

📄📄 Cloudflare Tunnel 📄mac mini📄📄📄📄📄📄📄📄

by Perplexity

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1. 📄📄 cloudflared

```
# 📄📄 Homebrew 📄📄📄📄📄📄 Xcode CLT📄  
xcode-select --install  
brew install cloudflare/cloudflare/cloudflared
```

```
# 📄📄📄📄📄📄  
shasum -a 256 $(which cloudflared) | grep 3d9d9a... # 📄📄📄📄📄📄
```

2. 📄📄📄📄

```
cloudflared tunnel login  
• 📄📄📄📄📄📄📄 Cloudflare 📄📄  
• 📄📄📄📄📄📄 example.com📄  
• 📄📄📄📄📄 cert.pem 📄📄 ~/.cloudflared/
```

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1. 📄📄📄📄📄📄

```
cloudflared tunnel create macmini-tunnel  
📄📄📄📄  
Tunnel credentials written to /Users/xxx/.cloudflared/xxxxxxxx-xxxx-xxxx-xxxx-xxxx  
Tunnel UUID: xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx
```

2. 📄📄📄📄📄

```
nano ~/.cloudflared/config.yml  
📄📄📄📄📄  
tunnel: xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx  
credentials-file: /Users/xxx/.cloudflared/xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx  
ingress:  
- hostname: ssh.example.com  
service: ssh://localhost:22  
originRequest:  
connectTimeout: 30s  
tlsTimeout: 10s  
- hostname: web.example.com  
service: http://localhost:8080  
originRequest:  
httpHostHeader: web.example.com  
disableChunkedEncoding: true  
- service: http_status:404
```

DNS 📄📄📄📄📄

1. CNAME 📄📄📄

```
cloudflared tunnel route dns macmini-tunnel ssh.example.com  
📄📄📄 Cloudflare 📄📄📄📄📄
```

Type	Name	Target	Proxy
CNAME	ssh	xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx.cfargotunnel.com	Proxied

2. 📄📄📄📄

```
cloudflared tunnel route dns macmini-tunnel "*.apps.example.com"  
📄📄📄📄📄📄📄 Ingress 📄📄  
.
```

```
ingress:
- hostname: "{{sub}}.apps.example.com"
service: http://localhost:{{sub_port}}
```

安装 Cloudflare

1. 安装 Cloudflare

```
sudo cloudflared service install --legacy
cloudflared
/Library/LaunchDaemons/com.cloudflare.cloudflared.plist
```

2. 查看日志

```
# 查看 Cloudflare 日志
tail -f /Library/Logs/com.cloudflare.cloudflared.err.log
```

JSON 格式输出

```
log show --predicate 'process == "cloudflared"' --info --debug --last 1h
```

配置 Cloudflare

1. Zero Trust 配置

```
cloudflared access policy create \
--name dev-team \
--applications ssh.example.com \
--decision allow \
--include any(emails.split('@')[1] == 'company.com')
```

2. 配置 mTLS

```
ingress:
- hostname: db.example.com
service: postgres://localhost:5432
originRequest:
mTLS:
cert: /path/to/client.crt
key: /path/to/client.key
```

使用 Cloudflare

1. QUIC 配置

```
ingress:
- service: ssh://localhost:22
originRequest:
http2Origin: false
http3: true
```

2. 运行 Cloudflare

```
cloudflared tunnel --region hkg run macmini-tunnel
cloudflared tunnel hkg (hkg) nrt (nrt) syd (syd)
```

测试 Cloudflare

1. 测试 Cloudflare

```
# 测试 Cloudflare
cloudflared tunnel info macmini-tunnel
```

测试 Cloudflare

```
cloudflared tunnel test-http-override ssh.example.com
```

2. 测试 Cloudflare

```
mtr --tcp --port 7844 xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxx.cfargotunnel.com
```

□□□□□□□□

1. □□ cloudflared tunnel list □□□□□□□□ ACTIVE
2. □□□□□□□□□□sudo launchctl list | grep cloudflare
3. □□ dig +short ssh.example.com □□ DNS □□□□□□ .cfargotunnel.com

□□ ERR_CONNECTION_REFUSED □□□□□□□□□□□□□□ localhost □□ 127.0.0.1□
MacOS □□□□ 0.0.0.0

□□

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Newer

Older

12th March 2025



28th February 2025

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