

DNS: HOW URLS ARE RESOLVED?

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What Is DNS?



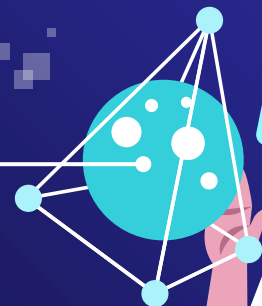
The Structure Of DNS

Domains

Root Servers

TLDs

SLDs and
Subdomains



Steps In DNS Resolution



Client Consult

Stub Resolver
Cache



Local DNS Server

Recursive Server



Resolution

Root Server
TLD Server
Authoritative Server
Returning the IP

Security Concerns

DNS Spoofing

Strategies:

- DNSSEC
- DoH

Curiosity

The website Domain Name Has a hidden Dot in the end, simbolizing the Root Server

FULLY
QUALYFIED
DOMAIN NAME
(FQDN)

tabnews.com.br.





There's no place like
127.0.0.1



That's all folks!