

DNS

Computing

How a name becomes an address, and what each record type does.

The record types you will actually configure.

Record	Points to	Used for
A	IPv4 address	The main mapping
AAAA	IPv6 address	Same, for IPv6
CNAME	Another name	Aliases — never at the apex
MX	Mail server	Email routing
TXT	Free text	Verification, SPF, DKIM
NS	Name servers	Delegating a zone
CAA	Certificate authority	Who may issue certs

TTL controls caching. Lower it hours before a planned migration, or the old answer lingers as long as the old TTL.