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Containers - Where to start

And where it might take you



ABOUT

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- Cloud Native Copenhagen Organizer
- KCD Denmark Organizer
- X VMware Tanzu Specialist
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Agenda

Containers

Git, CI/CD etc.

Demo

Containers in the enterprise

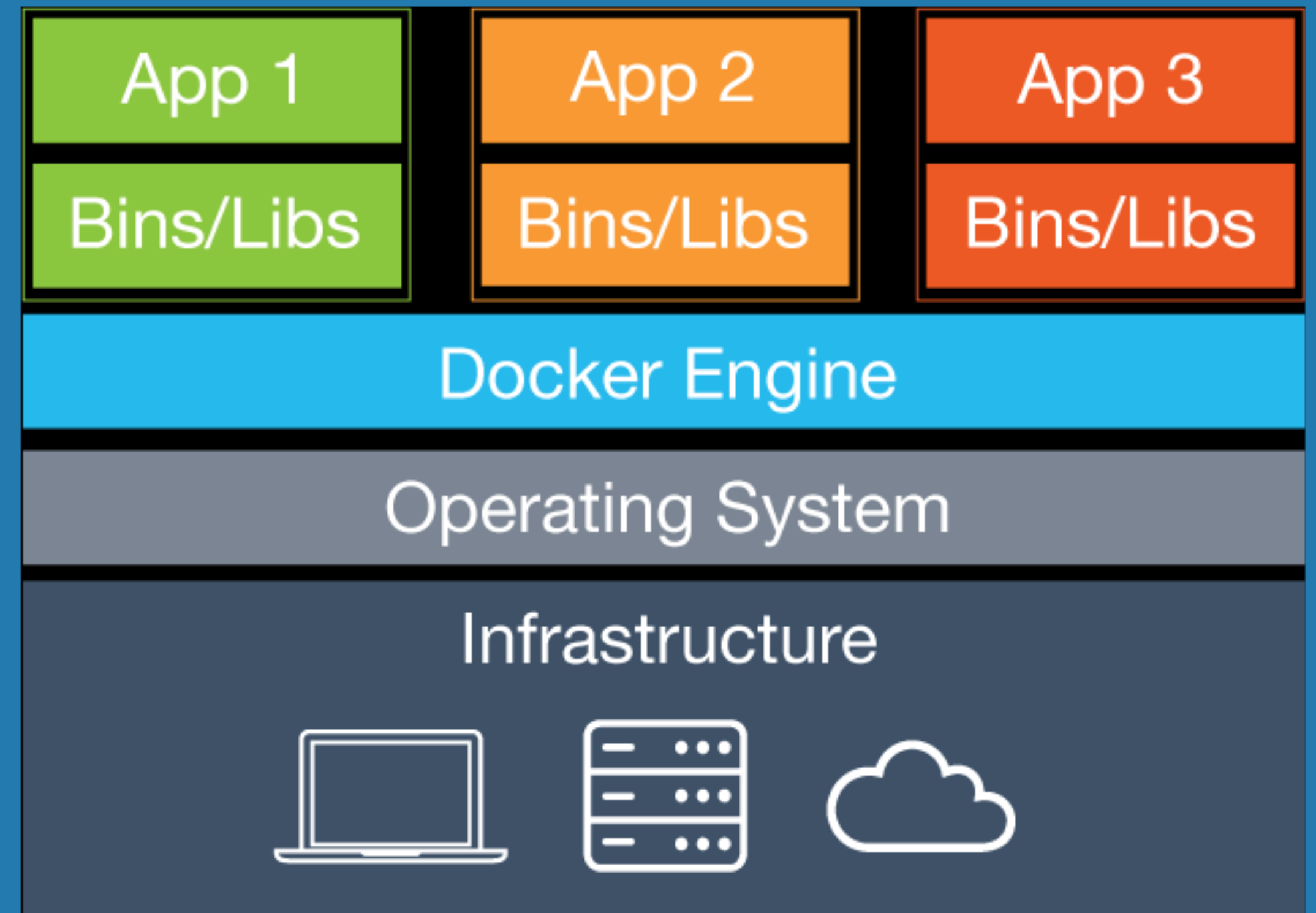
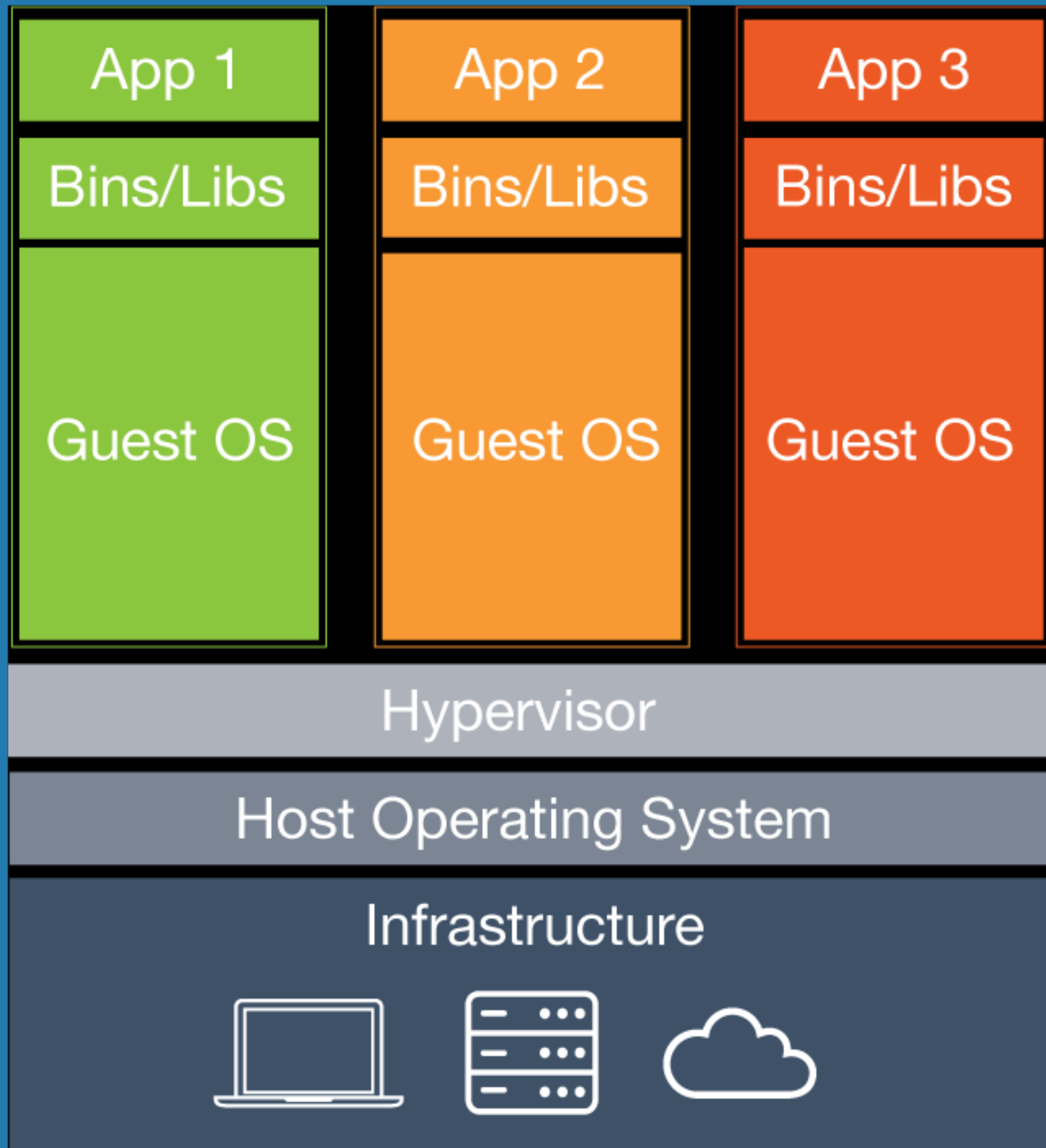
Demo

