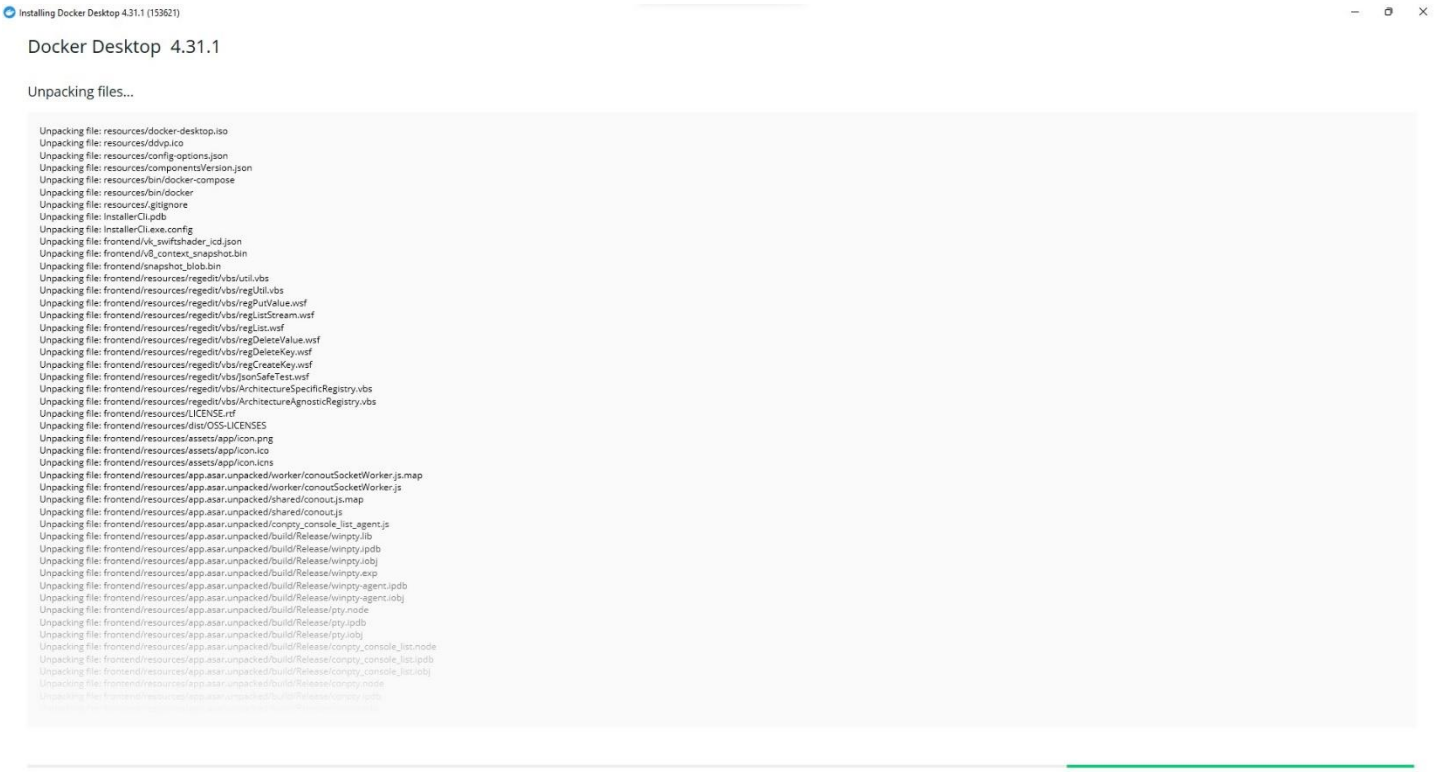
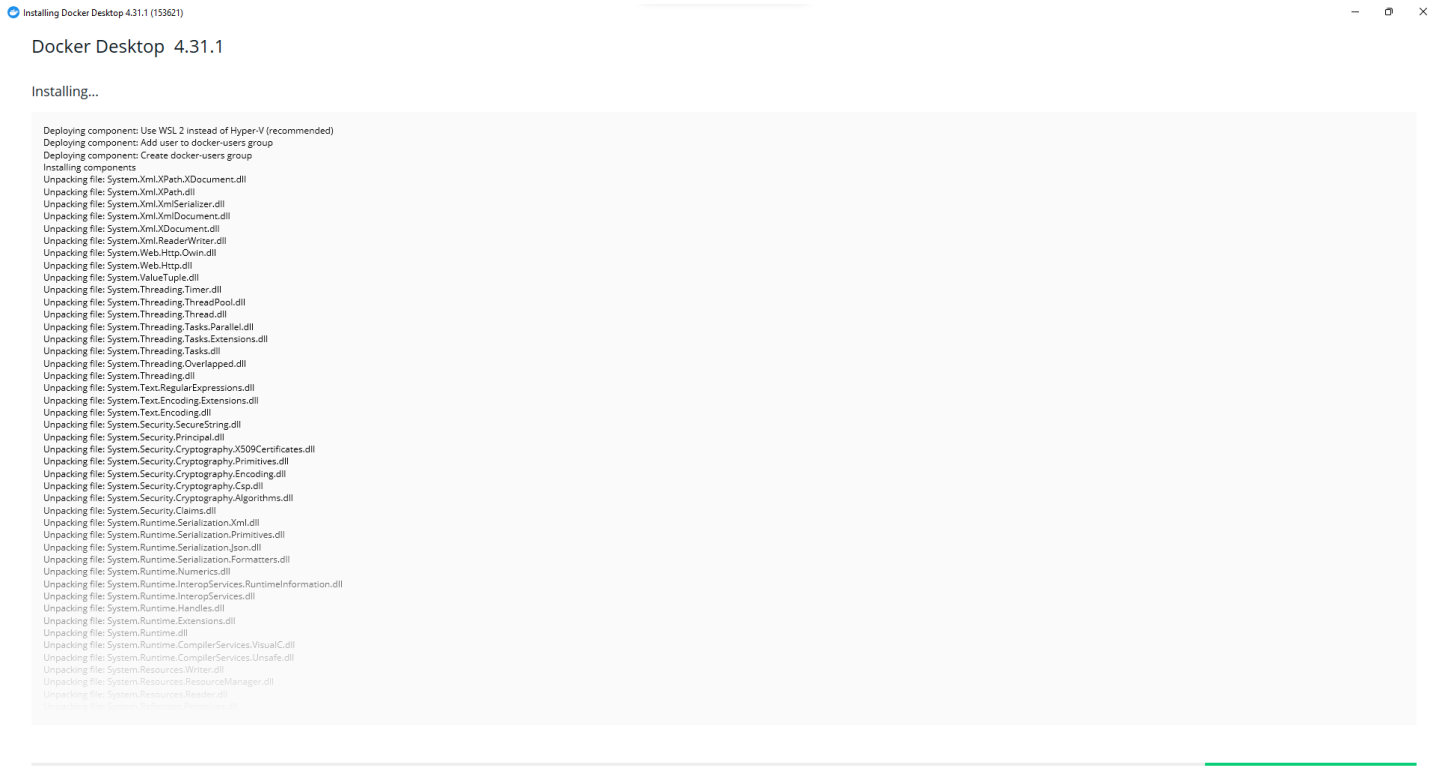
