Browser sends a request to the DNS for the corresponding IP Address for www.googlecom

Using the assigned IP Address, the user is connected to a browser and searches a domain name such as www.google.com

User Device connects to Internet Service provider Router. This Router is assigned an IP Address which is used on the internet to identify the User Device.

DNS

The DNS replies to the browser with the corresponding IP Address for www.googlecom

Router

User Device

Browser

Router transmits data back to user

Browser sends data from the identified server back to the Router’s IP Address

Server responds to request for access and provides access to information.

The Browser uses the IP Address to locate and request access to the Google server

Server