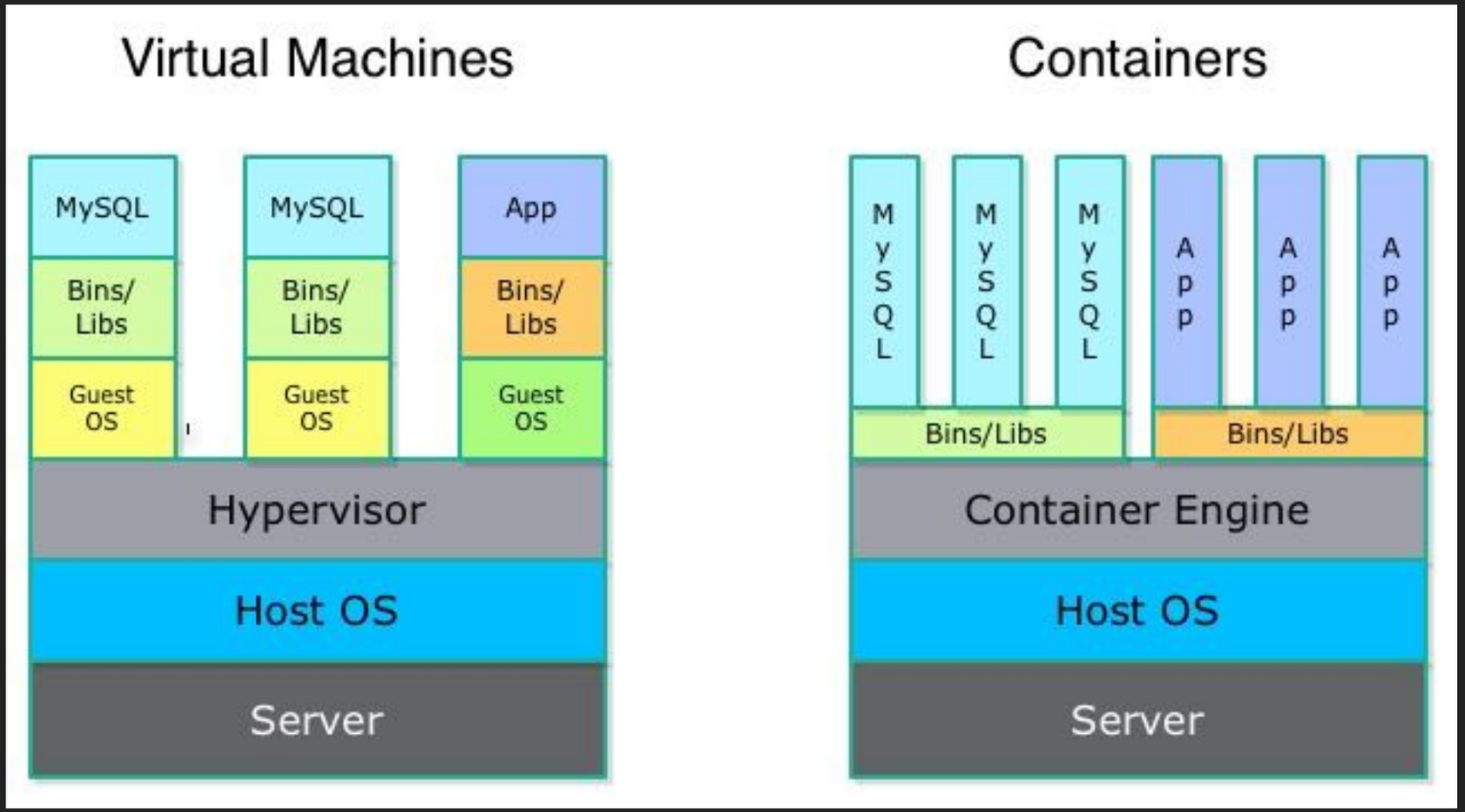
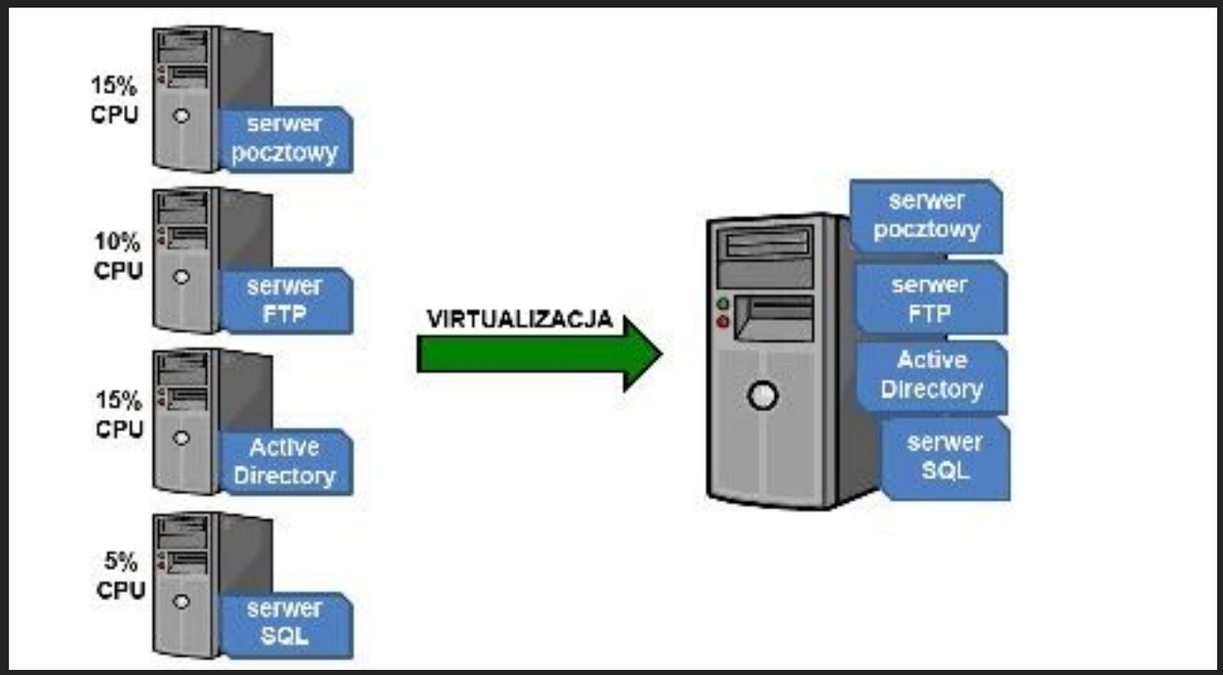
KONTENERYZACJA DANYCH, CZYLI:

DOCKER


Virtual Machines
MySQL
MySQL
App
Bins/ Libs
Bins/ Libs
Bins/ Libs
Guest OS
Guest OS
Guest OS
Hypervisor
Host OS
Server
Containers
MySQL
MySQL
MySQL
App
App
App
Bins/Libs
Bins/Libs
Container Engine
Host OS
Server


15% CPU
serwer pocztowy
10% CPU
serwer FTP
15% CPU
Active Directory
5% CPU
serwer SQL
VIRTUALIZACJA
serwer pocztowy
serwer FTP
Active Directory
serwer SQL

KONTENERYZACJA

- Osobny kontener dla każdej aplikacji/oprogramowania
- Kontenery działają niezależnie
- Możliwość połączenie kontenerów

WIRTUALIZACJA

- Brak kontenerów
- Wiele aplikacji w tym samym miejscu
- Przy wielu systemach na jednej maszynie szybko tracimy pojemność dysku.

DOCKER

docker

WRITABLE CONTAINER
ADD APACHE - image
ADD EMACS - image
DEBIAN - image
WRITABLE CONTAINER
BUSY BOX - image
KERNEL

BUILD BETTER SOFTWARE

Skip the setup and maintenance of development environments and language-specific tooling. Focus on creating new features, fixing issues, and shipping software.

ACCELERATE DEVELOPERS

Stop wasting hours setting up developer environments, spinning up new instances, and making copies of production code to run locally. With Docker, you simply take copies of your live environment and run them on any new endpoint running a Docker engine.

EMPOWER CREATIVITY

The isolation capabilities of Docker containers free developers from constraints: they can use the best language and tools for their application services without worrying about causing internal tooling conflicts.

ELIMINATE ENVIRONMENT INCONSISTENCIES

Packaging an application in a container with its configs and dependencies guarantees that the application will always work as designed in any environment: locally, on another machine, in test or production. No more worries about having to install the same configurations into different environments.

TWORZENIE LEPSZYCH SYSTEMÓW

DOCKER

SHARE AND COLLABORATE

Docker creates a common framework for developers and sysadmins to work together on distributed applications

DISTRIBUTE & SHARE CONTENT

Store, distribute, and manage Docker images in Docker Hub with your team. Image updates, changes, and history are automatically shared across your organization.

SIMPLY SHARE YOUR APPLICATION WITH OTHERS

Ship containers without worrying about environment dependencies creating issues for your application. Other teams can easily link to or test against your app without having to learn about how it works.

"SHARE AND COLLABORATE"

DOCKER

www.docker.com/what-docker

PAWEŁ OLSZOWY

DZIEKUJE I POLECAM

Ta ładna niebieska czcionka nie posiada polskich znaków

Przepraszam