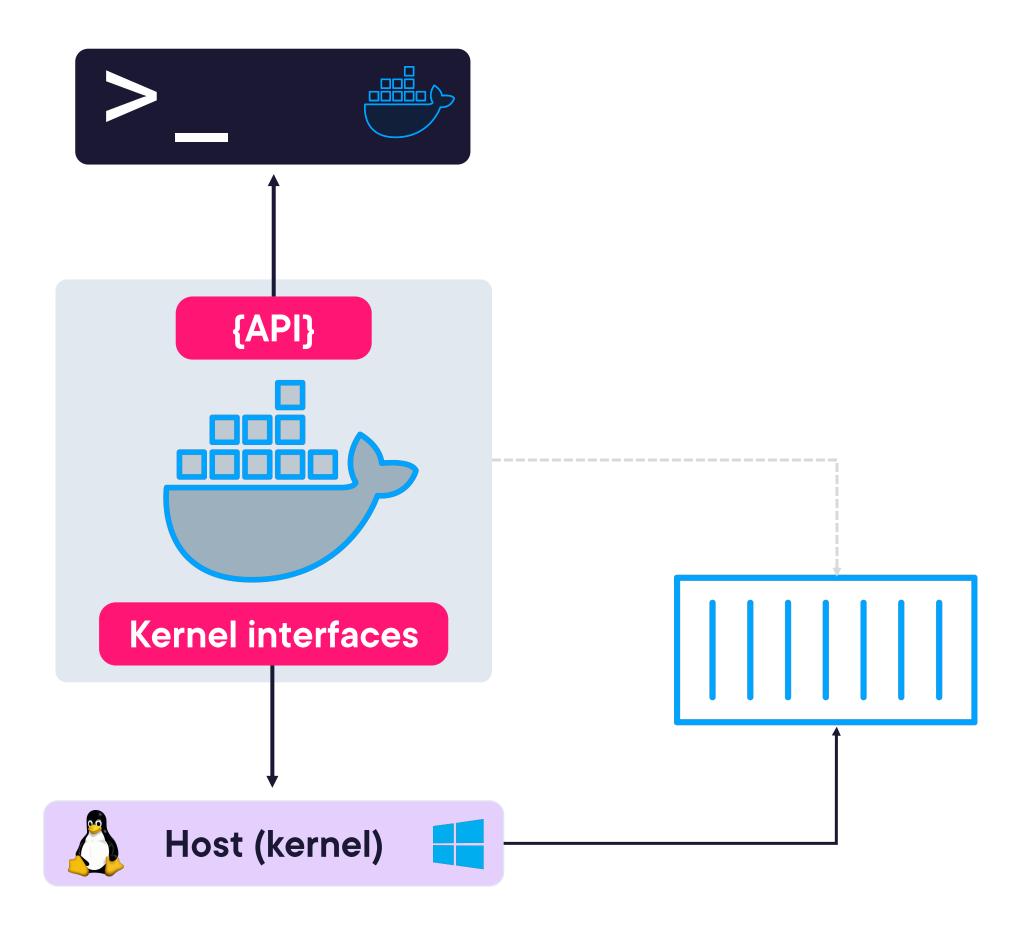




Up Next:

Docker Magic





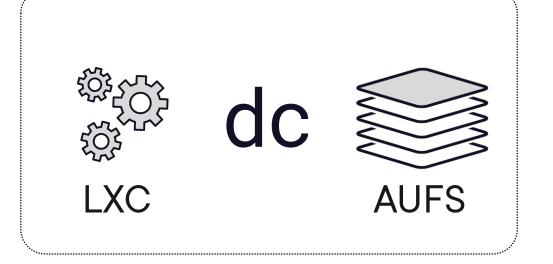




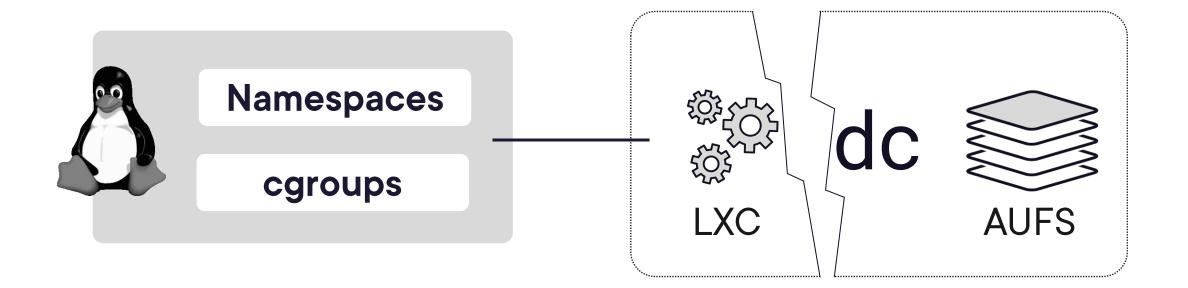


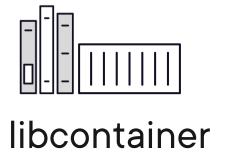




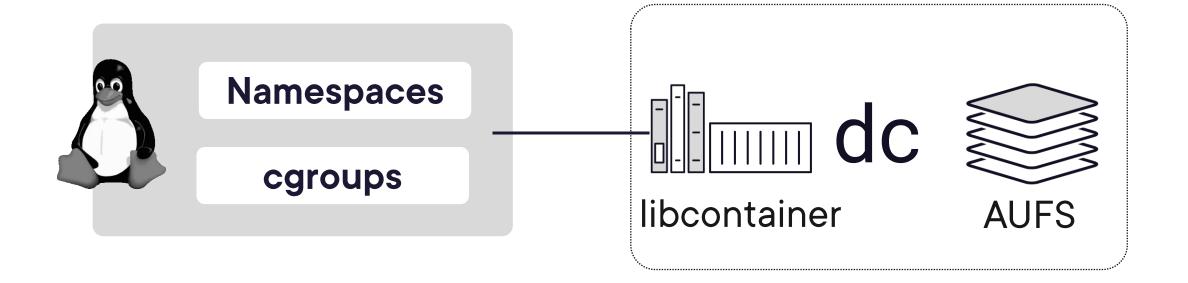


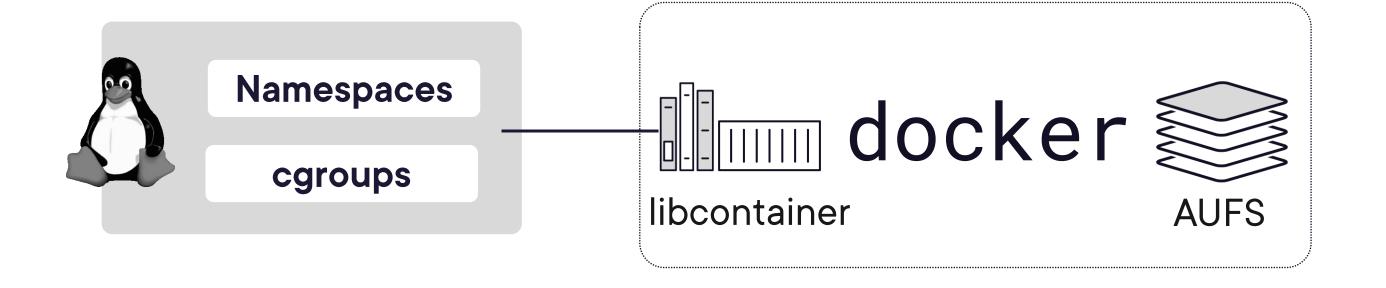


