

Mozilla TRR



You

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FAQ

- **Why do we want more DoH?**

- Because we want more ECH (TLS Encrypted Client Hello)

- **Why do we need DoH for ECH?**

- Because we need to acquire the keys for ECH over a trusted & encrypted DNS transport

- **But I don't like DoH**

- So disable it (easy, e.g., enterprise policies)
- But accept you'll be bleeding cleartext SNIs all over the net

We want to do DoH with you

- Mozilla Trusted Recursive Resolver Program for DoH
- **Trusted partners that we use for DoH in a region or network**
 - Current contracts
 - US → Cloudflare (Unless on Comcast network, then → Comcast)
 - Canada → CIRA (Unless on Shaw network, then → Shaw)
 - Russia, Ukraine → Cloudflare
- System resolver used everywhere else
- **Goal: Find TRR partners for other regions**

What *other regions?*

DT (DE)

Orange (FR)

Vodafone (DE)

Jio (IN)

Free (FR)

Airtel (IN)

SFR (FR)

China Telecom (CN)

PT Telkom (ID)

Bouygues (FR)

1&1 (DE)

O2 (DE)

Mobile CC (IR)

MTN (IR)

China Mobile (CN)

Telmex (MX)

Vivo (BR)

Telkomsel (ID)

Telefonica (ES)

Claro NET (BR)

Play (PL)

BT (GB)

Telecom Egypt (EG)

BSNL (IN)

China Unicom (CN)

Virgin Media (GB)

Orange (PL)

TIM (IT)

NTT (JP)

Wind Tre (IT)

Mozilla **T**rusted **R**ecursive **R**esolver Program for DNS-over-HTTPS (DoH)

⬆ **Performance**

~Do53
Min. idle time
Dual-stack

🔍 **Transparency**

Privacy notice
Transparency report

🔒 **Privacy**

24h storage for ops reasons
Aggregation must strip PII
No selling/sharing of data

🌐 **Blocking**

Only filter as required by law
Public blocklist (or reporting)



<https://wiki.mozilla.org/Security/DOH-resolver-policy> ⓘ

Thank you



DoH

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