

The Domain Name System (DNS), Pt. 1

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DNS	The Domain Name System
FQDN	Fully Qualified Domain Name

DNS server's only job is to resolve fully qualified domain names.

Www	Totalsem	Com
Individual Host Name	Secondary Domain	Top level Domain

There are a number of fully established Top level Domains:

- Com
- Gov
- Edu
- Org

The name of the host can be anything, its just proper edict to use WWW.

There are litterly millions of Secondary domains.

DNS servers do two things:

- Respond to queries
- Create queries

First, your computer looks for your local DNS server and that server then goes out to the root DNS servers.

The root server then redirects you to the nearest Top level domain server.

Then that top level domain server gives you the correct IP address for the domain name you were trying to reach.

Your computer cache will then store that IP so that way you don't have to go through all that DNS resolution again.

Googles DNS server	8.8.8.8.
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Root servers are "."s.

Preview from Notesale.co.uk
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