

Installing n8n with Docker

Docker is a platform that allows you to package applications and their dependencies into a standardized unit called a container. These containers can run consistently across different environments, whether it's your local machine, a server, or the cloud.

The image shows the Docker website homepage at the top and the Docker Desktop application interface below it.

Docker Website:

- Header: Docs, Get Support, Contact Sales, Sign In, Get Started.
- Logo: docker
- Navigation: AI, Products, Developers, Pricing, Support, Blog, Company.
- Notification: NEW Webinar series – Secure your software supply chain
- Main Title: Develop Faster!
- Subtext: Your foundation for secure, intelligent development
- Buttons: Download Docker Desktop, Learn about Docker for AI

Docker Desktop Interface:

- Left sidebar: Ask Gordon, Containers, Images, Volumes, Builds, Models, MCP Toolkit, Docker Hub, Docker Scout, Extensions.
- Top right: Container CPU usage (0.12% / 400%, 4 CPUs allocated), Container memory usage (274.11 MB / 14.66 GB), Show charts.
- Table: Displays running containers with columns: Name, Container ID, Image, Port(s), Last started, Actions.
- Containers listed:
 - adk (Container ID: 977070655d4, Image: docker/mcp-gateway..., Port(s): 8080:8080, Last started: 27 seconds ago)
 - mcp-gateway-1 (Container ID: 15fb89687eb, Image: adk/adk, Port(s): 8080:8080, Last started: 27 seconds ago)
 - adk-1 (Container ID: 15fb89687eb, Image: adk/adk, Port(s): 8080:8080, Last started: 27 seconds ago)

Downloading Docker

Download and install Docker for Desktop

- For mac version:

<https://docs.docker.com/desktop/setup/install/mac-install/>

- For windows version:

<https://docs.docker.com/desktop/setup/install/windows-install/>

- You can verify installation in Terminal by running image 1

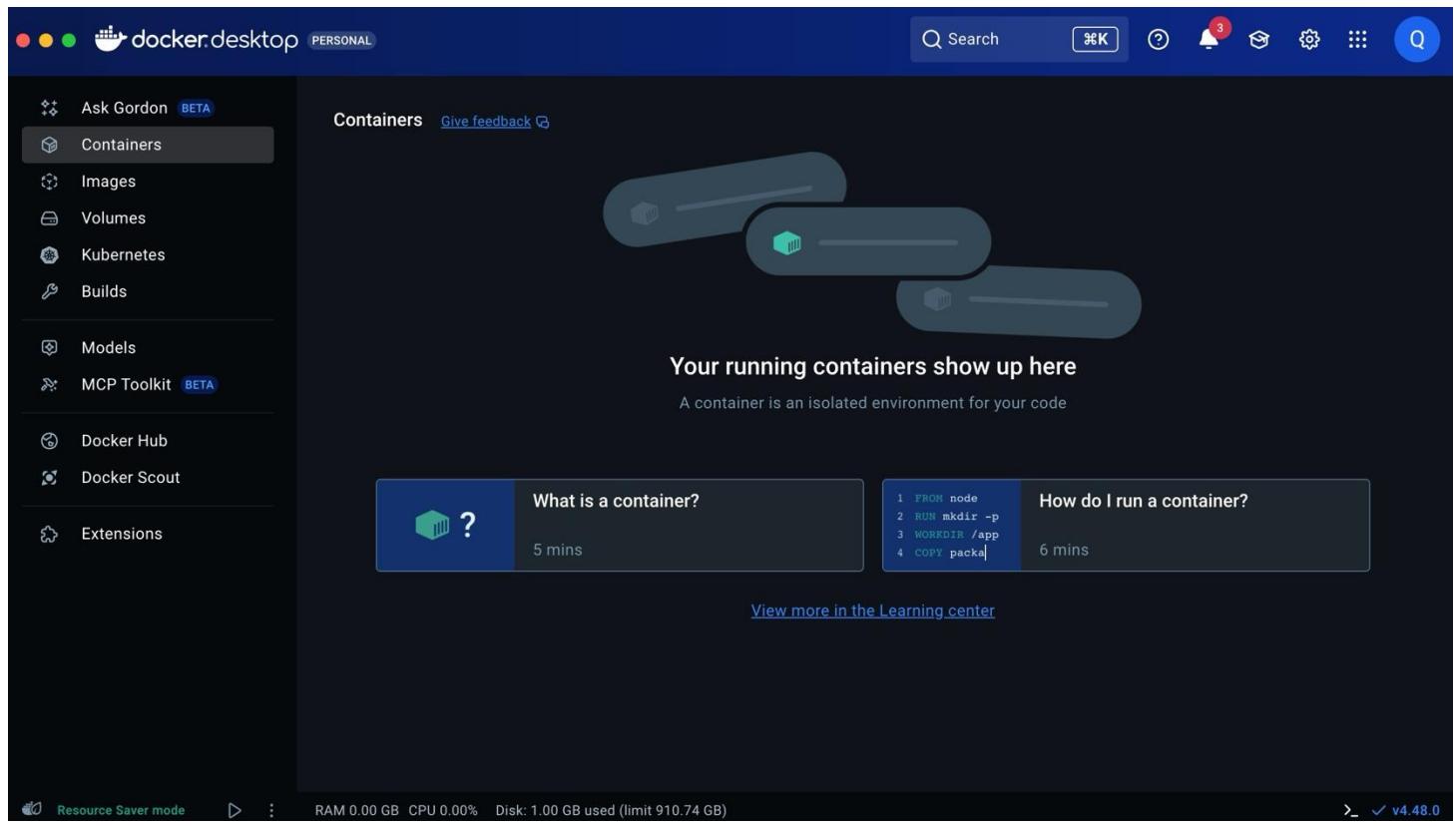
bash

```
docker --version  
docker compose version
```