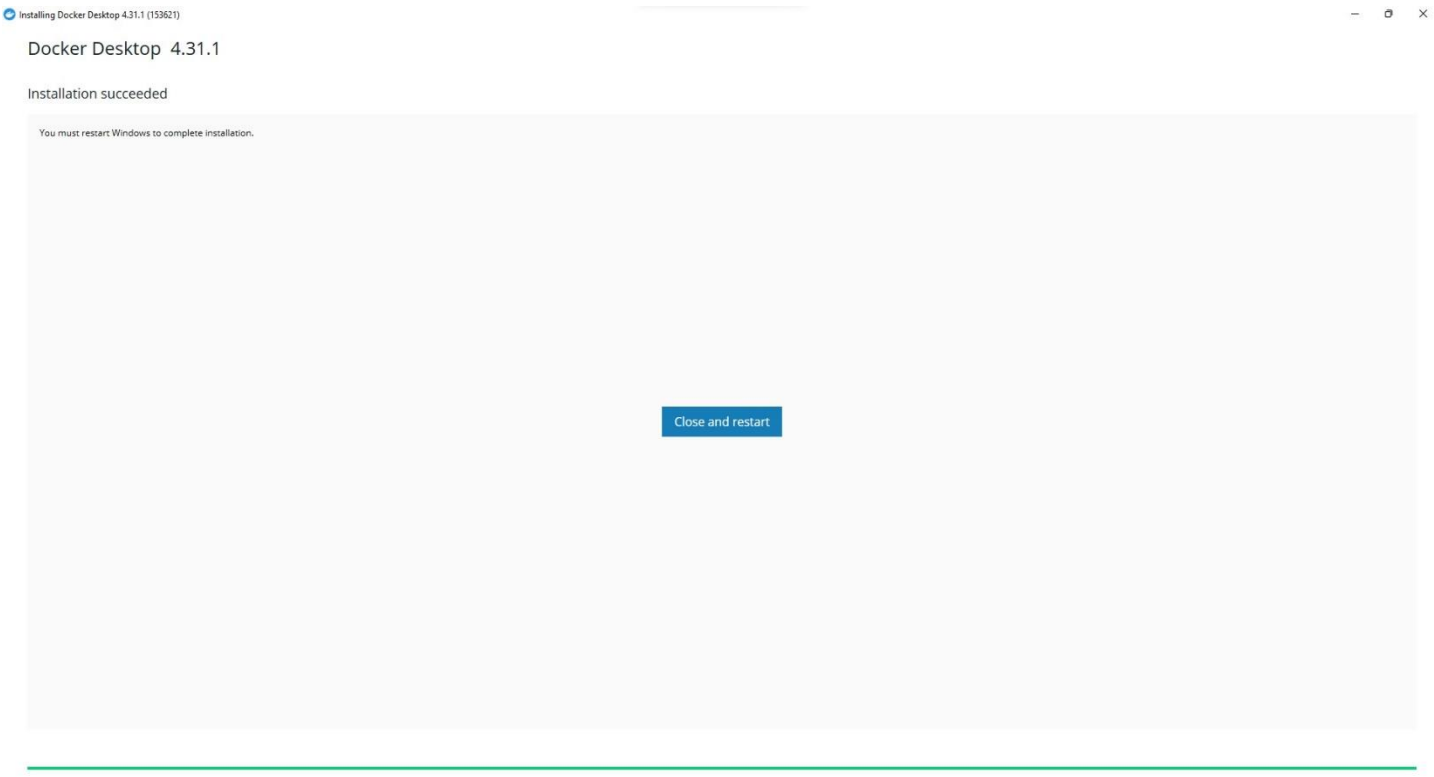
1. نصب و راه اندازی داکر و WLS

