

Installation

Requirement

- 1 linux server
- docker-compose installed on the server
- cloudflare account
- a reverse proxy (nginx here)
- a domain name

Stack deployment

Login to your server (or here portainer) and deploy the stack for **ntfy** with the [docker-compose file](#) given

Stack details

Stack

Editor

This stack will be deployed using `docker compose`.

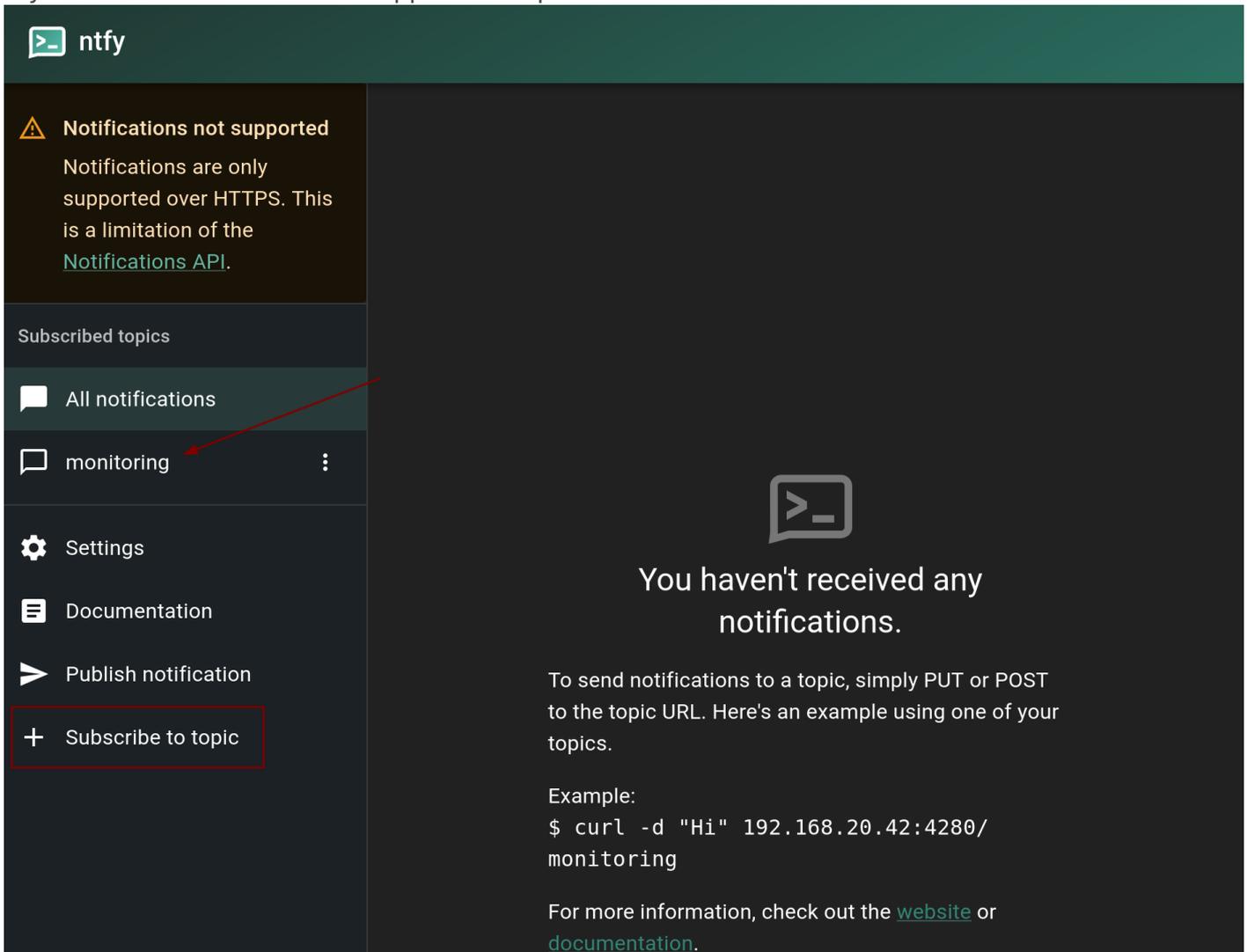
You can get more information about Compose file format in the [official documentation](#).

🕒 Define or paste the content of your docker compose file here

```
1  version: '3'
2  services:
3    ntfy:
4      image: binwiederhier/ntfy
5      restart: unless-stopped
6      environment:
7        NTFY_BASE_URL: https://your-domain
8        NTFY_BEHIND_PROXY: true
9        NTFY_ATTACHMENT_CACHE_DIR: /var/lib/ntfy/attachments
10       NTFY_CACHE_FILE: /var/lib/ntfy/cache.db
11       NTFY_UPSTREAM_BASE_URL: https://ntfy.sh
12     volumes:
13       - ./:/var/lib/ntfy
14     ports:
15       - 4280:80
16     command: serve
```

then use your internet browser to connect to the **ntfy** instance `http://ip:port`

when you are on the GUI click on **Subscribe to topic** to create a new one or join an existing one. If you create a new one it will appear on top under **All notifications**.

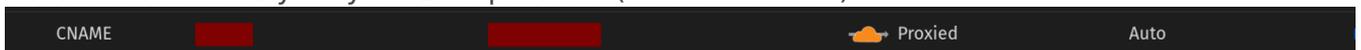


The screenshot shows the ntfy web interface. The sidebar on the left contains the following items: a warning icon with the text "Notifications not supported" and a sub-message "Notifications are only supported over HTTPS. This is a limitation of the Notifications API."; "Subscribed topics"; "All notifications" (highlighted with a red arrow); "monitoring" (with a red arrow pointing to it); "Settings"; "Documentation"; "Publish notification"; and "Subscribe to topic" (highlighted with a red box). The main content area displays a large message: "You haven't received any notifications." Below this, it explains that notifications are sent via PUT or POST to a topic URL and provides an example command: `$ curl -d "Hi" 192.168.20.42:4280/monitoring`. It also includes a link to the website or documentation for more information.

Wide access

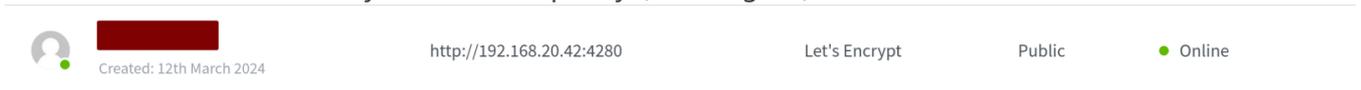
To make it work every where you know need to link it with your domain:

- First create an entry on your DNS provider (here cloudflare)



The screenshot shows a DNS record configuration in Cloudflare. The record type is CNAME, the target is a redacted domain, and the proxy status is "Proxied". The record is set to "Auto" and is currently "Online".

- After that add the link to your reverse proxy (here nginx)



The screenshot shows a reverse proxy configuration in Nginx. The record type is CNAME, the target is a redacted domain, and the proxy status is "Proxied". The record is set to "Auto" and is currently "Online".

Send push notification

To send notification that very simple you can test it by running the command `curl -d "message" https://your-domain.io/<topic>`

It can be combine with other command too like that `result=$(nmap -S ip) | curl -d $result https://your-domain.io/<topic>`

Revision #3

Created 13 March 2024 11:24:38 by Makito

Updated 13 March 2024 16:47:42 by Makito