Image 1 Optional: You can type this on Terminal to verify download

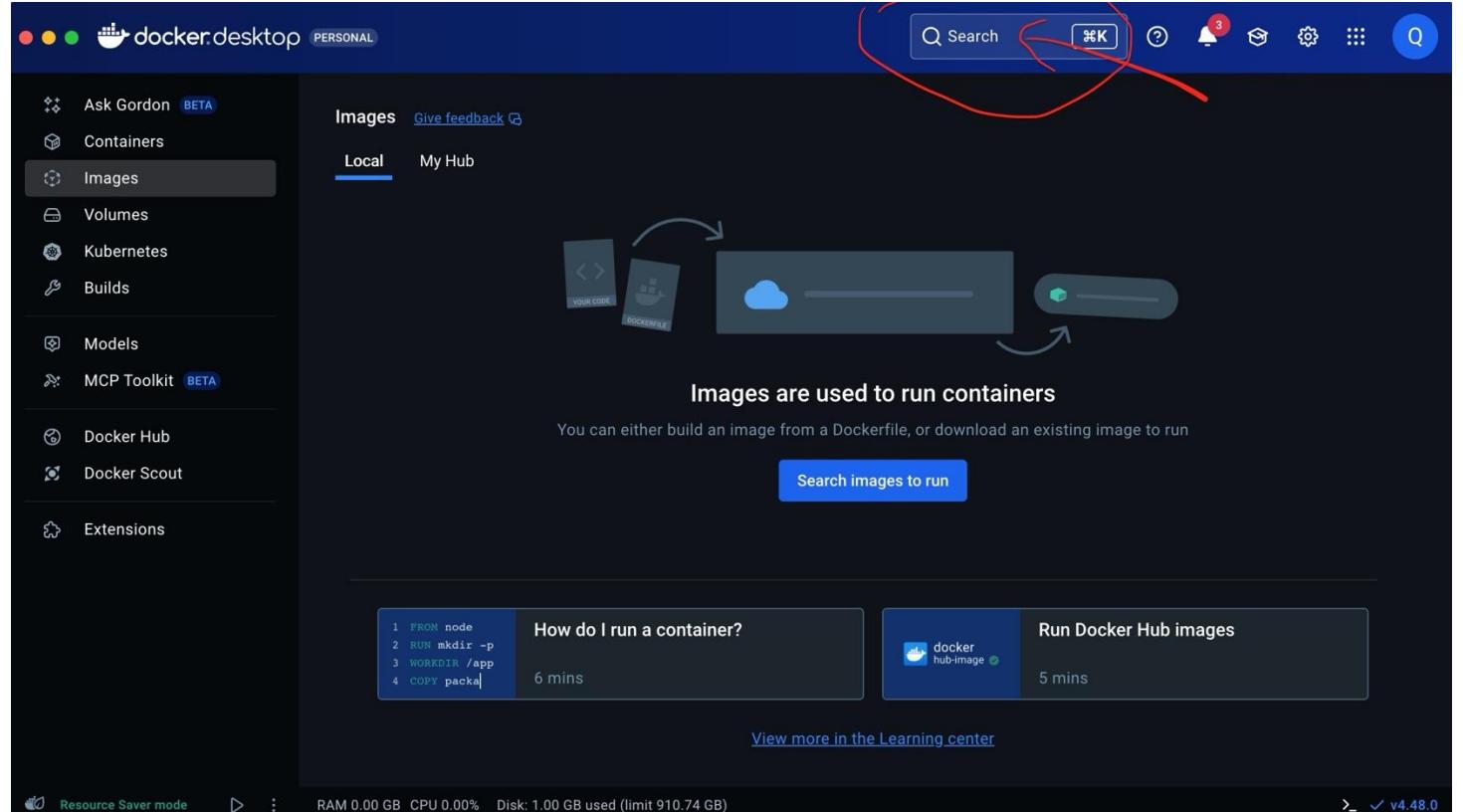
Docker Desktop app

- The dashboard provides a visual interface for managing all aspects of your containerized environment. It allows users to monitor, start, stop, and inspect containers. The dashboard also gives access to images (templates used to create containers), volumes (persistent storage for container data), and other key Docker resources.



