

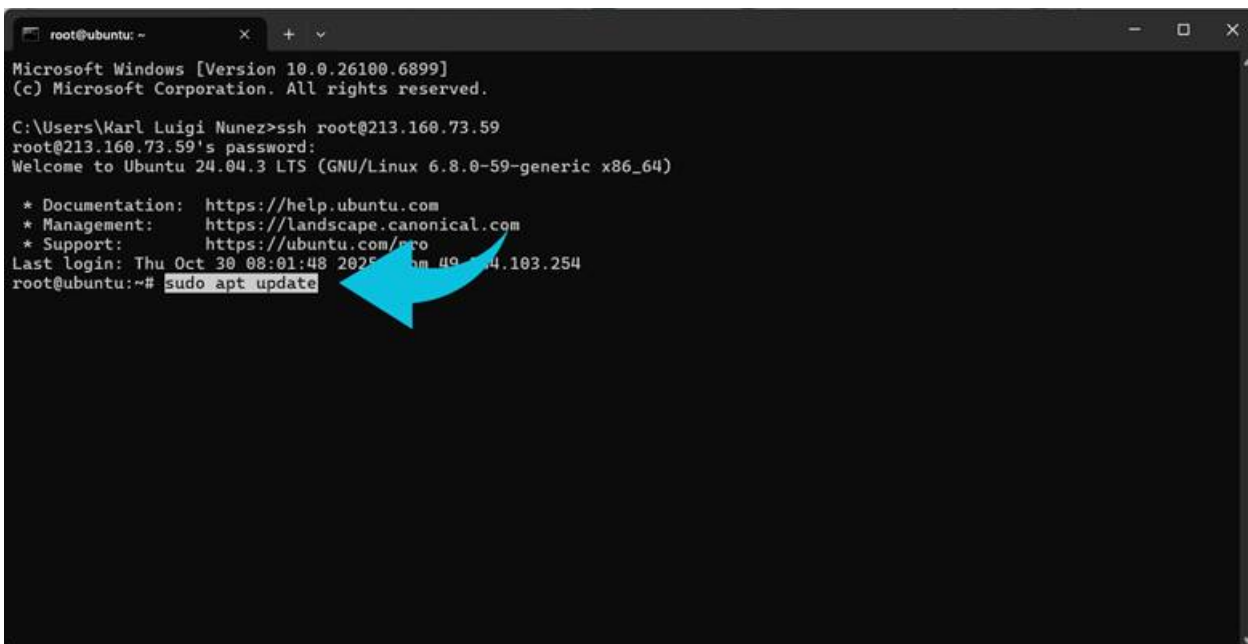
Setting Up Supabase via Command Line

For developers and teams who prioritize automation, version control, or deployment on remote servers, the command-line approach provides flexibility and repeatability. Using Docker and Docker Compose directly allows you to manage Supabase stacks efficiently and integrate the process into scripts or CI/CD pipelines.

Step 1. Install Docker and Docker Compose

- **Linux:**

`sudo apt update`



```
root@ubuntu: ~
Microsoft Windows [Version 10.0.26100.6899]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Karl Luigi Nunez>ssh root@213.160.73.59
root@213.160.73.59's password:
Welcome to Ubuntu 24.04.3 LTS (GNU/Linux 6.8.0-59-generic x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/pro
Last login: Thu Oct 30 08:01:48 2025 from 49.124.103.254
root@ubuntu:~# sudo apt update
```

`sudo apt install docker.io docker-compose -y`

```
root@ubuntu: ~
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Last login: Thu Oct 30 08:01:48 2025 from 49.144.103.254
root@ubuntu:~# sudo apt update
Hit:1 http://de.archive.ubuntu.com/ubuntu noble InRelease
Hit:2 http://de.archive.ubuntu.com/ubuntu noble-updates InRelease
Hit:3 http://de.archive.ubuntu.com/ubuntu noble-security InRelease
Hit:4 http://de.archive.ubuntu.com/ubuntu noble-backports InRelease
Hit:5 https://ppa.launchpadcontent.net/ondrej/php/ubuntu noble InRelease
Hit:6 https://deb.nodesource.com/node_22.x nodistro InRelease
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
All packages are up to date.
root@ubuntu:~# sudo apt install docker.io docker-compose -y
```

- **Windows/macOS:** Docker Desktop includes both tools, so no additional installation is needed.

Verify Docker is running before proceeding.

