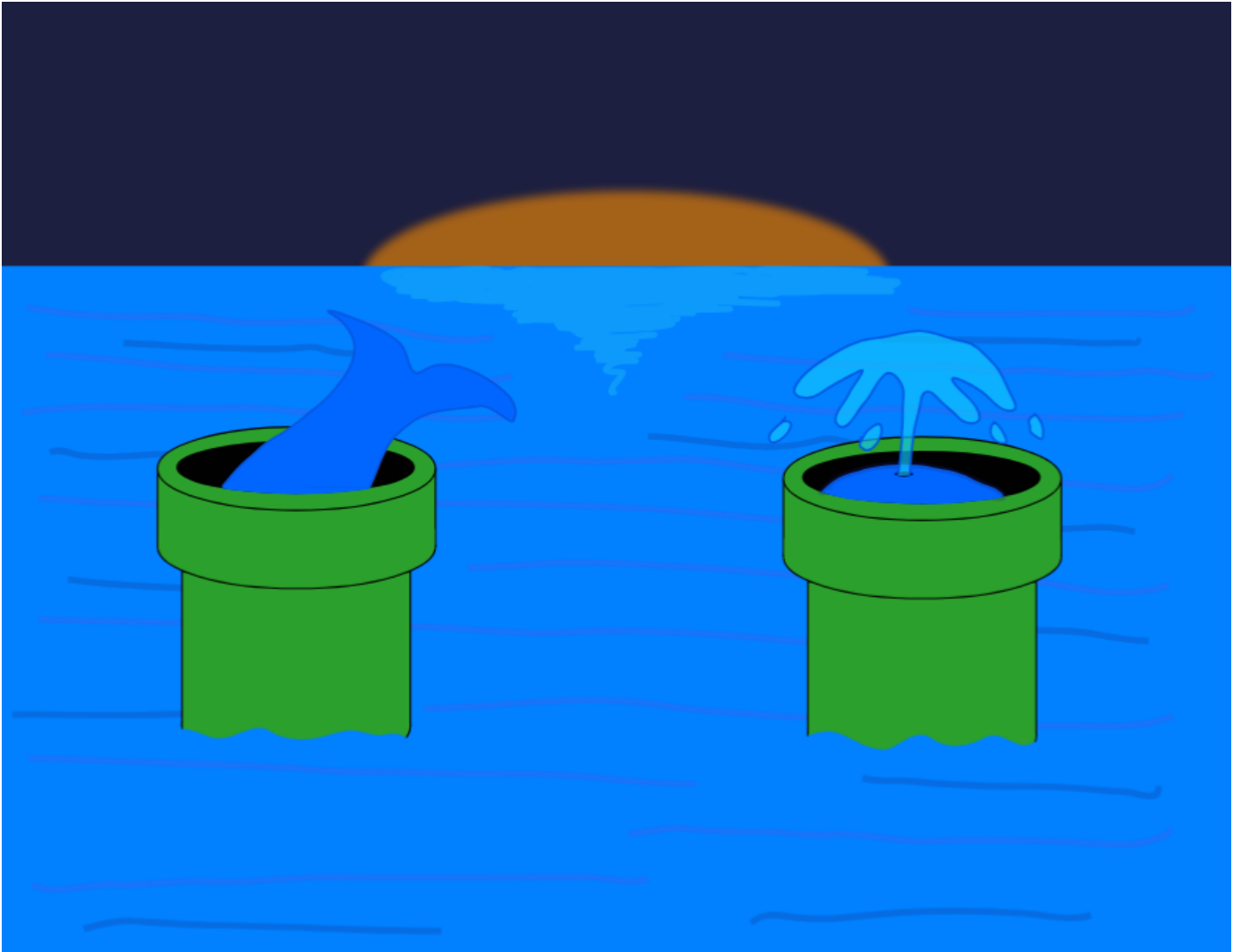


# Gluetun •

VPN pass-through service for Docker that can maintain privacy and anonymity for individual containers.

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# Overview



Gluetun is a service that connects to your VPN and acts as a pass-through for your other containers. There is no graphical interface for this service and once configured it will not need to be interacted with.

- Proven compatible with 25 virtual private network service providers
- Works with the OpenVPN and WireGuard protocols for VPN connection
- When the VPN is disconnected, containers will be unable to access the internet.

# Setup & Configuration

We need to install the service through Portainer and configure any necessary settings.

# Preparation

There are some things we need to do in preparation to install this service.

## Environment

### VPN\_SERVICE\_PROVIDER

Gluetun currently supports:

- AirVPN
- CyberGhost
- ExpressVPN
- FastestVPN
- HideMyAss
- IPVanish
- iVPN
- Mullvad
- NordVPN
- Perfect Privacy
- Privado
- Private Internet Access
- PrivateVPN
- ProtonVPN
- PureVPN
- SlickVPN
- Surfshark
- Torguard
- VPN Secure
- VPN Unlimited
- VyprVPN
- WeVPN
- Windscribe

You can learn more about how to configure each of these service providers by [reading the appropriate files on their repository](#).

*For example: windscribe*

## VPN\_TYPE

This is the method for connecting to the VPN service and can be configured to use OpenVPN or Wireguard.

*For example: openvpn*

## OPENVPN\_USER

This is provided by your VPN service provider for connecting to the service.

This may be your account password, or one generated by your provider enabling you to connect through OpenVPN. You can find out more information by [reading the appropriate file in their documentation](#).

## SERVER\_REGIONS

This is geographical region that the service will connect to and can be found by [following the guide in the Glueton documentation](#).

# Passwords

Keep these securely stored in a password manager, such as [VaultWarden](#).

## OPENVPN\_PASSWORD

This is provided by your VPN service provider for connecting to the service.

This could be your account password, or a password created by your VPN provider to connect through OpenVPN.

## Ports

Glueton acts as a VPN client for your Docker containers and service ports need to be configured through it.

# Installation

The service can be installed through the Portainer web interface.

Learn about [creating a new stack](#).

## Docker Compose

Use the following code to install the service and a qBittorrent server as an example:

```
---
services:
  gluetun:
    image: qmcgaw/gluetun
    restart: unless-stopped
    cap_add:
      - NET_ADMIN
    environment:
      - VPN_SERVICE_PROVIDER=
      - VPN_TYPE=
      - OPENVPN_USER=
      - OPENVPN_PASSWORD=
      - SERVER_REGIONS=
    ports:
      # Connected Application Ports
      # Example qBittorrent
      - "0.0.0.0:9191:9191"
      - "0.0.0.0:6881:6881

  qbittorrent:
    image: lscr.io/linuxserver/qbittorrent:latest
    container_name: qbittorrent
```

network\_mode: "service:glueton"

environment:

- PUID=1000
- PGID=1000
- TZ=America/Vancouver
- WEBUI\_PORT=9191
- TORRENTING\_PORT=6881

volumes:

# Persistent Data

- /srv/qbittorrent:/config

# Download Folders

- /mnt/downloads:/downloads/

restart: unless-stopped



# Updating

## Re-Deploy the Stack

This service has been optimized for running in Docker.

This allows you to re-deploy the stack through Portainer to download the latest updates.

# User Manual

# Development

This software is released under the [MIT license](#).

You can learn more about how to contribute to Gluetun through their [documentation](#).

The developer also accepts [sponsorships](#).

# Resources

## Official

- [Official Documentation](#)
- [Official Forum](#)
- [Official GitHub Repository](#)
- [Installation Guide](#)
- [Frequently Asked Questions](#)
- [General Troubleshooting](#)