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Step 1: Install Docker

Download Docker:

Verify Installation: After installation, open your terminal or command prompt and run the following command:

docker --version

Step 2: Download the Nginx Docker Image

Pull the Image: Use the following command to download the official Nginx image from Docker Hub:

docker pull nginx

Check Image: Verify that the image has been downloaded using:

docker images

Step 3: Run the Nginx Container

Start a Container: Run the following command to start a Docker container using the Nginx image:

docker run --name my-nginx -p 32769:80 -d nginx

Explanation:

`--name my-nginx` → Assigns a name to the container.

`-p 32769:80` → Maps port 80 from the container to port 32769 on your local machine.

`-d` →Runs the container in detached mode (in the background).

Step 4: Check the Container Status

List Running Containers: Confirm the container is running using:

docker ps

You should see `my-nginx` in the list with `0.0.0.0:32769->80/tcp` as the port mapping.

Troubleshooting: If the container is not running, check the logs using:

docker logs my-nginx

Step 5: View the Nginx Page

Open the Browser: Go to your preferred web browser.

Access the Nginx Page:

http://localhost:32769

View the Page: You should see the default Nginx welcome page, which confirms everything is set up correctly.