

# Preparing to Deploy Everything on AWS

## Using and Configuring nginx

### Build the custom version of nginx locally

# Make sure you're in the nginx/ folder when executing this command  
docker build -t dockerzon\_nginx .

### Edit the entrypoint file

# Follow along with the video

### Re-build the nginx image to test it locally

# Make sure you're in the nginx/ folder when executing this command  
docker build -t dockerzon\_nginx .

### Start Dockerzon locally with Docker Compose

# Make sure you're in the dockerzon/ folder when executing this command  
docker-compose up -d

### Verify everything is running

docker ps

### Run the nginx image locally

# Make sure you're in the dockerzon/ folder when executing this command  
docker run --rm -p 80:80 --net dockerzon\_default dockerzon\_nginx

### Visit the application in your browser on the default HTTP port (80)

# Replace `localhost` with your Docker VM's IP address if you're running OSX or Windows.

<http://localhost>

- You should see Dockerzon, except no assets will be served (this is ok)

### Stop the nginx Docker container

CTRL+C

### Edit the entrypoint file again

# Follow along with the video

### Re-build the nginx image to so it's ready for production

# Make sure you're in the nginx/ folder when executing this command  
docker build -t dockerzon\_nginx .

## **Stop Dockerzon**

# Make sure you're in the dockerzon/ folder when executing this command  
`docker-compose stop`