

Quick Reference Guide

Zoraxy - SSL Reverse Proxy

Let's Encrypt HTTPS in 10 minutes

Mars 2026

Table of Contents

1. Why a reverse proxy?
2. Prerequisites
3. Deploy Zoraxy with Docker
4. Cloudflare DNS configuration
5. Add a proxy rule
6. Enable HTTPS Let's Encrypt
7. Cloudflare DNS challenge
8. Secure admin interface
9. Maintenance and updates

1. Why a Reverse Proxy?

- Single port 443 for all services
- Automatic free Let's Encrypt SSL certificates
- Simple web interface - no manual config
- Lightweight alternative to Nginx Proxy Manager

2. Prerequisites

- Docker and Docker Compose installed
- Domain with Cloudflare DNS (recommended)
- Ports 80 and 443 open in firewall/router
- Static public IP or DDNS (DuckDNS)

3. Deploy Zoraxy

```
mkdir -p ~/docker/zoraxy && cd ~/docker/zoraxy

cat > docker-compose.yml << 'EOF'
version: '3.8'
services:
  zoraxy:
    image: tobychui/zoraxy:latest
    container_name: zoraxy
    restart: unless-stopped
    ports:
      - "80:80"
      - "443:443"
      - "8443:8443" # Admin interface (generic port)
    volumes:
      - ./data:/opt/zoraxy/data
    environment:
      - NOAUTH=false
    cap_add:
      - NET_ADMIN
EOF

docker compose up -d
docker logs -f zoraxy
```

Access interface: <https://your-ip:8443>

4. Cloudflare DNS

```
# Cloudflare > DNS > Records > Add record:  
# Type: A  
# Name: my-service  
# Content: your-public-IP  
# Proxy: Proxied (orange)  
# TTL: Auto
```

5. Proxy Rule

- Proxy Rules > Create Proxy Rule
- Matching Hostname: my-service.domain.com
- Target: http://server-IP:PORT
- Enable WebSocket if needed
- Save

6. Let's Encrypt HTTPS

- Click SSL Certificate for the domain
- Provider: Let's Encrypt
- Email: your-email@example.com
- Click Get Certificate
- Automatic renewal managed by Zoraxy

```
# Verify certificate:  
curl -I https://my-service.domain.com
```

7. Cloudflare DNS Challenge

```
# If Cloudflare proxy active (orange), use DNS challenge:  
# SSL > Certificate > Provider: Let's Encrypt DNS  
# Provider: Cloudflare  
# API Token: your-cloudflare-zone-dns-edit-token  
# (Create in Cloudflare > My Profile > API Tokens)
```

8. Admin Interface Security

- Do not expose admin interface publicly
- Access only via VPN or local network
- Strong password required
- Change default admin port

9. Maintenance

```
cd ~/docker/zoraxy
docker compose pull && docker compose up -d
docker logs --tail 50 zoraxy
tar czf zoraxy-backup-$(date +%Y%m%d).tar.gz ./data/
```

Full article: botum.ca/zoraxy-reverse-proxy-ssl-setup/

Website: www.botum.ca -

- Canada