ابتدا نرم افزار docker را از لینک زیر دانلود و نصب کنید. مراحل نصب به شرح زیر میباشد.

https://www.docker.com/products/docker-desktop




Installing Docker Desktop 4.31.1 (153621)
Docker Desktop 4.31.1
Installing...
Deploying component: Use WSL 2 instead of Hyper-V (recommended)
Deploying component: Add user to docker-users group
Deploying component: Create docker-users group
Installing components
Unpacking file: System.Xml.XPath.XDocument.dll
Unpacking file: System.Xml.XPath.dll
Unpacking file: System.Xml.XmlSerializer.dll
Unpacking file: System.Xml.XmlDocument.dll
Unpacking file: System.Xml.XDocument.dll
Unpacking file: System.Xml.ReaderWriter.dll
Unpacking file: System.Web.Http.Owin.dll
Unpacking file: System.Web.Http.dll
Unpacking file: System.ValueTuple.dll
Unpacking file: System.Threading.Timer.dll
Unpacking file: System.Threading.ThreadPool.dll
Unpacking file: System.Threading.Thread.dll
Unpacking file: System.Threading.Tasks.Parallel.dll
Unpacking file: System.Threading.Tasks.Extensions.dll
Unpacking file: System.Threading.Tasks.dll
Unpacking file: System.Threading.Overlapped.dll
Unpacking file: System.Threading.dll
Unpacking file: System.Text.RegularExpressions.dll
Unpacking file: System.Text.Encoding.Extensions.dll
Unpacking file: System.Text.Encoding.dll
Unpacking file: System.Security.SecureString.dll
Unpacking file: System.Security.Principal.dll
Unpacking file: System.Security.Cryptography.X509Certificates.dll
Unpacking file: System.Security.Cryptography.Primitives.dll
Unpacking file: System.Security.Cryptography.Encoding.dll
Unpacking file: System.Security.Cryptography.Csp.dll
Unpacking file: System.Security.Cryptography.Algorithms.dll
Unpacking file: System.Security.Claims.dll
Unpacking file: System.Runtime.Serialization.Xml.dll
Unpacking file: System.Runtime.Serialization.Primitives.dll
Unpacking file: System.Runtime.Serialization.Json.dll
Unpacking file: System.Runtime.Serialization.Formatters.dll
Unpacking file: System.Runtime.Numerics.dll
Unpacking file: System.Runtime.InteropServices.RuntimeInformation.dll
Unpacking file: System.Runtime.InteropServices.dll
Unpacking file: System.Runtime.Handles.dll
Unpacking file: System.Runtime.Extensions.dll
Unpacking file: System.Runtime.dll
Unpacking file: System.Runtime.CompilerServices.VisualC.dll
Unpacking file: System.Runtime.CompilerServices.Unsafe.dll
Unpacking file: System.Resources.Writer.dll
Unpacking file: System.Resources.ResourceManager.dll
Unpacking file: System.Resources.Reader.dll