Step 2. Clone the Supabase Repository

`git clone https://github.com/supabase/supabase.git`

`cd supabase/docker`

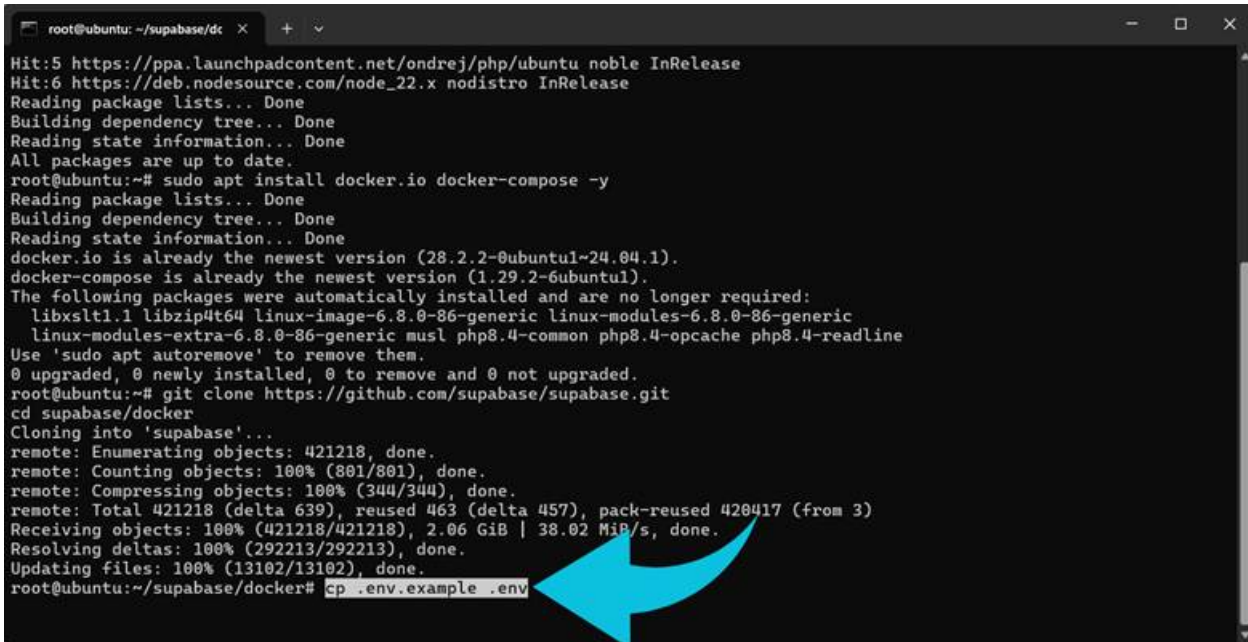
```
root@ubuntu: ~
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Hit:3 http://de.archive.ubuntu.com/ubuntu noble-security InRelease
Hit:4 http://de.archive.ubuntu.com/ubuntu noble-backports InRelease
Hit:5 https://ppa.launchpadcontent.net/ondrej/php/ubuntu noble InRelease
Hit:6 https://deb.nodesource.com/node_22.x nodistro InRelease
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
All packages are up to date.
root@ubuntu:~# sudo apt install docker.io docker-compose -y
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
docker.io is already the newest version (28.2.2-0ubuntu1~24.04.1).
docker-compose is already the newest version (1.29.2-6ubuntu1).
The following packages were automatically installed and are no longer required:
  libxslt1.1 libzip4t64 linux-image-6.8.0-86-generic linux-modules-6.8.0-86-generic
  linux-modules-extra-6.8.0-86-generic musl php8.4-common php8.4-opcache php8.4-readline
Use 'sudo apt autoremove' to remove them.
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
root@ubuntu:~# git clone https://github.com/supabase/supabase.git
cd supabase/docker
```

This repository contains the [docker-compose.yml](#) configuration defining all core services: PostgreSQL, APIs, authentication, Realtime, storage, and Supabase Studio.

Step 3. Configure Environment Variables

Copy the example environment file and customize it:

```
cp .env.example .env
```



```
root@ubuntu: ~/supabase/dc
Hit:5 https://ppa.launchpadcontent.net/ondrej/php/ubuntu noble InRelease
Hit:6 https://deb.nodesource.com/node_22.x nodistro InRelease
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
All packages are up to date.
root@ubuntu:~# sudo apt install docker.io docker-compose -y
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
docker.io is already the newest version (28.2.2-0ubuntu1~24.04.1).
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  linux-modules-extra-6.8.0-86-generic musl php8.4-common php8.4-opcache php8.4-readline
Use 'sudo apt autoremove' to remove them.
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
root@ubuntu:~# git clone https://github.com/supabase/supabase.git
cd supabase/docker
Cloning into 'supabase'...
remote: Enumerating objects: 421218, done.
remote: Counting objects: 100% (801/801), done.
remote: Compressing objects: 100% (344/344), done.
remote: Total 421218 (delta 639), reused 463 (delta 457), pack-reused 420417 (from 3)
Receiving objects: 100% (421218/421218), 2.06 GiB | 38.02 MiB/s, done.
Resolving deltas: 100% (292213/292213), done.
Updating files: 100% (13102/13102), done.
root@ubuntu:~/supabase/docker# cp .env.example .env
```

Edit [.env](#) to set your credentials and keys:

- [POSTGRES_PASSWORD](#): PostgreSQL database password
- [JWT_SECRET](#): authentication token secret
- [ANON_KEY](#) and [SERVICE_ROLE_KEY](#): API access keys

Properly securing these values is critical, especially in production environments.