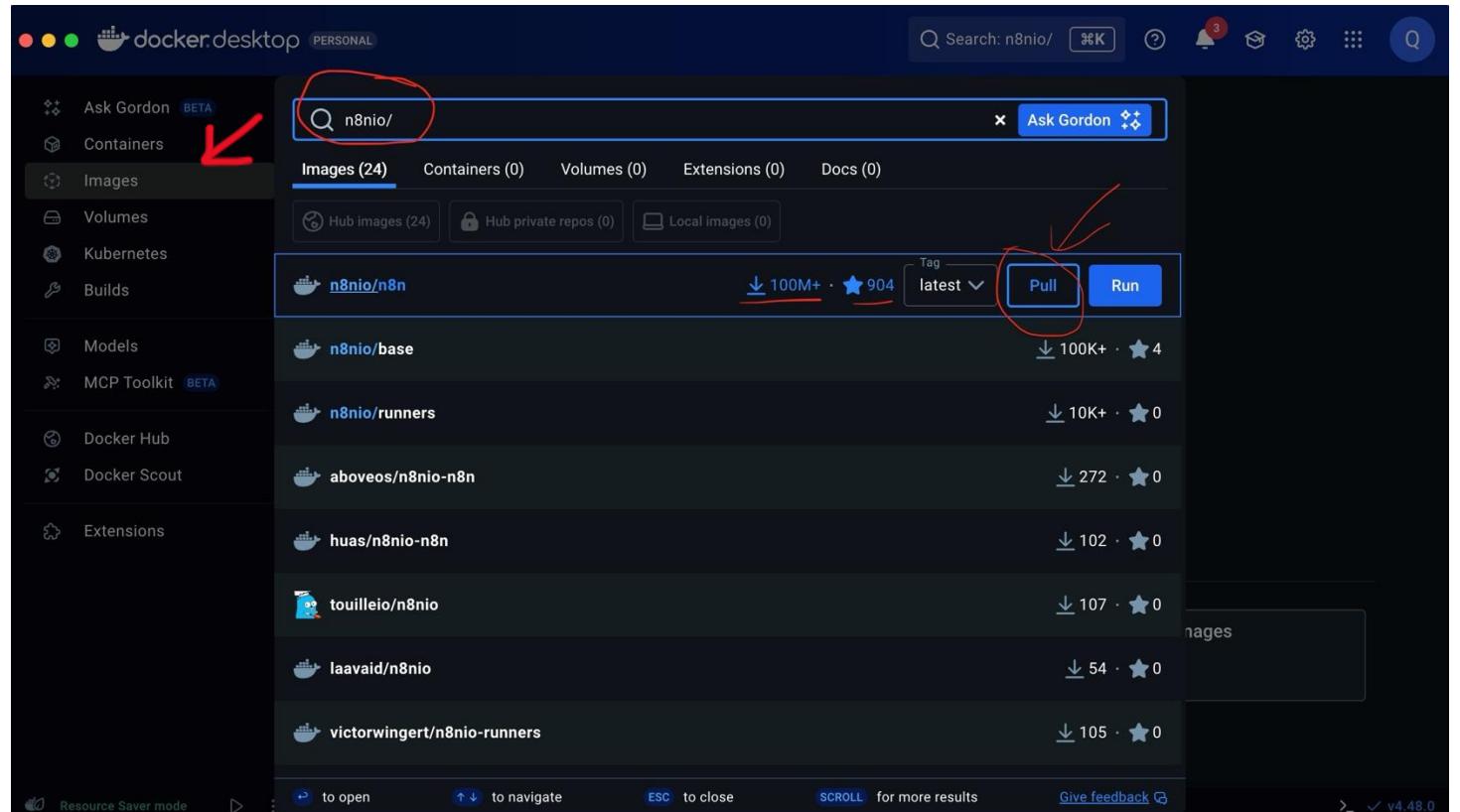
Installing n8n 1

- If successfully installed, open Docker app on your desktop and search for n8nio/n8n



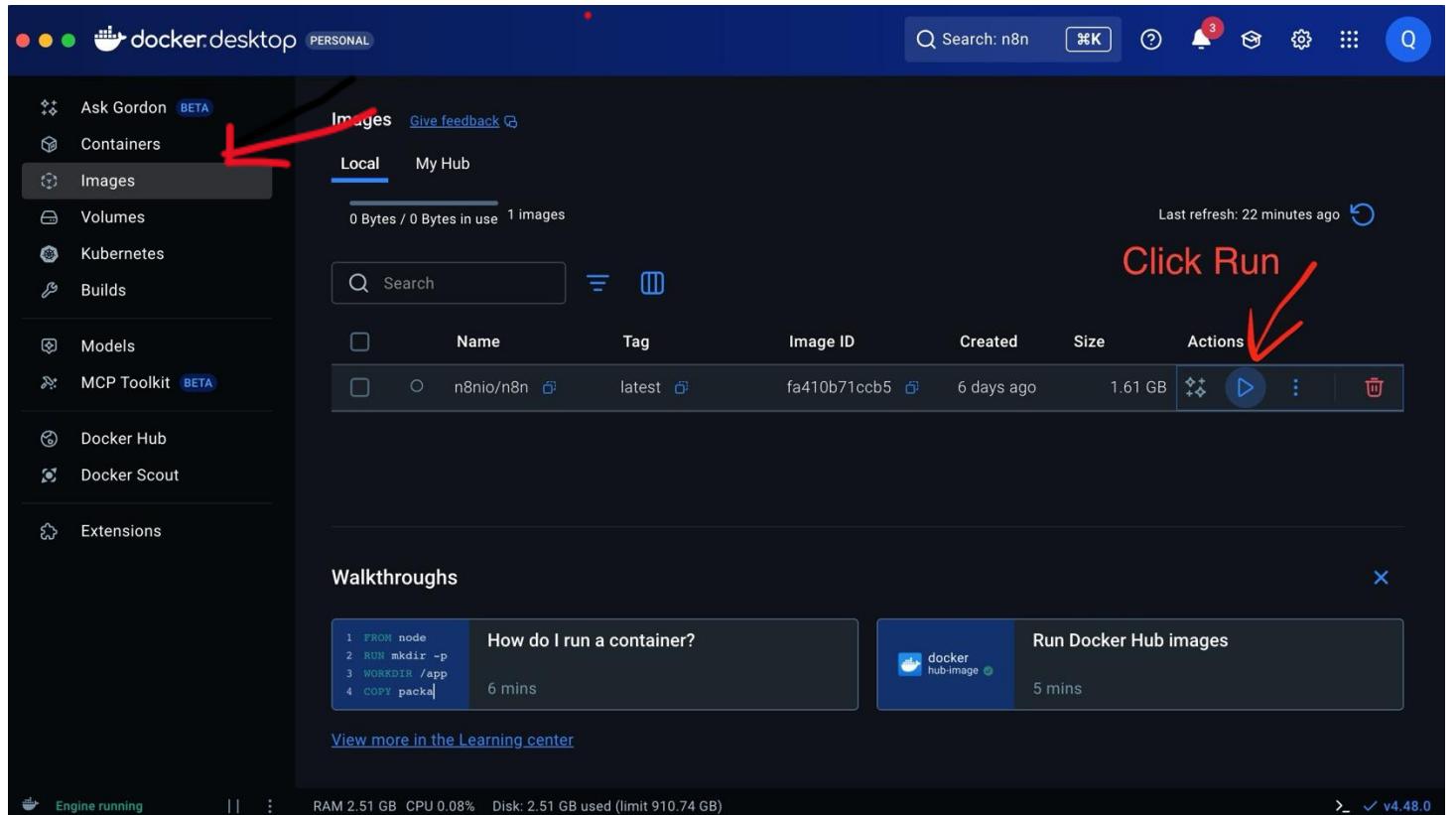
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- Click pull (see image). It will pull all the data from n8n and it will be saved in the image tab