Installing Docker Desktop 4.31.1 (153621)
Docker Desktop 4.31.1
Installation succeeded
You must restart Windows to complete installation.
Close and restart

Docker Subscription Service Agreement

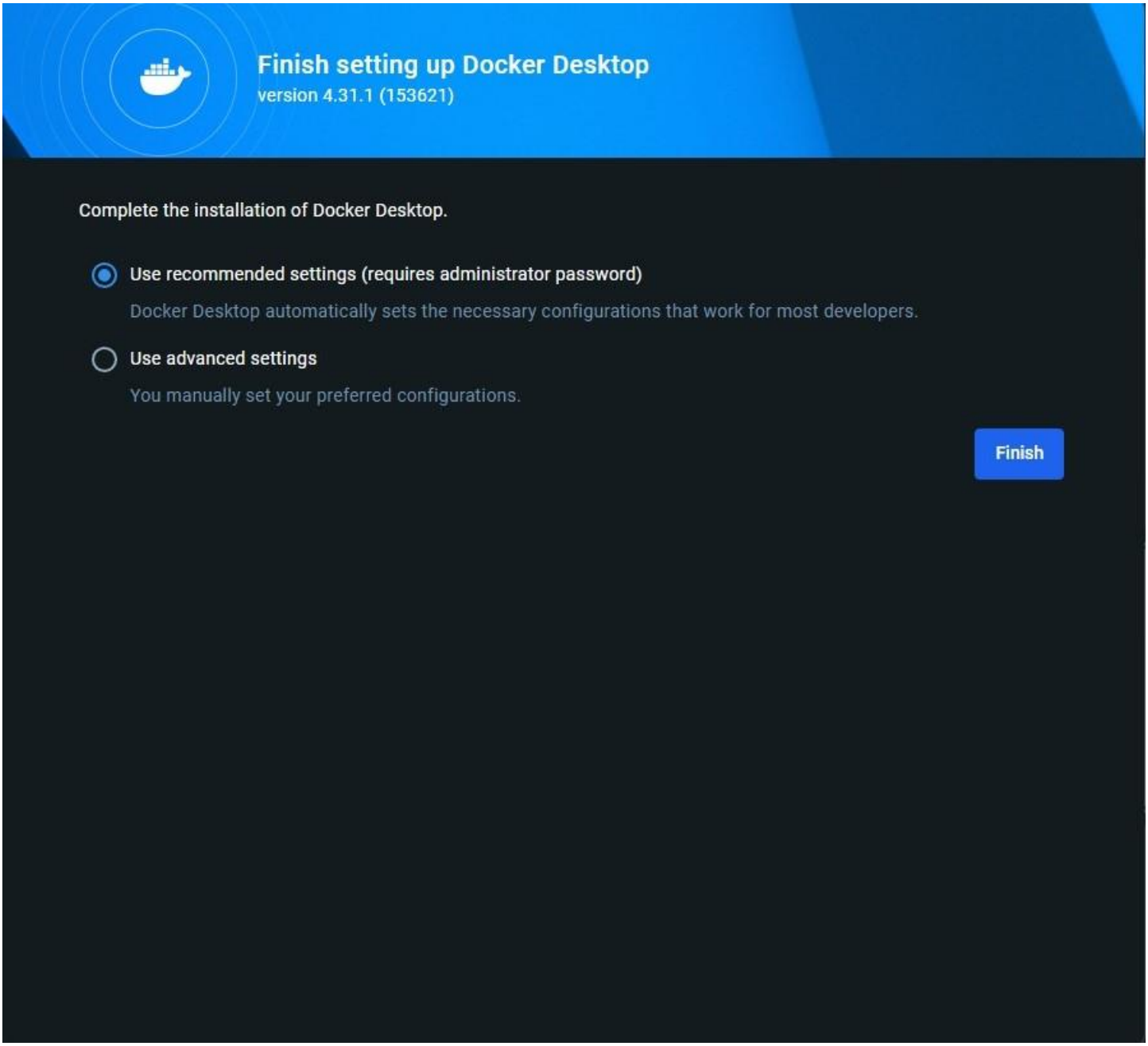
By selecting **accept**, you agree to the Subscription Service Agreement, the Docker Data Processing Agreement, and the Data Privacy Policy.

