

THE STORY BEHIND DNS

Long before the Internet went massive, site domain names did not exist, in fact whenever you wanted to visit a website, you needed to remember it's **IP ADDRESS NUMBER** to actually get there



HOW WAS THIS SOLVED?

Well, IP number's still exist, though DNS made it all easier

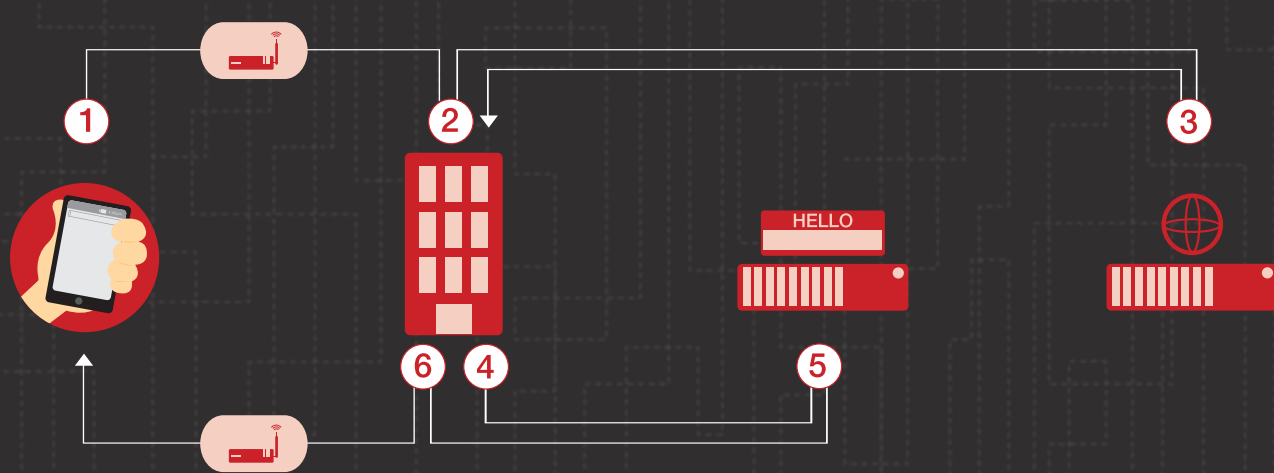


DNS to the rescue

DNS

DNS helped translate complex IP addresses into human-friendly domain names. Whether you're accessing a website or sending an email, your computer uses a DNS server to look up the domain name you're trying to access.

? LET'S GET A BIT MORE TECHNICAL



- 1 Your **Device** asks your **ISP** for a DNS record.
- 2 Your **ISP** asks the **Root Server** for the Nameserver.
- 3 The **Root Server** gives your **ISP** the Nameserver.
- 4 Your **ISP** asks the **Nameserver** for a **DNS** record.
- 5 The **Nameserver** gives your **ISP** the **DNS** record.
- 6 Your **ISP** returns a **DNS** answer.

CONCLUSION?

DNS is your 'computer's GPS' for the Internet.

Try typing 54.194.37.252 on your 'address bar' and see where that takes you.

