

# What is Domain Name Service (DNS)?

**DNS** stands for **Domain Name System**. It is a system used to translate human-readable domain names (like `www.example.com`) into machine-readable IP addresses (like `192.0.2.1`).

When you **type a domain name** into your web browser, your computer sends a **request to a DNS server** asking for the **IP address** associated with that domain name. The DNS server then looks up the IP address in its database and sends it back to your computer. Your computer can then use that IP address to connect to the website you requested.

**DNS** is an essential part of the internet infrastructure, as it allows users to **access websites** and other resources using easy-to-remember domain names, rather than having to remember complex IP addresses.

**Our free name service is included with all Joker.com domains.**

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