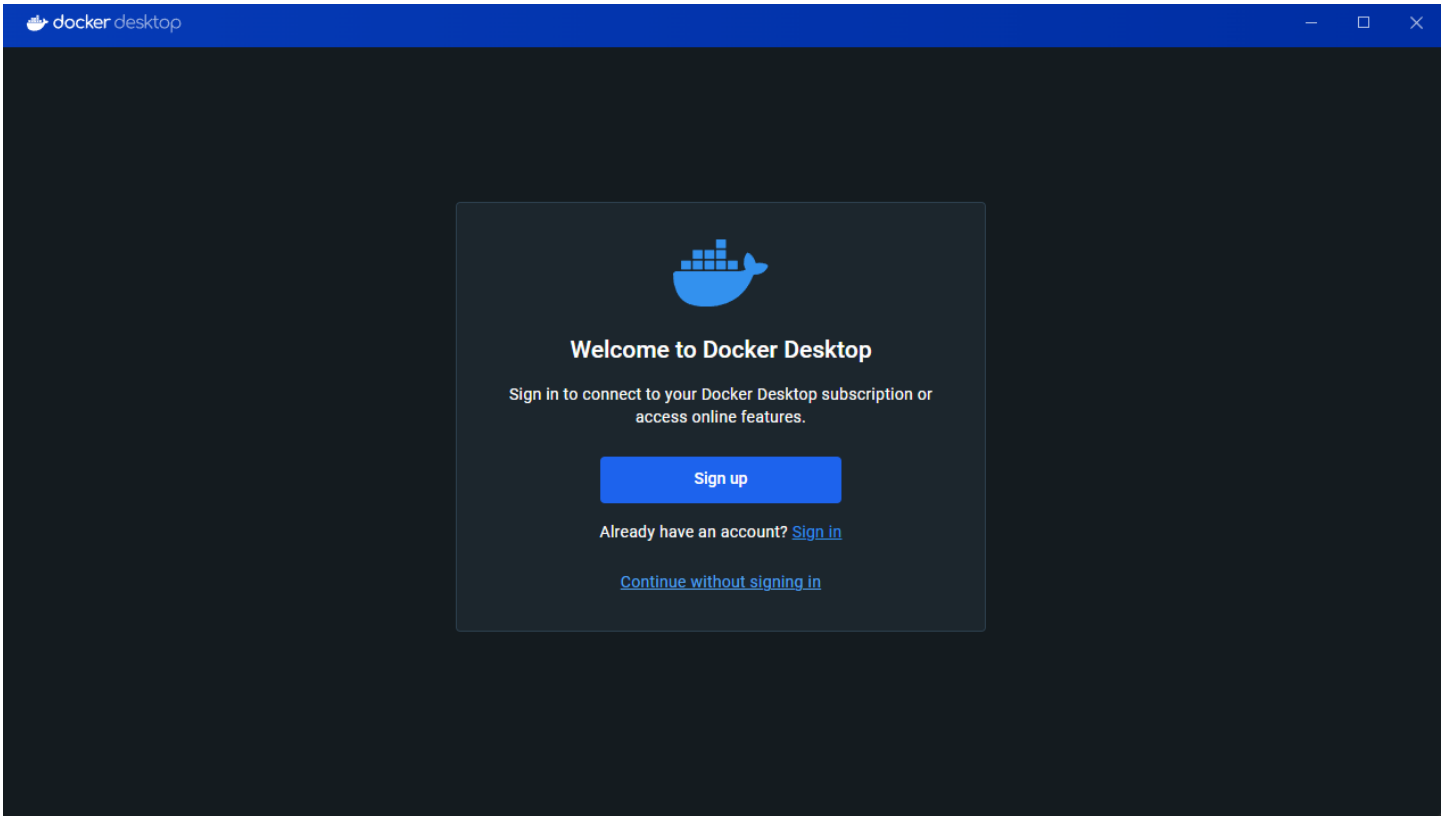
Commercial use of Docker Desktop at a company of more than 250 employees OR more than $10 million in annual revenue requires a paid subscription (Pro, Team, or Business). See subscription details

