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# Secure External Access to Nextcloud (Method 1 — Cloudflare Tunnel)
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Overview

This guide explains how to securely access Nextcloud from outside your home network using Cloudflare Tunnel. No port forwarding is required.

Requirements

- Cloudflare account (free)
- A domain name
- Raspberry Pi with Nextcloud installed

Steps

1. Create Cloudflare Account

Go to <https://dash.cloudflare.com> and register.

2. Add Domain to Cloudflare

Update your domain's nameservers to Cloudflare's.

3. Install Cloudflare Tunnel

```

```
curl -fsSL
```

```
https://github.com/cloudflare/cloudflared/releases/latest/download/cloudflared-linux-arm64.deb -o
```

```
cloudflared.deb
```

```
sudo dpkg -i cloudflared.deb
```

```
sudo cloudflared service install
```

```

4. Authenticate

```

```
cloudflared tunnel login
```

```

5. Create Tunnel

```

```
cloudflared tunnel create nextcloud-pi
```

```

6. Route Public Hostname

Example:

```

```
cloudflared tunnel route dns nextcloud-pi cloud.mydomain.com
```

```

7. Configure Tunnel

Edit `/etc/cloudflared/config.yml`:

```

```
tunnel: nextcloud-pi
```

```
credentials-file: /root/.cloudflared/.json
```

```
ingress:
```

```
- hostname: cloud.mydomain.com
```

```
service: http://127.0.0.1:80
```

```
- service: http_status:404
```

```

8. Start Tunnel

```
```
sudo systemctl start cloudflared
sudo systemctl enable cloudflared
```
```

9. Add Trusted Domain

Edit `config.php`:

```
```
2 => 'cloud.mydomain.com',
```
```

Nextcloud is now securely accessible anywhere.