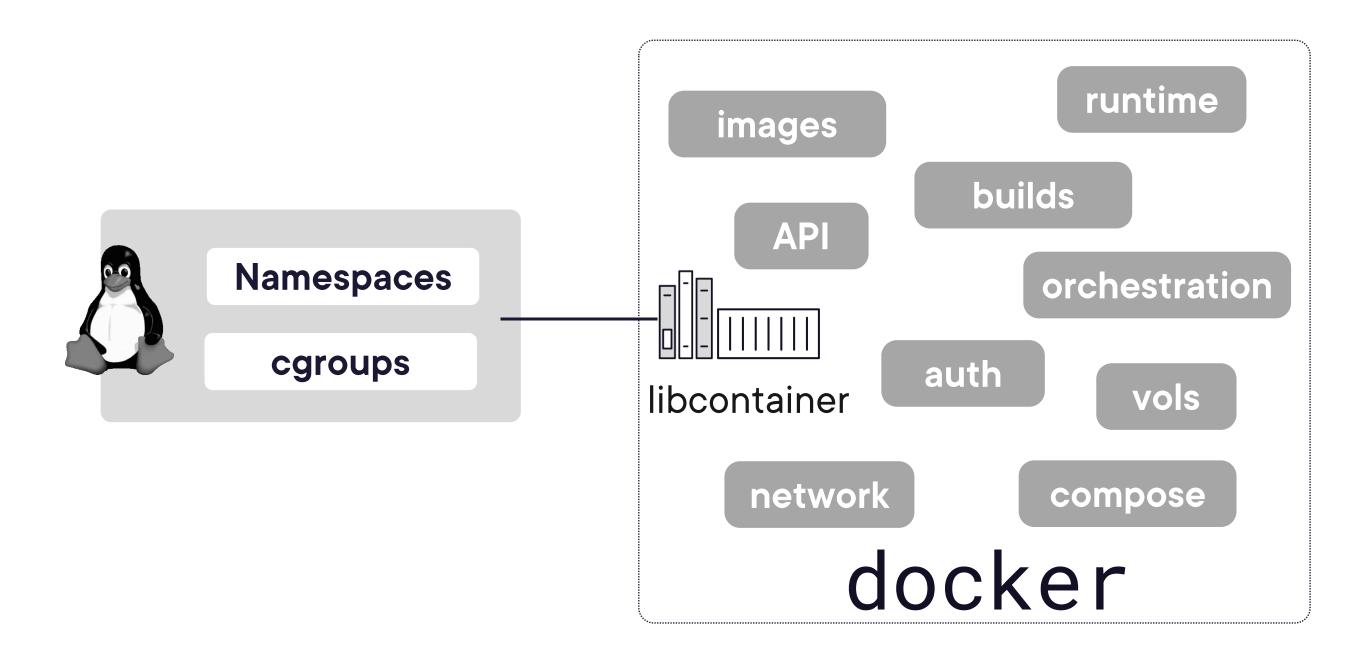


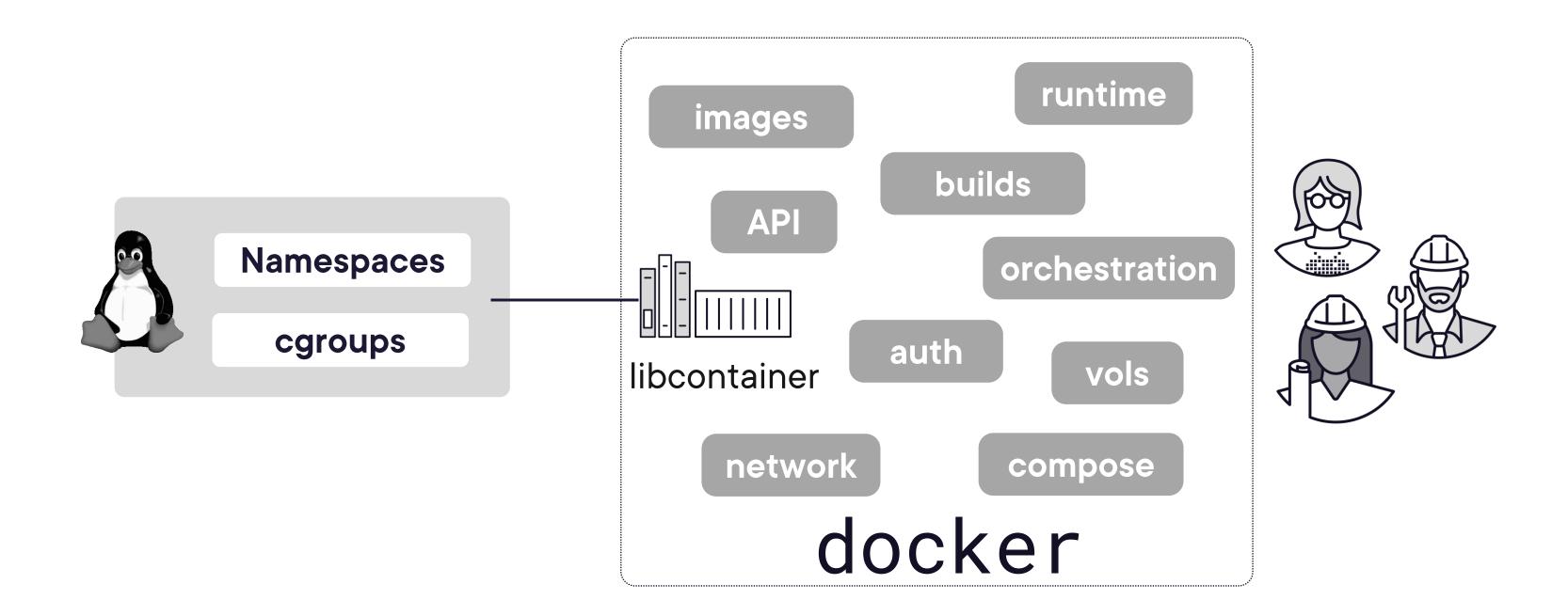


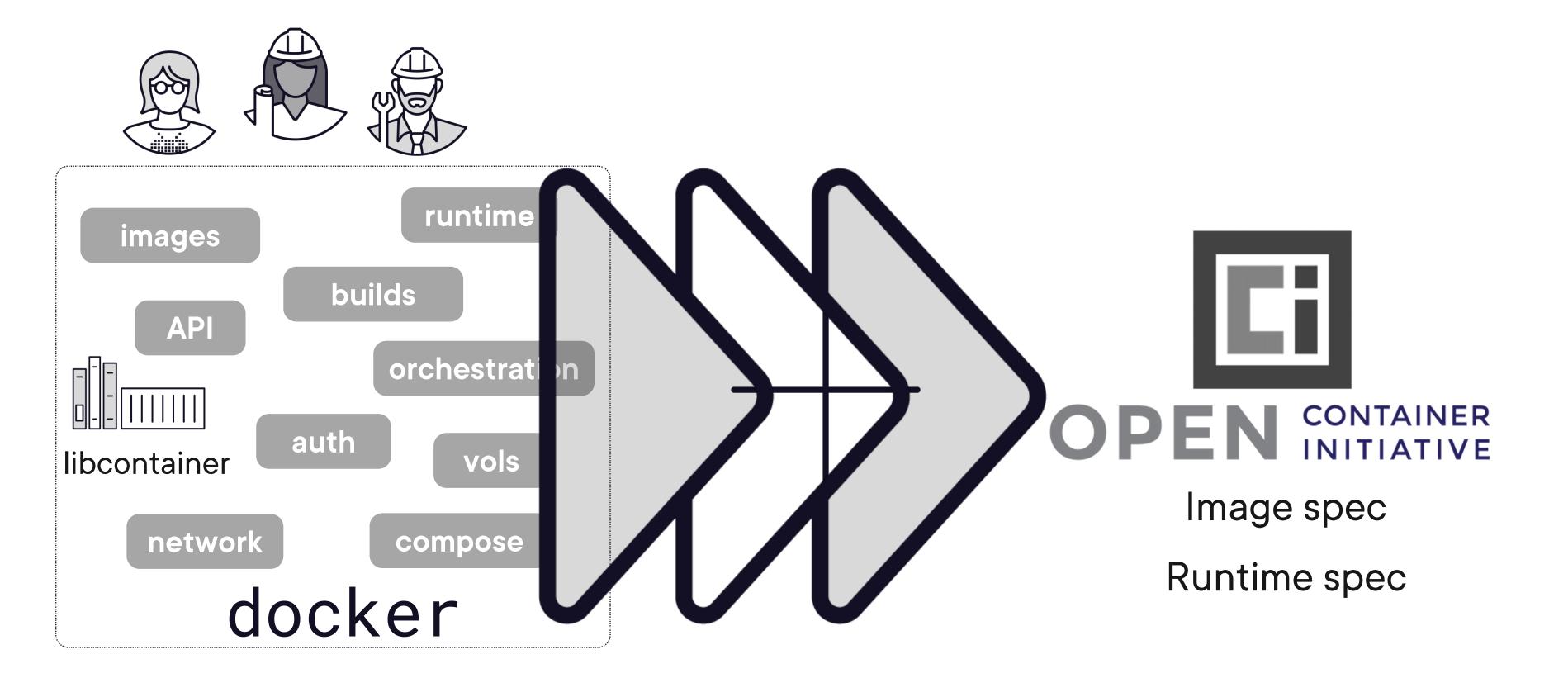






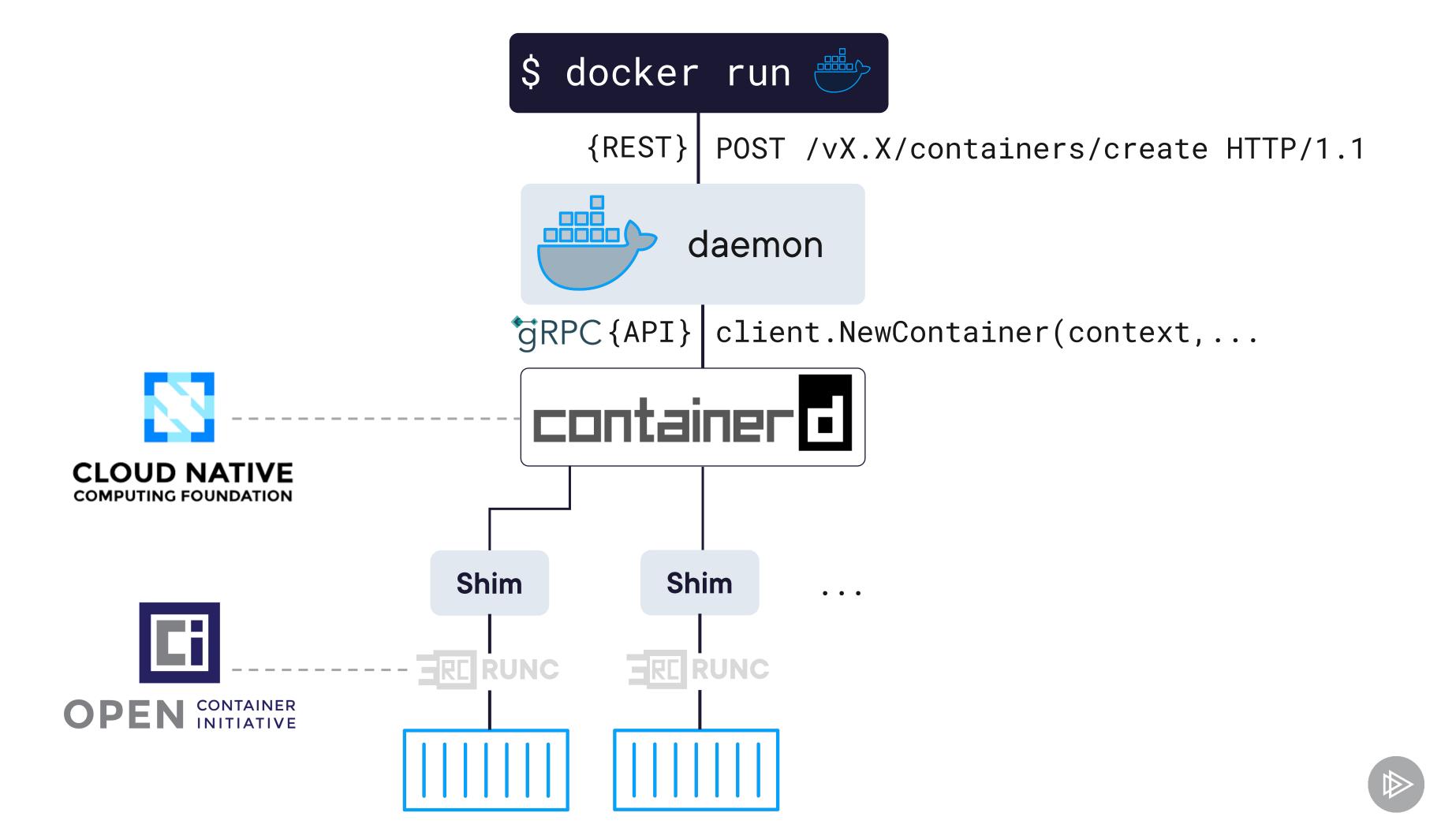


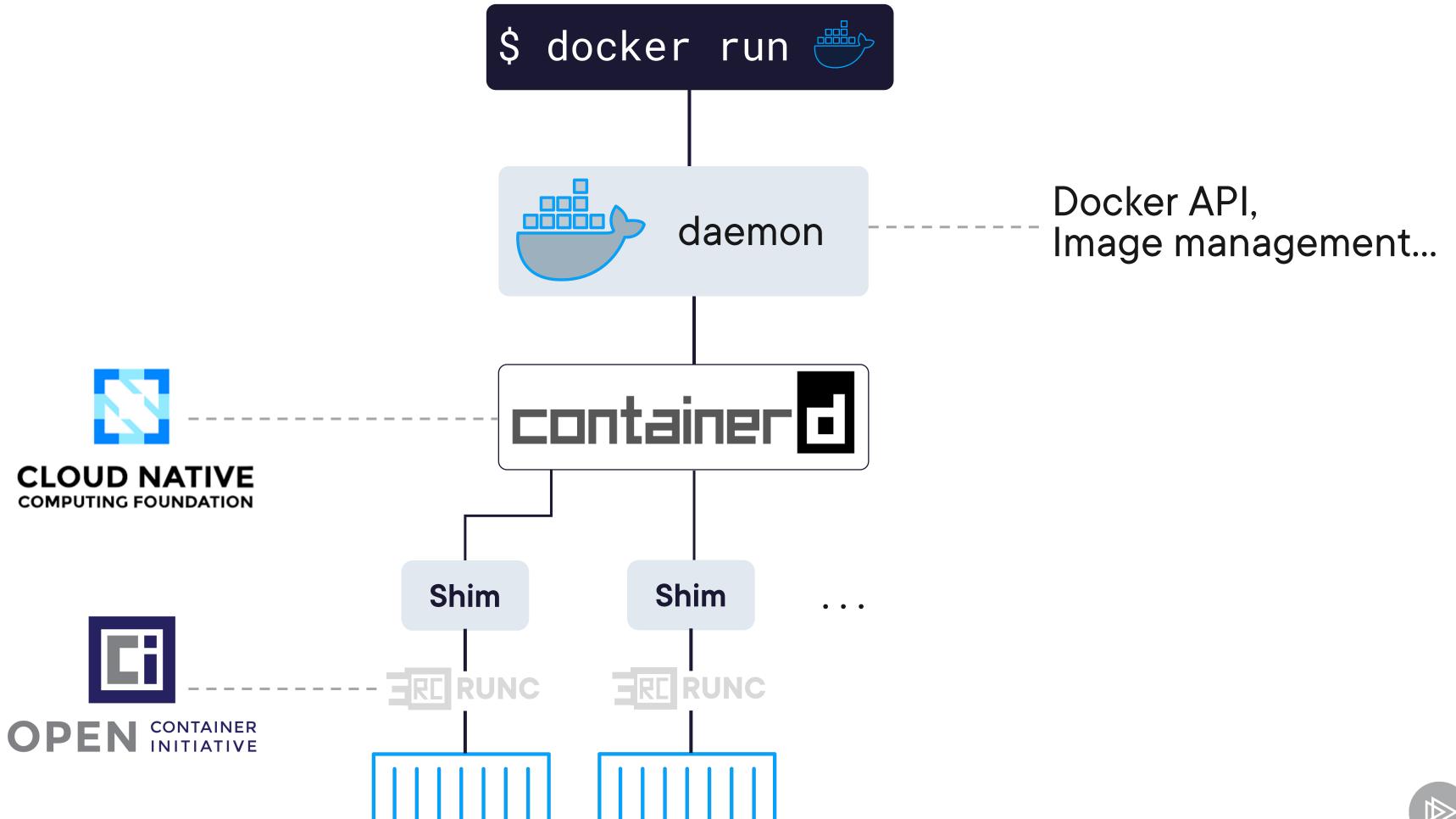