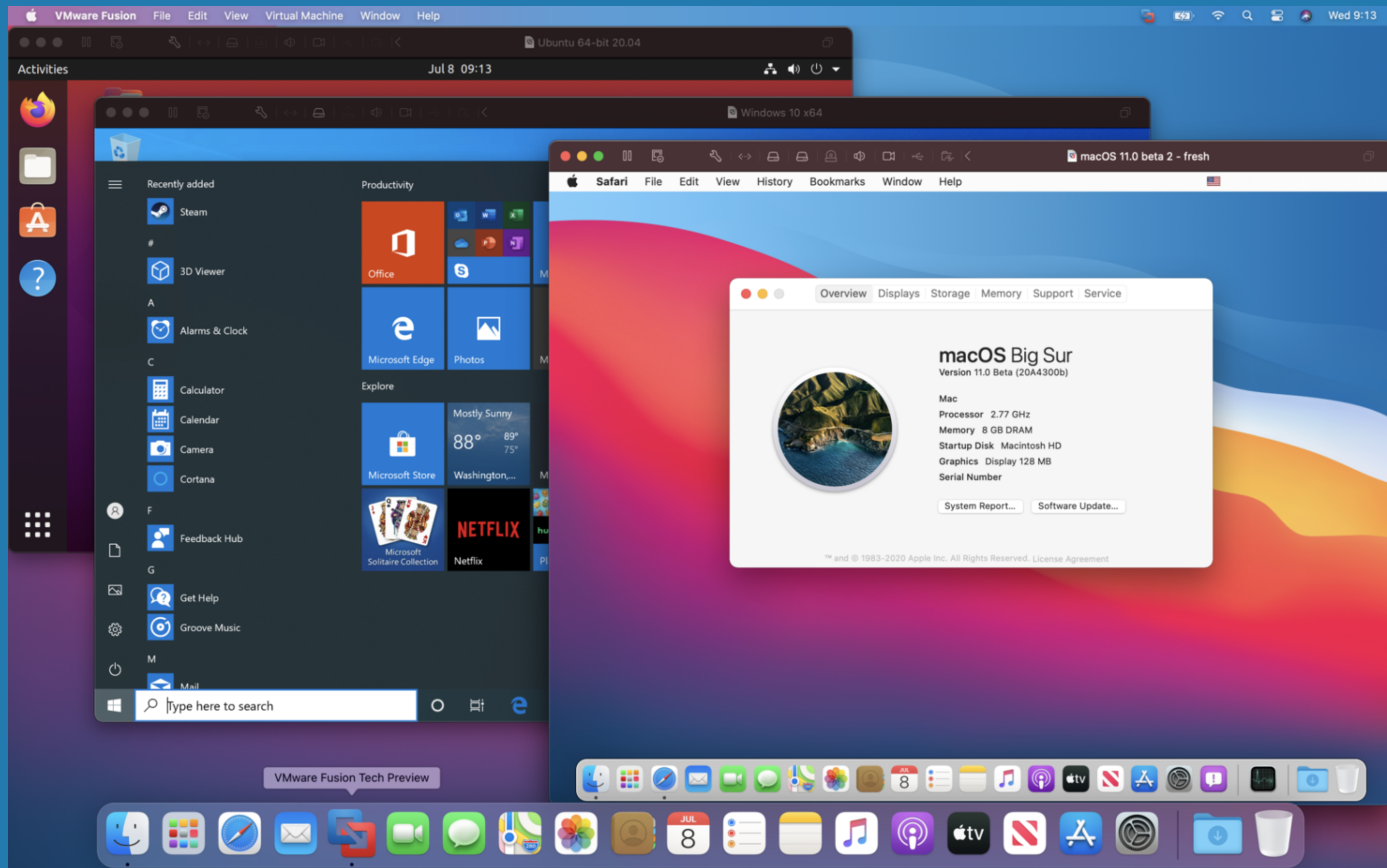


HOW EFFICIENT DO YOU PACKAGE YOUR APPLICATIONS ?



