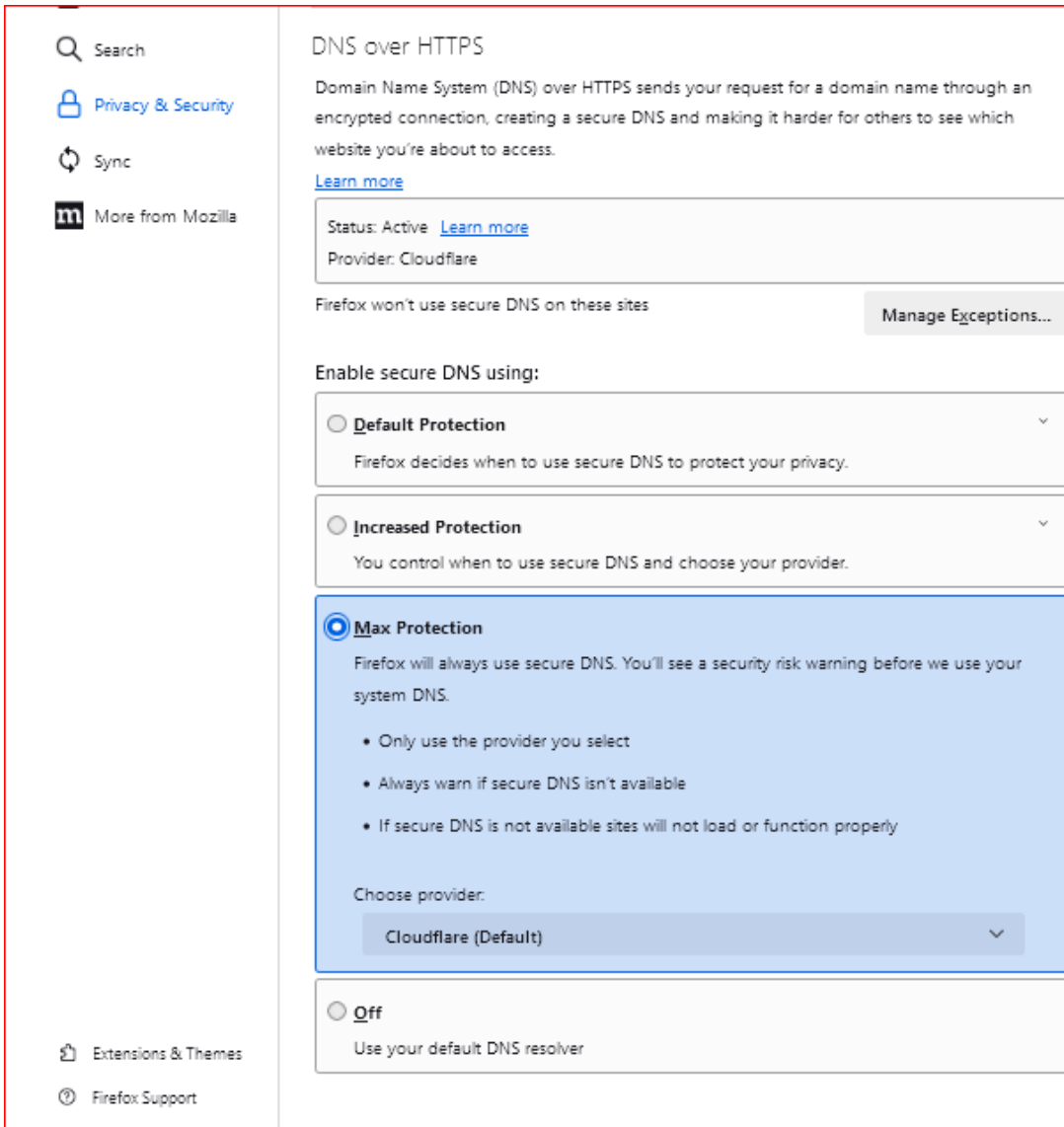


Settings in FF 118.0.1



The screenshot shows the Firefox settings page for DNS over HTTPS. The left sidebar contains navigation links: Search, Privacy & Security, Sync, More from Mozilla, Extensions & Themes, and Firefox Support. The main content area is titled "DNS over HTTPS" and includes a description: "Domain Name System (DNS) over HTTPS sends your request for a domain name through an encrypted connection, creating a secure DNS and making it harder for others to see which website you're about to access." Below this is a "Learn more" link. A status box shows "Status: Active" with a "Learn more" link and "Provider: Cloudflare". A note states "Firefox won't use secure DNS on these sites" with a "Manage Exceptions..." button. The "Enable secure DNS using:" section has three radio button options: "Default Protection" (Firefox decides when to use secure DNS to protect your privacy.), "Increased Protection" (You control when to use secure DNS and choose your provider.), and "Max Protection" (selected, Firefox will always use secure DNS. You'll see a security risk warning before we use your system DNS. It includes a list of features: "Only use the provider you select", "Always warn if secure DNS isn't available", and "If secure DNS is not available sites will not load or function properly". Below this is a "Choose provider:" dropdown menu with "Cloudflare (Default)" selected. The "Off" option (Use your default DNS resolver) is also visible.

from https://www.reddit.com/r/privacy/comments/13canhc/a_guide_on_how_you_can_enable_ech_and_http3_in/

`network.dns.echconfig.enabled True` -- as it should be

`network.dns.http3_echconfig.enabled True` -- as it should be (note the correction in red)

`network.trr.mode 3` -- as it should be

results of <https://www.cloudflare.com/ssl/encrypted-sni/> all 4 columns are checked (last column says "Secure SNI")

results of <https://cloudflare-quic.com/> verifies that I have http/3 & QUIC

Does my browser support
HTTP/3 & QUIC?

When loading this page from Cloudflare's edge network, your browser used HTTP/3.

`network.http.http3.version_negotiation.enabled False` but the reddit article says to leave it as it, if you have no trouble connecting to sites.

from https://www.reddit.com/r/firefox/comments/xszzae/encrypted_client_hello_doesnt_seem_to_work/

“the other test” at <https://defo.ie/ech-check.php> says SSL_ECH_STATUS: success ✓

from <https://groups.google.com/a/mozilla.org/g/dev-platform/c/uv7PNrHUagA/m/BNA4G8fOAAAJ>

network.dns.echconfig.enabled True -- as it should be
network.dns.http3_echconfig.enabled True -- as it should be
network.dns.force_waiting_https_rr True -- as it should be
security.tls.ech.grease_probability 100 -- as it should be
security.tls.ech.grease_http3 True -- as it should be

at <https://tls-ech.dev/> You are using ECH. :)

from <https://www.ghacks.net/2019/04/29/check-if-your-browser-uses-secure-dns-dnssec-tls-1-3-and-encrypted-sni/>

network.dns.echconfig.enabled True -- as it should be
network.trr.uri blank (no Mozilla URL is present) although
I checked ***doh-rollout.uri*** and it is <https://mozilla.cloudflare-dns.com/dns-query>, so it looks like the
Mozilla URL is set there, and therefore I am leaving ***network.trr.uri blank***
I don't think there's a reason to change the blank in ***network.trr.uri***, because the two test sites at
<https://defo.ie/ech-check.php> and <https://tls-ech.dev/> both say my FF 118.0.1 is using ECH