

TI Skynet: Domain Configuration Guide

Task: Change the url from the IP:port to the custom <https://skynet.tsongas.space/>

Step 1) Configure Domain Name (which was already done for us!)

To check, we used the command below

```
[root@mufassa:/home/a0194920/TI-E2E-AI# nslookup skynet.tsongas.space
Server:      127.0.0.53
Address:     127.0.0.53#53

Non-authoritative answer:
Name:   skynet.tsongas.space
Address: 108.85.14.130
```

Step 2) Check Nginx Proxy Manager

We checked that the Nginx Proxy Manager was already configured and running

```
root@mufassa:/home/a0194920/TI-E2E-AI# docker ps | grep nginx
999d2574022f jc21/nginx-proxy-manager:latest      "/init"
          6 months ago   Up 7 days      0.0.0.0:80-81-
>80-81/tcp, ::::80-81->80-81/tcp, 0.0.0.0:443->443/tcp, ::::443->4
43/tcp      nginx-proxy-manager
root@mufassa:/home/a0194920/TI-E2E-AI#
```

Step 3) Connect Nginx to the Application Network

Then, we connected the nginx-proxy-manager container to the same Docker network as open-webui so they could communicate using this command:

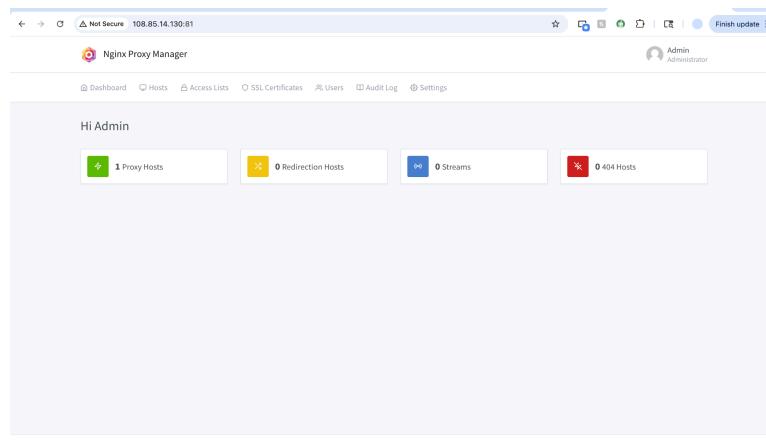
```
docker network connect ti-e2e-ai_n8n-net nginx-proxy-manager
```

Note: This step is only needed if containers are rebuilt or network configurations change (such as after a router restart). Else, you may get a “502 Bad Gateway” error

Step 4) Add Proxy Host Configuration

We used <http://108.85.14.130:81> to access the UI.

Log in with the credentials to get to this homepage



* Originally, there were 0 proxy hosts

When there was NO proxy, we pressed “Add Proxy Host” and used these settings

The screenshot shows the Nginx Proxy Manager interface. At the top, there's a header bar with a back arrow, forward arrow, refresh icon, and the URL "Not Secure 108.85.14.130:81/nginx/proxy". To the right are icons for star, file, user, search, and more, along with a "Finish update" button. Below the header is the "Nginx Proxy Manager" logo and a user profile for "Admin Administrator". A navigation menu includes "Dashboard", "Hosts", "Access Lists", "SSL Certificates", "Users", "Audit Log", and "Settings". The main area is titled "Proxy Hosts" and lists one host entry:

SOURCE	DESTINATION	SSL	ACCESS	STATUS
skynet.tsongas.space Created: 28th October 2025	http://open-webui-ti-e2e:8080	Let's Encrypt	Public	Online

Below this are two large popups:

- Edit Proxy Host**: Shows fields for "Domain Names" (skynet.tsongas.space), "Scheme" (http), "Forward Hostname / IP" (open-webui-ti-e2e), "Forward Port" (8080), and various checkboxes for "Cache Assets", "Websockets Support", and security features like "Block Common Exploits". It also has an "Access List" section with "Publicly Accessible". Buttons at the bottom are "Cancel" and "Save".
- New Proxy Host**: Shows fields for "SSL Certificate" (with options to "Request a new SSL Certificate", "Force SSL", "HTTP/2 Support", "HSTS Enabled", "HSTS Subdomains", and "Use a DNS Challenge"), "Email Address for Let's Encrypt" (admin@example.com), and a checkbox for "I Agree to the Let's Encrypt Terms of Service". Buttons at the bottom are "Cancel" and "Save".

Forward Hostname/IP: open-webui-ti-e2e (Docker container name)

Forward Port: 8080 (internal container port, NOT the external 3000)

Step 5) Update SSL Certificate (looking at the image above)

In the Proxy Host settings popup, navigate over to the SSL tab and select “Request a new SSL Certificate” from the dropdown. Then, click save.

And YAY, it started working!

You can still go into the <http://108.85.14.130:81/nginx/proxy> to make edits, check certificates, or request new ones when needed.