

Iterative Resolver

An Iterative Resolver is part of a [DNS server](#). It navigates the [DNS](#) tree to find any available DNS data in order to determine which domain name resolves into what particular IP address.

The resolve process is done through **iteration**. The resolver starts from the top - the **root domain**, and works its way through the DNS tree until it receives an answer.

All data received during a query is placed in the [resolver cache](#). The data remains cached according to [Time-To-Live](#).

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