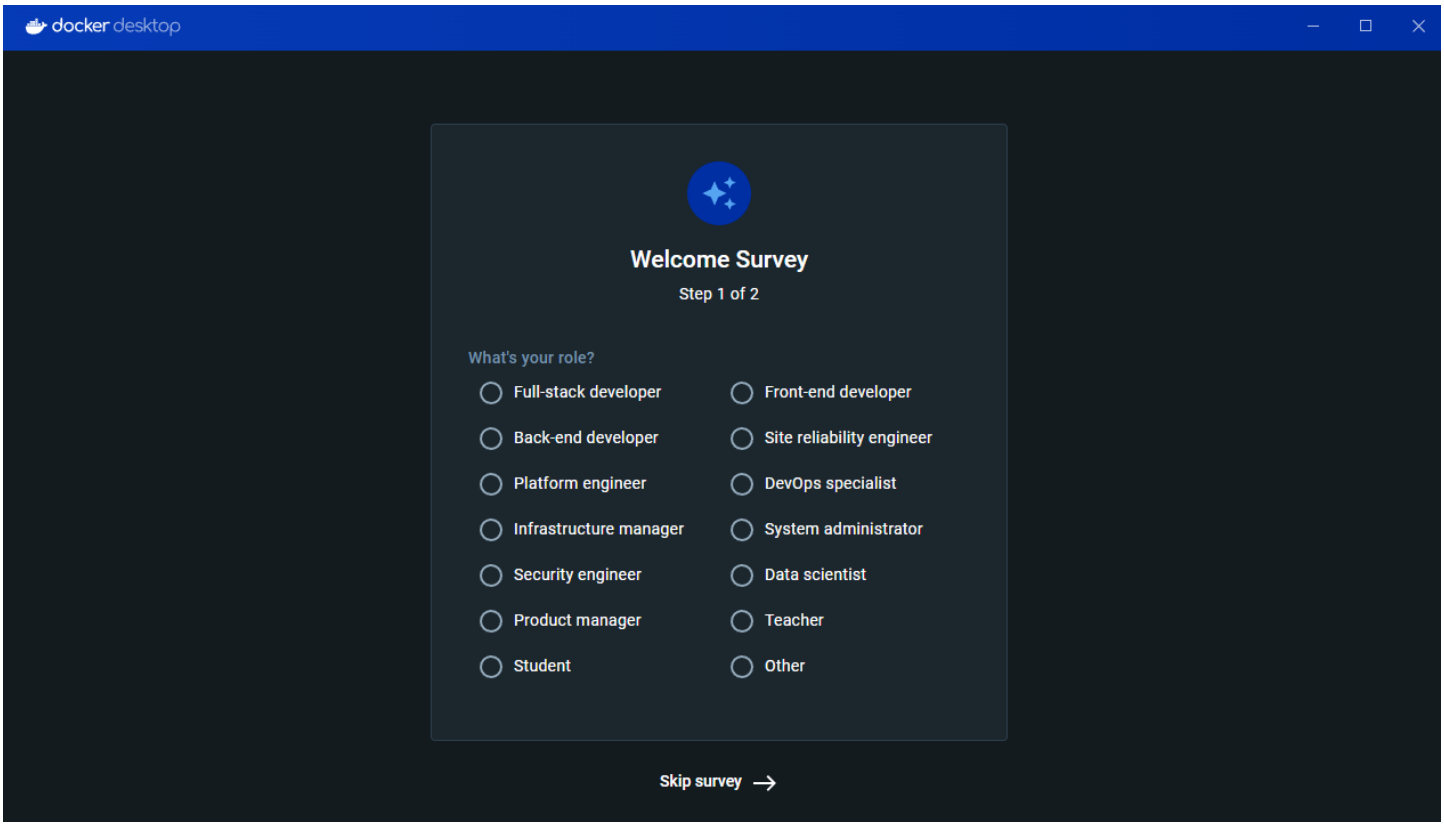
View Full Terms

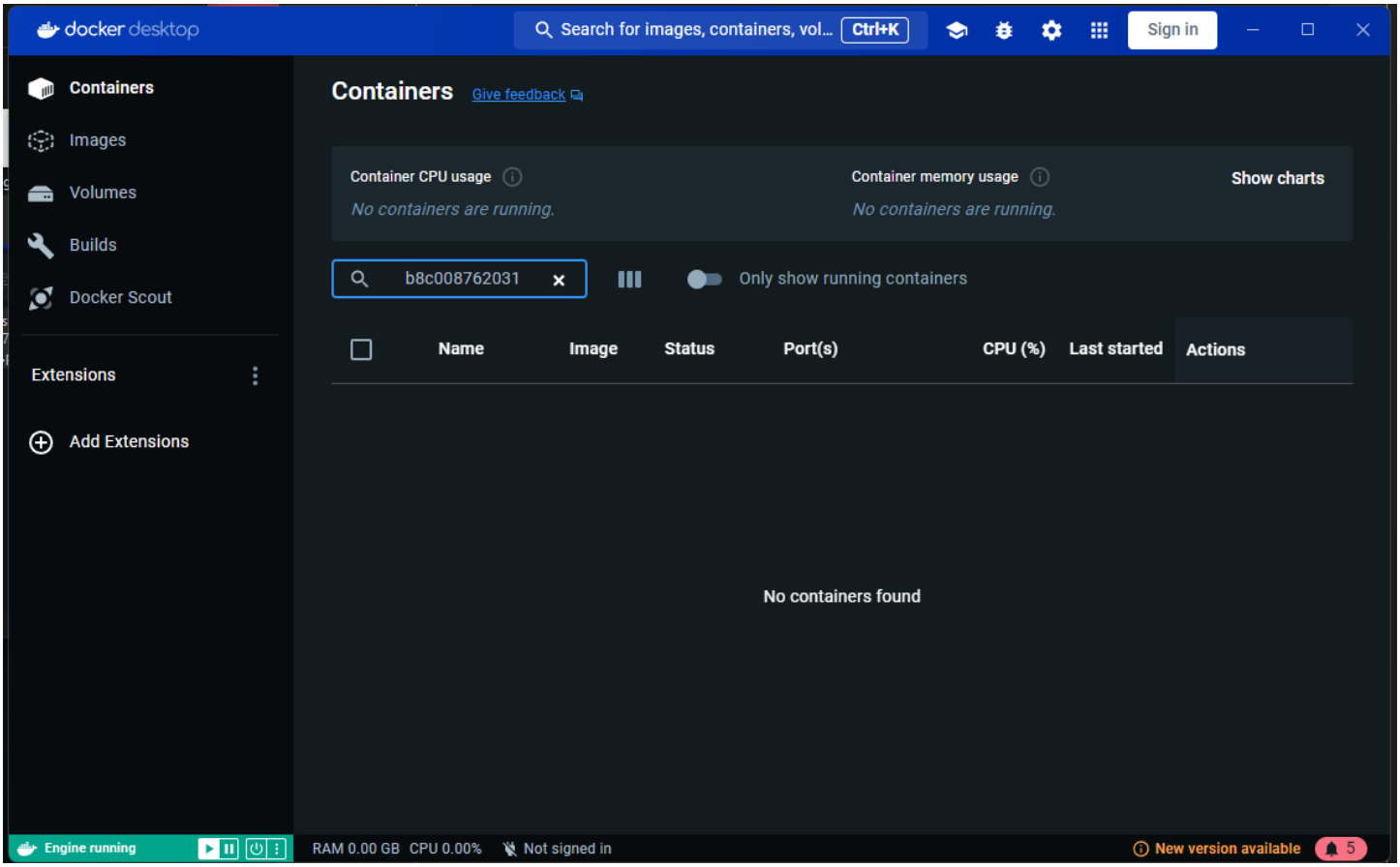
Accept

Close


Finish setting up Docker Desktop
version 4.31.1 (153621)
Complete the installation of Docker Desktop.
Use recommended settings (requires administrator password)
Docker Desktop automatically sets the necessary configurations that work for most developers.
Use advanced settings
You manually set your preferred configurations.
Finish


docker desktop
Welcome to Docker Desktop
Sign in to connect to your Docker Desktop subscription or access online features.
Sign up
Already have an account? Sign in
Continue without signing in


docker desktop
Welcome Survey
Step 1 of 2
What's your role?
Full-stack developer
Front-end developer
Back-end developer
Site reliability engineer
Platform engineer
DevOps specialist
Infrastructure manager
System administrator
Security engineer
Data scientist
Product manager
Teacher
Student
Other
Skip survey