Containers





Dockerfile

```
# Use an official Ubuntu base image
FROM ubuntu:latest

# Set environment variables
ENV DEBIAN_FRONTEND=noninteractive

# Install Python and pip
RUN apt-get update && apt-get install -y \
    python3 \
    python3-pip \
    && rm -rf /var/lib/apt/lists/*

# Create a directory for the app
WORKDIR /app

# Copy the requirements file and install dependencies
COPY requirements.txt /app/requirements.txt
RUN pip3 install -r requirements.txt

# Copy the rest of the app's source code
COPY . /app

# Set the default command to run the web app
CMD ["python3", "app.py"]

# Expose the port that the app will run on
EXPOSE 5000
```

A person wearing a blue uniform is holding two large cardboard boxes. The person is standing in front of a white van, which is partially visible in the background. The van has a red light bar on its side. The scene appears to be a delivery or moving operation.

GIT

CD/CD



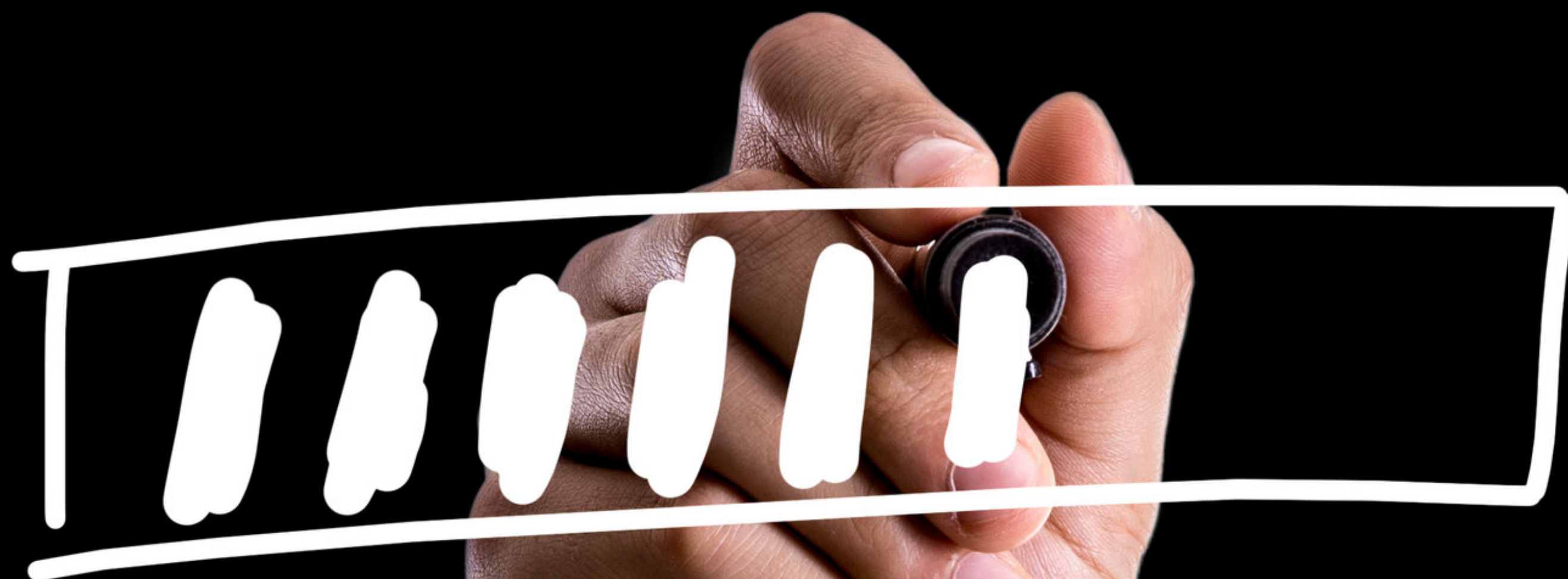
GitHub

GitHub

A vast platform reshaping how developers collaborate on projects by offering essential tools for version control, issue tracking, and code review.



