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