(DNS) Domain name server: it's a server of using a domain instead of IP address ,by converting name requests into IP addresses, you may decide which server a user will access when they enter a domain name in their web browser.

The DNS server types:

1\_resolving name server.

2\_root name server.

3\_ TLD server.

4\_authortive name server.

The process:

The OS request the resolving name server, first of all the OS check if the IP configure in the computer or in the cache If those steps doesn't get any result then the resolving name server ask for the top level domain and the server got it from the root which is the dot in the end of the URL after the root server direct the resolving name server to the TLD (top level domain) server which is the (.com) then to the provider of the domain server to get the IP address and get it back to the OS to connect to the web server with the right IP.

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