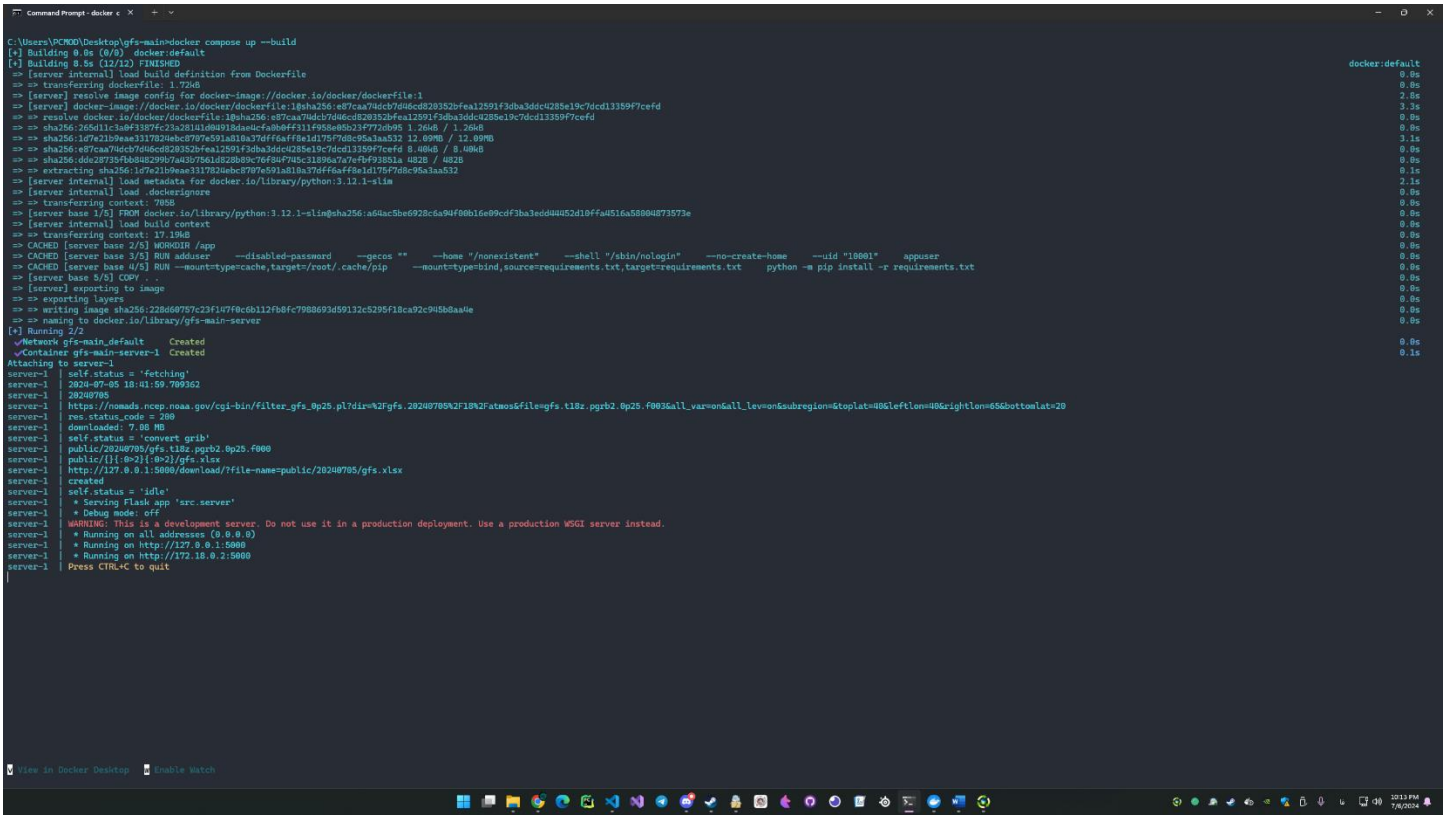

docker desktop
Search for images, containers, vol... Ctrl+K
Sign in
Containers
Images
Volumes
Builds
Docker Scout
Extensions
Add Extensions
Containers
Give feedback
Container CPU usage
No containers are running.
Container memory usage
No containers are running.
Show charts
b8c008762031
Only show running containers
Name
Image
Status
Port(s)
CPU (%)
Last started
Actions
No containers found
Engine running
RAM 0.00 GB CPU 0.00%
Not signed in
New version available
5

2. ساخت کانتینر مربوط به برنامه

- سپس در مسیر اصلی برنامه یک ترمینال باز کرده و دستور زیر را در آن اجرا میکنیم.

docker compose up --build

- در نهایت خروجی زیر در ترمینال نمایش داده میشود:



- به یاد داشته باشید که حتما دی ان اس 403.online بر روی نتورک سیستم تان فعال باشد.

دی ان اس های 403 به شرح زیر میباشند:

10.202.10.202
10.202.10.102

3. دریافت اطلاعات.

- برای آپدیت کردن اطلاعات ذخیره شده روی سرور باید یک http request با متد GET به api داخلی http://127.0.0.1:5000/update/ ارسال شود.

- برای دریافت اطلاعات هواشناسی از طریق ریکوعست به api ی

```
"http://127.0.0.1:5000/download/?file-
name=public/{}{:0>2}{:0>2}/gfs.xlsx".format(
            self.date_instance.year,
            self.date_instance.month,
            self.date_instance.day
            )
```

درصورت وجود دریافت میشوند.