DEMO



LOADING...

Enterprise

An aerial photograph of a massive container port. The image shows a dense grid of shipping containers in various colors (red, blue, white, orange, green) stacked in neat rows. Numerous yellow gantry cranes are positioned along the stacks, used for loading and unloading cargo from ships. The port is situated next to a body of water, with a ship visible in the distance. The overall scene conveys a sense of large-scale industrial activity and global trade.

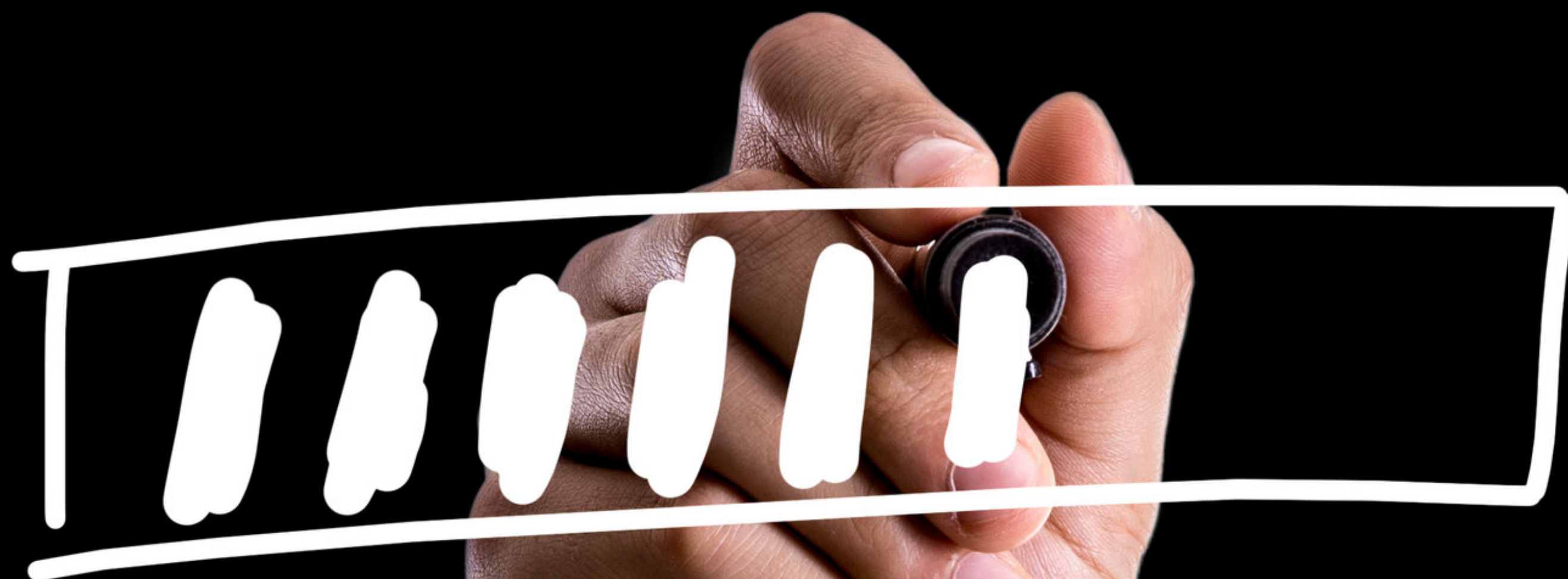
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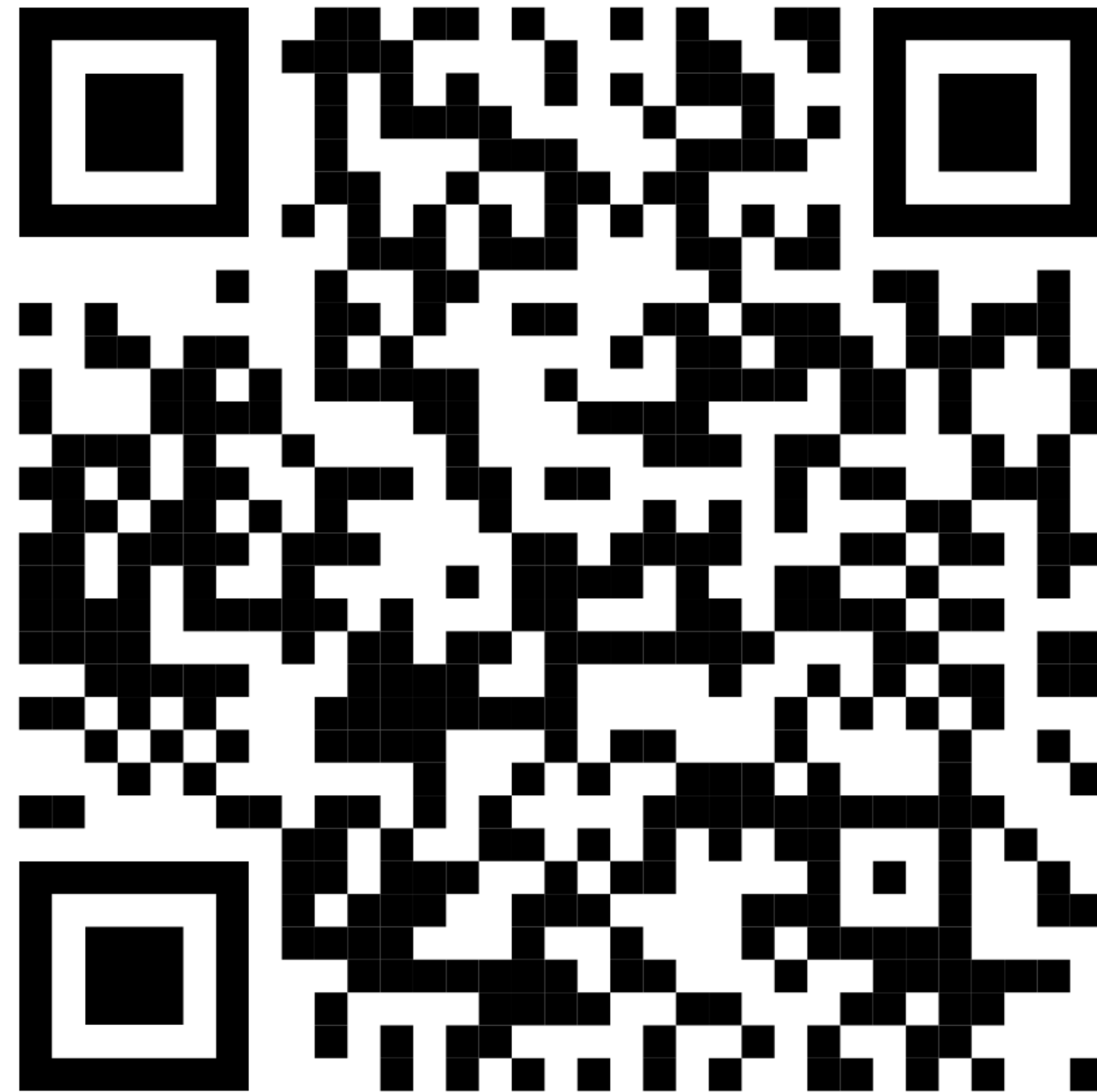
vSphere (vCente...

DEMO



LOADING...

Test it :-)



Home Sweet Home

Questions ?