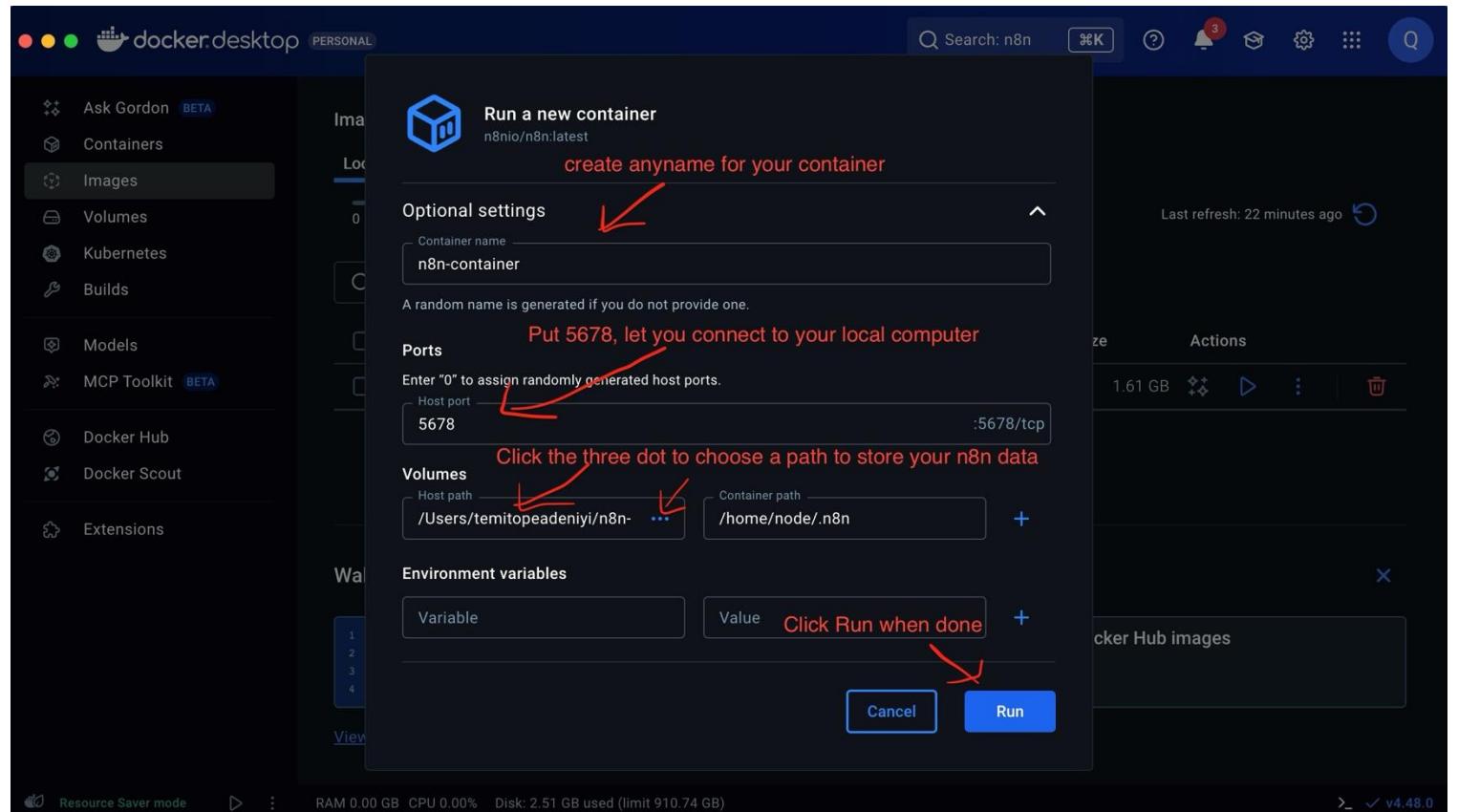
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- Click the play icon to run downloaded n8n