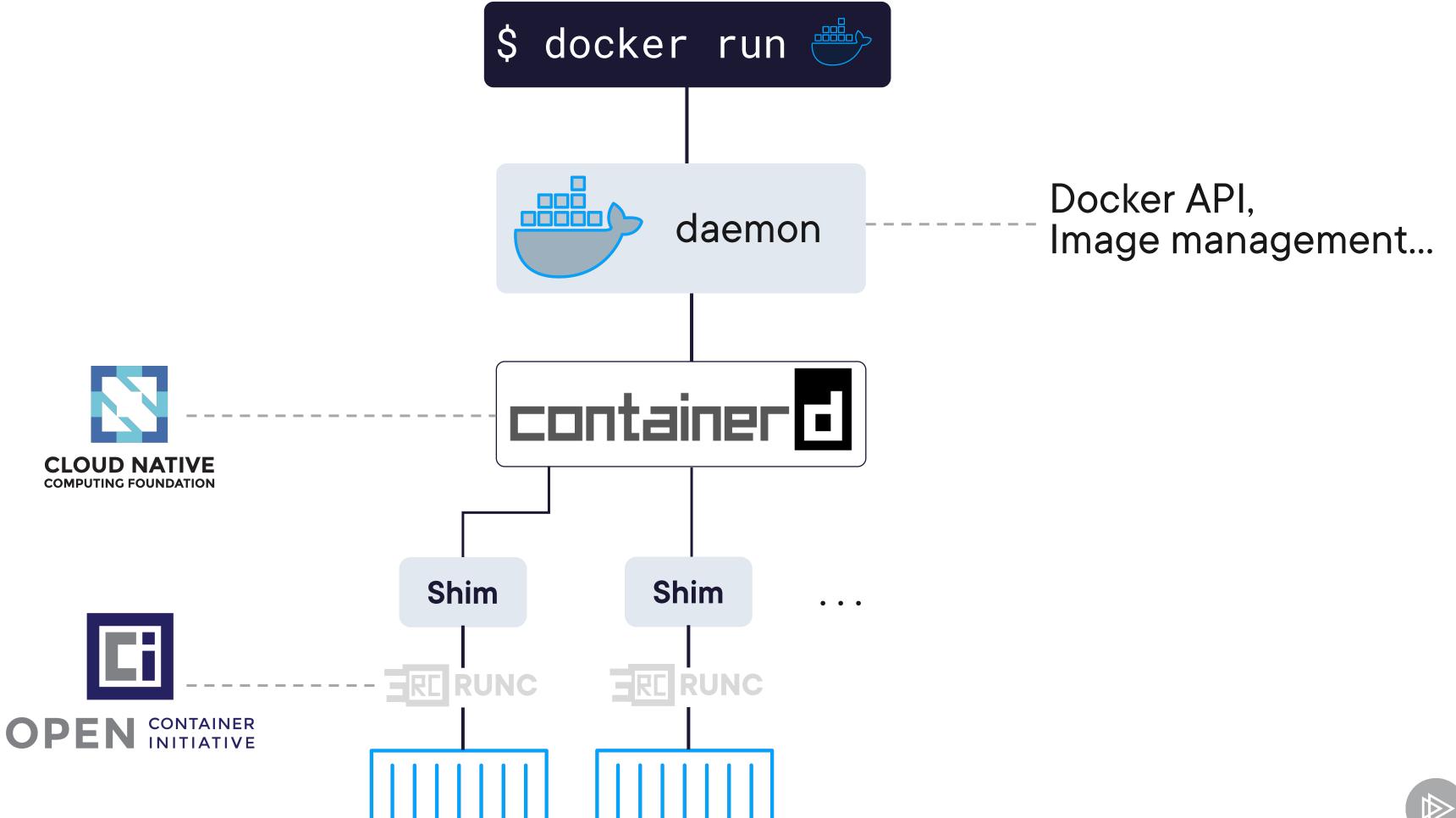
```
$ docker run
         {REST} | POST /vX.X/containers/create HTTP/1.1
       000
00000
              daemon
     * GRPC {API} | client.NewContainer(context,...
      container -
  Shim
RE RUNC
```

```
$ docker run
         {REST}
               POST /vX.X/containers/create HTTP/1.1
      000
00000
              daemon
     GRPC {API} | client.NewContainer(context,...
      container -
  Shim
             Shim
           FRE RUNC
FRE RUNC
```

