

KNOWLEDGE BASE · PUBLIC DOCUMENT

How long DNS changes take to propagate

Domains & DNS

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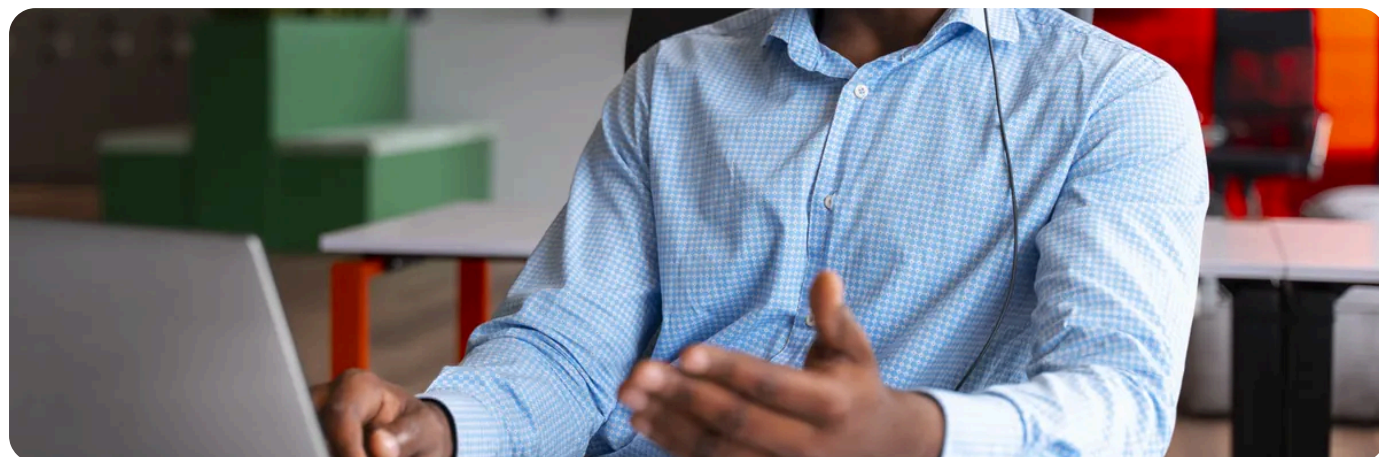
MozOut Mozambique

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How long DNS changes take to propagate

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You changed the nameservers or a DNS record and nothing happened yet. That's normal - DNS changes are not instant.

How long it takes

- 1 It depends on the TTL of the record that changed: each resolver keeps the old answer until its TTL runs out, then asks again.
- 2 Some networks keep answers for longer than the TTL says, so a few visitors may see the old version for a while longer. Lowering the TTL before a change shortens this.
- 3 **Nameserver changes** (pointing the domain to a different host) take longer than editing a single record.

Why some people already see the new site and others don't

Every network keeps a cached copy of the answer for a period defined by the **TTL** of the record. Until that copy expires, that network keeps showing the old answer. That's why the site may already work on your mobile data but not on your office Wi-Fi.

How to follow the propagation

- 1 Use a public checker such as dnschecker.org, which queries servers in several countries at once.
- 2 Or, from a terminal, query the record directly:

```
nslookup yourdomain.co.mz
nslookup -type=MX yourdomain.co.mz
```

3

Compare what you get with **the nameservers your hosting should be using**.



Speeding it up on your own device.

Restart the router, or flush the DNS cache (*ipconfig /flushdns* on Windows). This only fixes your machine - the rest of the internet still follows the TTL.



Still the same long after the old TTL has passed? Then it isn't propagation. Check the change was actually saved at the right place - nameservers are changed at the **registrar**

, records are changed in the **DNS zone**. See **how to configure a domain's DNS**.

NEED A HAND?

Long past the TTL and still not resolving? We'll check it with you.

 **Open a support ticket** →

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