Step 4. Launch Supabase

Start the services in detached mode:

```
docker compose up -d
```

```
root@ubuntu: ~/supabase/dc X +
Hit:5 https://ppa.launchpadcontent.net/ondrej/php/ubuntu noble InRelease
Hit:6 https://deb.nodesource.com/node_22.x nodistro InRelease
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
All packages are up to date.
root@ubuntu:~# sudo apt install docker.io docker-compose -y
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
docker.io is already the newest version (28.2.2-0ubuntu1~24.04.1).
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Use 'sudo apt autoremove' to remove them.
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
root@ubuntu:~# git clone https://github.com/supabase/supabase.git
cd supabase/docker
Cloning into 'supabase'...
remote: Enumerating objects: 421218, done.
remote: Counting objects: 100% (801/801), done.
remote: Compressing objects: 100% (344/344), done.
remote: Total 421218 (delta 639), reused 463 (delta 457), pack-reused 420417 (from 3)
Receiving objects: 100% (421218/421218), 2.06 GiB | 38.8 MiB/s, done.
Resolving deltas: 100% (292213/292213), done.
Updating files: 100% (13102/13102), done.
root@ubuntu:~/supabase/docker# cp .env.example .env
root@ubuntu:~/supabase/docker# docker compose up -d
```

Docker Compose pulls all necessary images and runs the containers, including database, authentication, Realtime, API, and Studio.

Step 5. Verify and Access the Platform

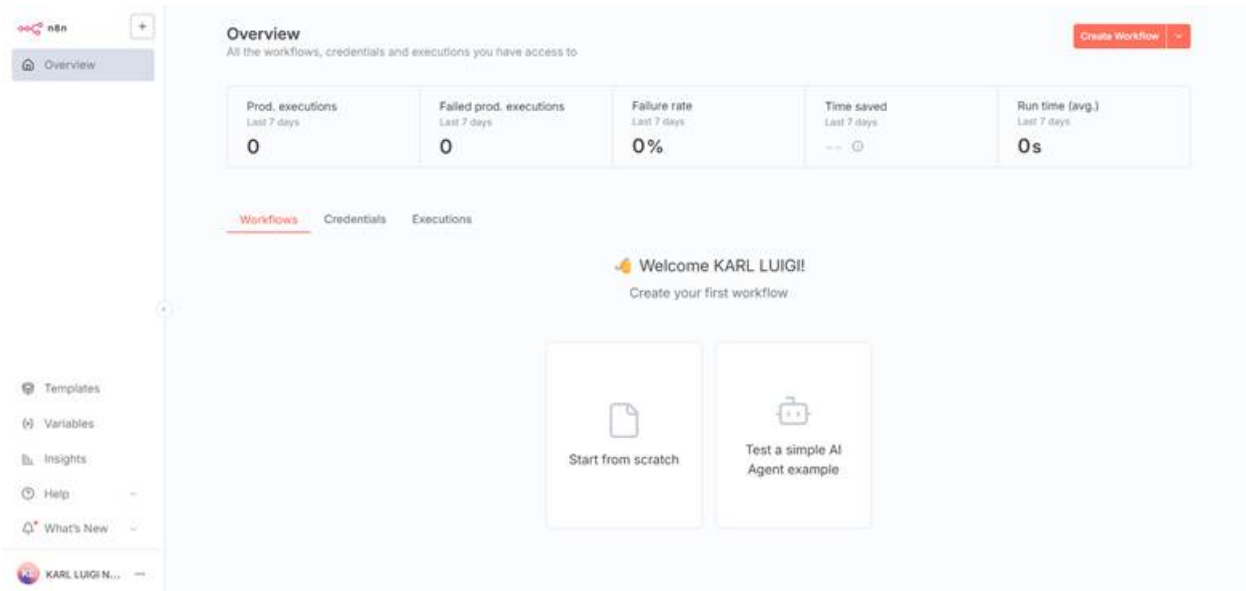
Check that all containers are running:

`docker ps`

```
root@ubuntu: ~/supabase/dc X +
✓kong Pulled 43.4s
✓vector Pulled 45.0s
✓rest Pulled 50.6s
✓db Pulled 101.5s
✓analytics Pulled 138.6s
✓meta Pulled 87.4s
✓imgproxy Pulled 45.9s
✓supavisor Pulled 148.6s
✓realtime Pulled 115.2s
✓auth Pulled 63.1s
✓studio Pulled 136.5s
✓storage Pulled 131.6s
✓functions Pulled 126.1s
[+] Running 15/15
✓Network supabase_default Created 0.8s
✓Volume supabase_db-config Created 0.1s
✓Container supabase-vector Healthy 13.7s
✓Container supabase-imgproxy Started 8.2s
✓Container supabase-db Healthy 61.9s
✓Container supabase-analytics Healthy 58.0s
✓Container supabase-auth Started 59.1s
✓Container supabase-edge-functions Started 59.3s
✓Container supabase-rest Started 59.1s
✓Container realtime-dev.supabase-realtime Started 59.2s
✓Container supabase-meta Started 59.1s
✓Container supabase-kong Started 59.2s
✓Container supabase-pooler Started 59.3s
✓Container supabase-studio Started 59.0s
✓Container supabase-storage Started 62.4s
root@ubuntu:~/supabase/docker# docker ps
```

Then open Supabase Studio in your browser:

<http://localhost:3000>



You now have full access to your self-hosted backend.

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