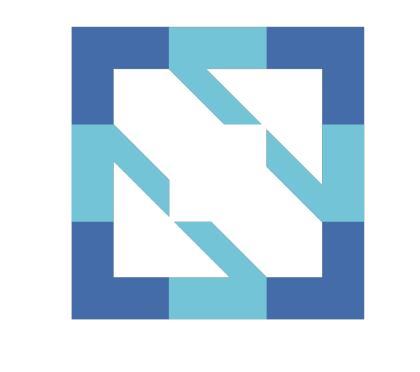












CLOUD NATIVE COMPUTING FOUNDATION



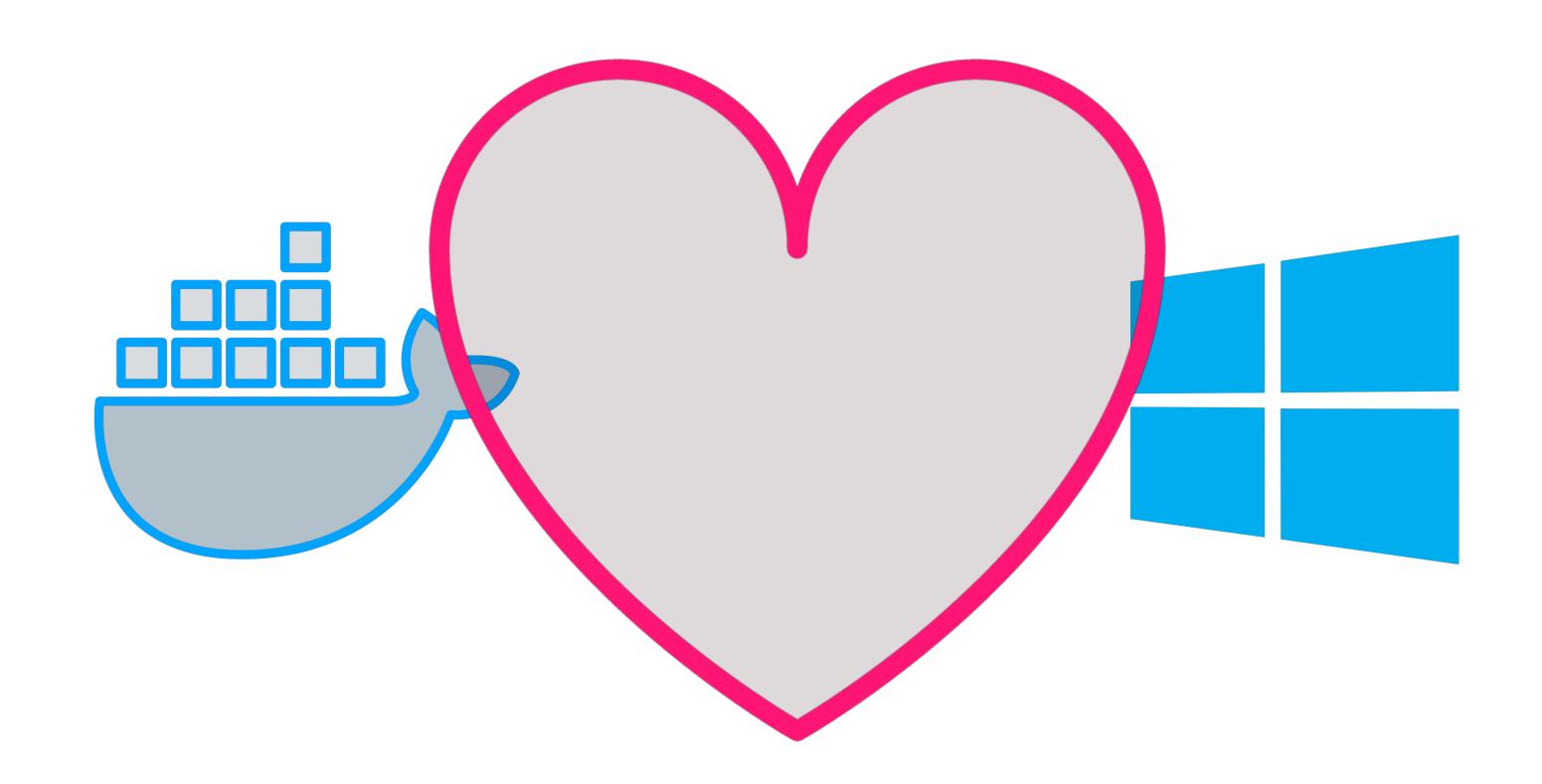
OPEN CONTAINER INITIATIVE



Up Next:

Containers on Windows

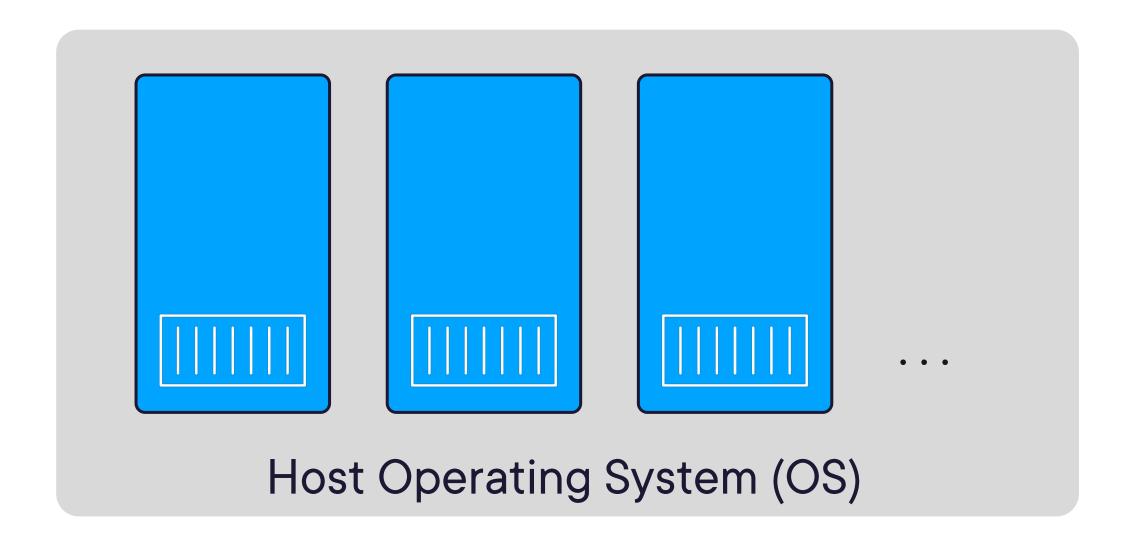


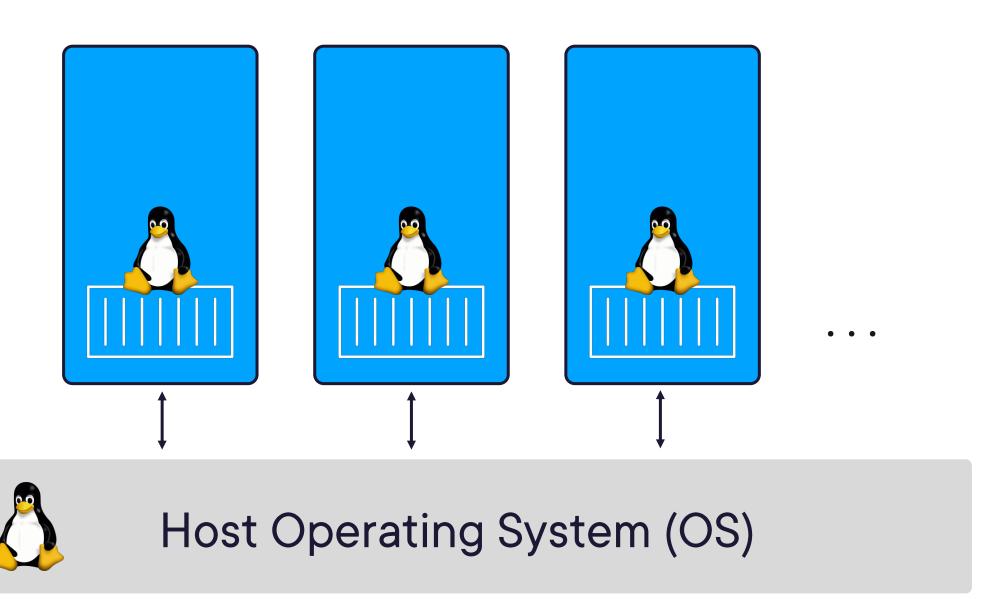


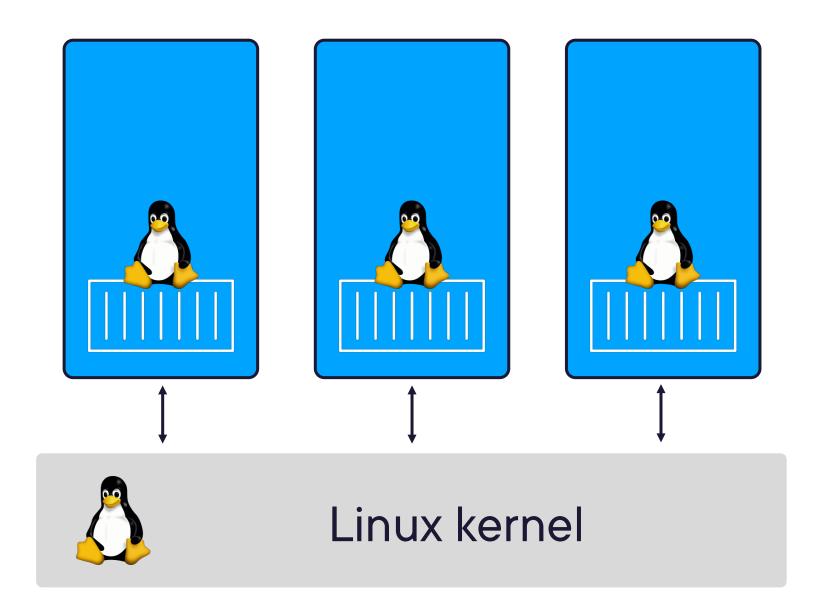


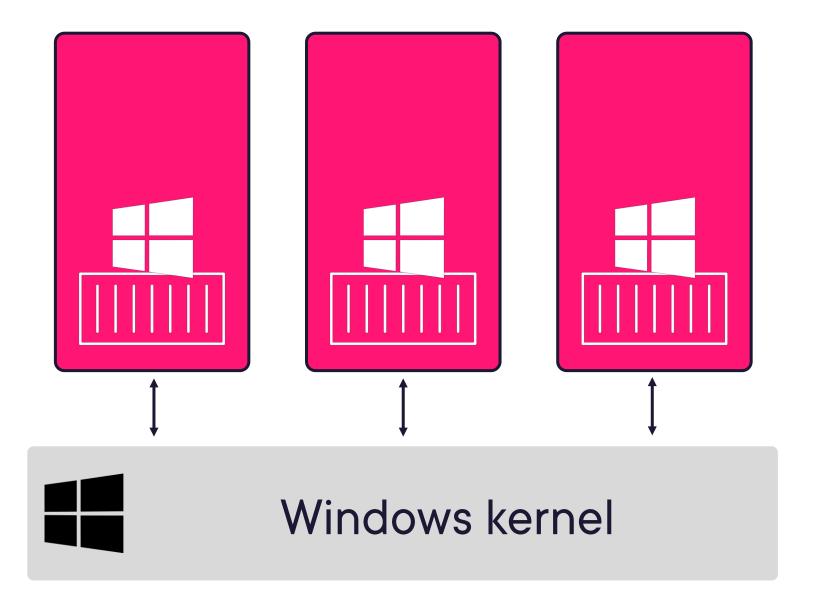
	Docker on macOS	Docker on Linux	Docker on Windows