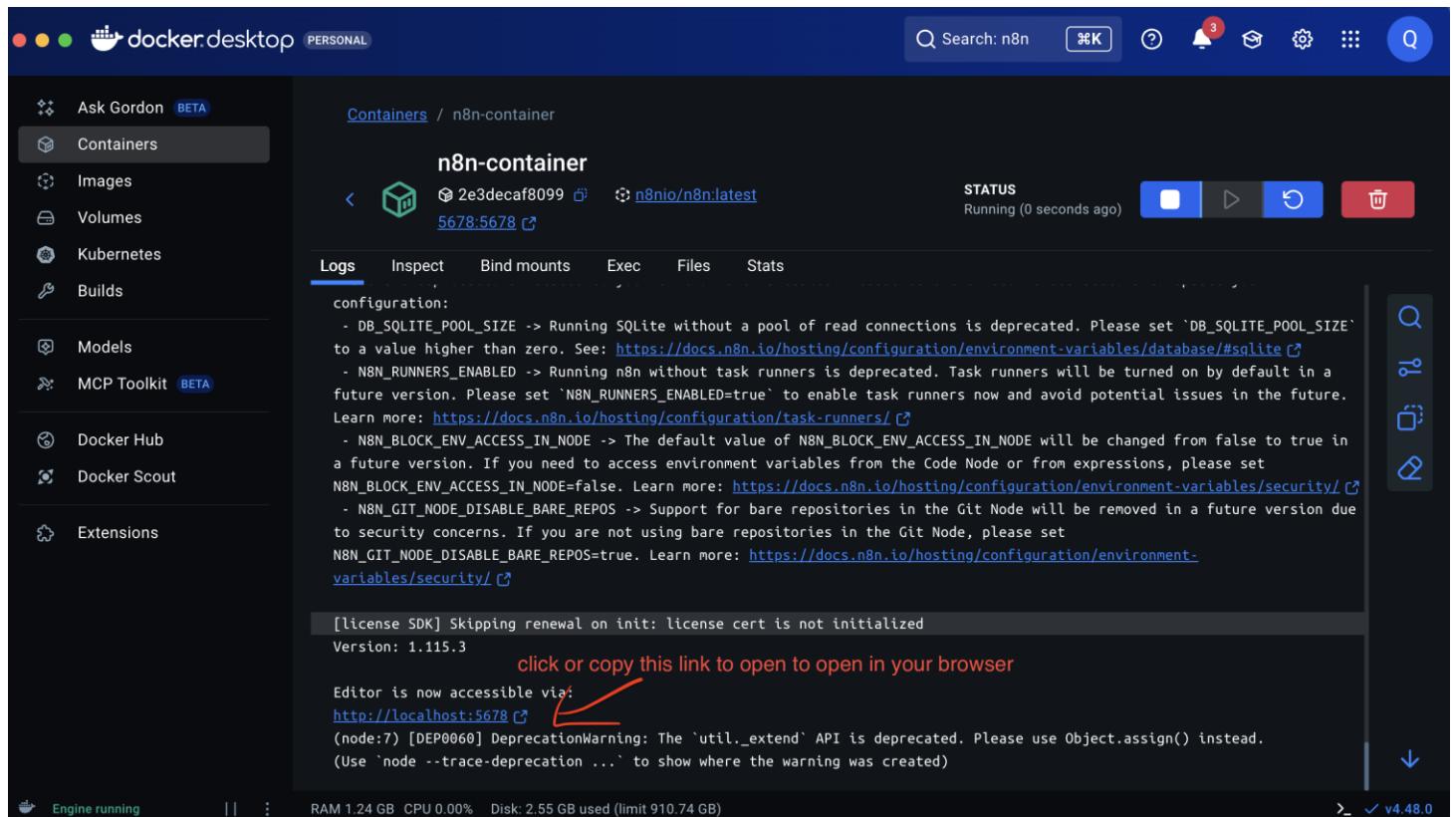
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- When you click run, a pop up screen is shown, click optional settings.
- For the first time when you have to set some few optional settings which are
- Container name: can be any name
- Ports: 5678
- Choose Host path by clicking the three dots
- Environment Variables is an optional input
- After done click RUN



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- Click the link <https://localhost:5678> to run the n8n on your browser. The link goes to an interface where you can set up your n8n account



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- Set up your account. This is different from your cloud account.
So you have to type in each details.

