

Defining DNS Records

TYPE

A, AAAA, CNAME, ALIAS, ANAME, TXT, MX

HOST

The root (@ or blank)
or subdomain (www, app, blog, etc)
where you want to place the record

VALUE

Can be an IP address (A, AAAA)
another domain (CNAME, ALIAS, ANAME, MX)
or arbitrary value (TXT)

PRIORITY

Only for MX records
you will be given what value and priority
to use by your email provider

TTL

Time to Live
How long to let record values be cached
Shorter = better for fast changing values
Longer = faster resolution time and less
traffic for your DNS server

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Most Common Types

A

Map domain name to IPv4 address
Ex: example.com => 127.0.0.1

AAAA

Map domain name to IPv6 address
Ex: example.com => ::1

CNAME

Map domain name to another domain name
CAUTION! Don't do this on the root (@)
Ex: www.example.com => example.com

ALIAS

Map domain name to another domain name
CAN do this on the root
Ex: example.com => example.herokudns.com

ANAME

Another name for ALIAS (different providers
name it differently; also "virtual CNAME")
Ex: example.com => example.netlify.com

TXT

Set arbitrary data on your domain record
Ex: @ => my-domain-is-awesome-123

MX

Setup custom email for your domain
Ex: @ => ASPMX.L.GOOGLE.COM. 1