Linux containers			
Windows containers			

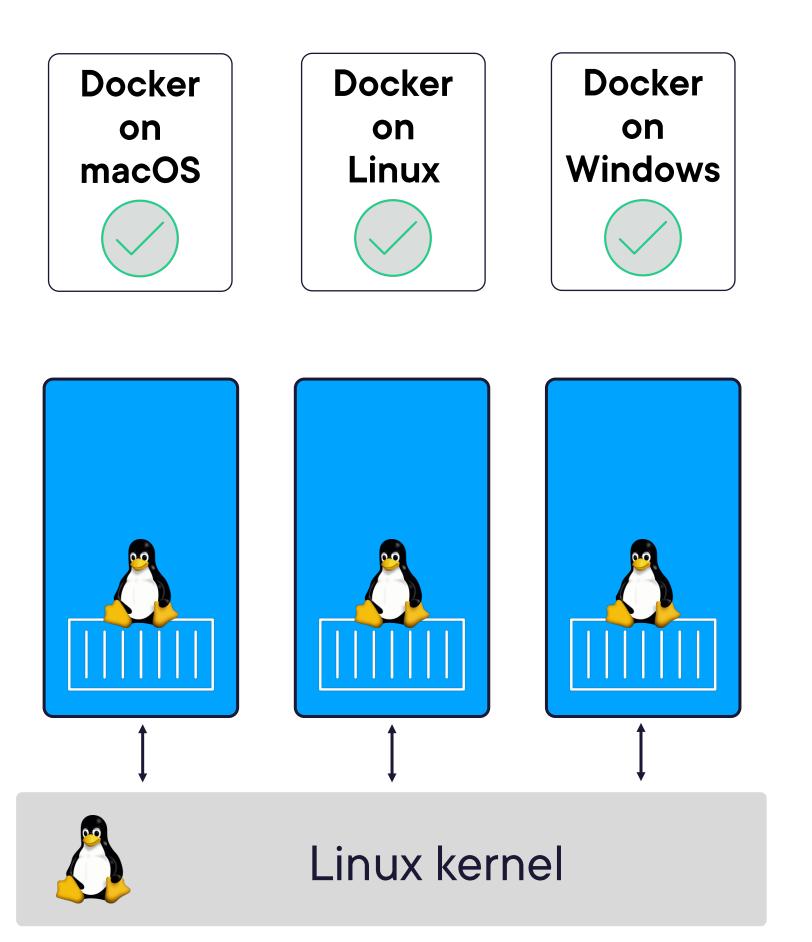




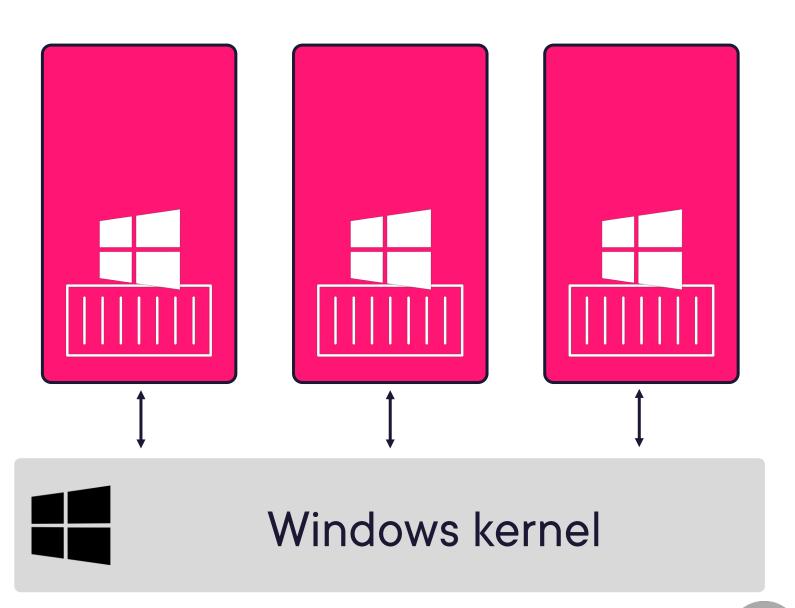


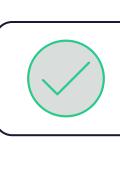












Docker Desktop on Windows