The screenshot shows a dark-themed account setup interface for n8n. At the top right is the n8n logo, which consists of three interconnected circles. The main title is "Set up owner account". Below it are four input fields with red asterisks indicating they are required: "Email *", "First Name *", "Last Name *", and "Password *". A note below the password field specifies: "8+ characters, at least 1 number and 1 capital letter". There is also a checkbox labeled "I want to receive security and product updates". At the bottom right of the form is a red "Next" button.

n8n

Set up owner account

Email *

First Name *

Last Name *

Password *

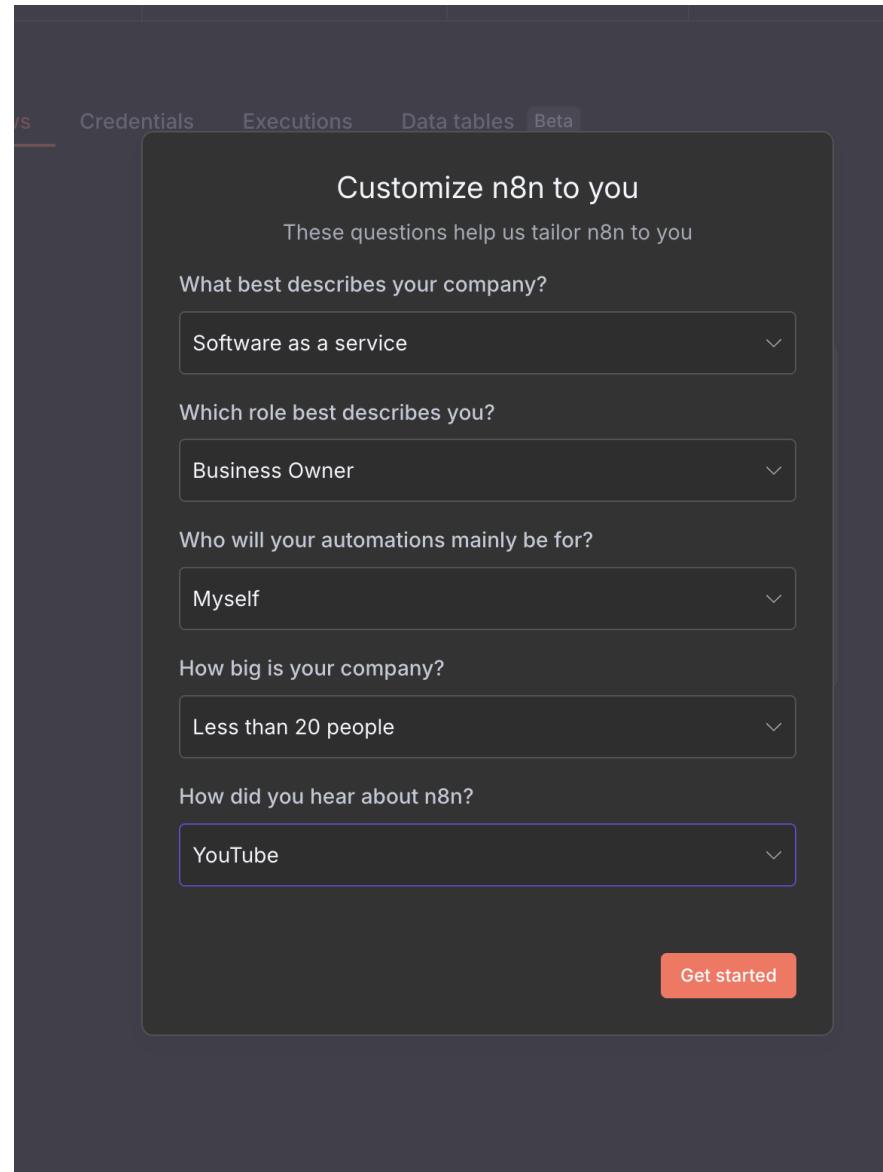
8+ characters, at least 1 number and 1 capital letter

I want to receive security and product updates

Next

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- Customize your n8n account according to the configuration in the image or as you deem fit



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- If you want to stop the n8n from running, you can stop from your docker desktop and it automatically stops the n8n running on your browser. You can also run again by clicking the play bottom

