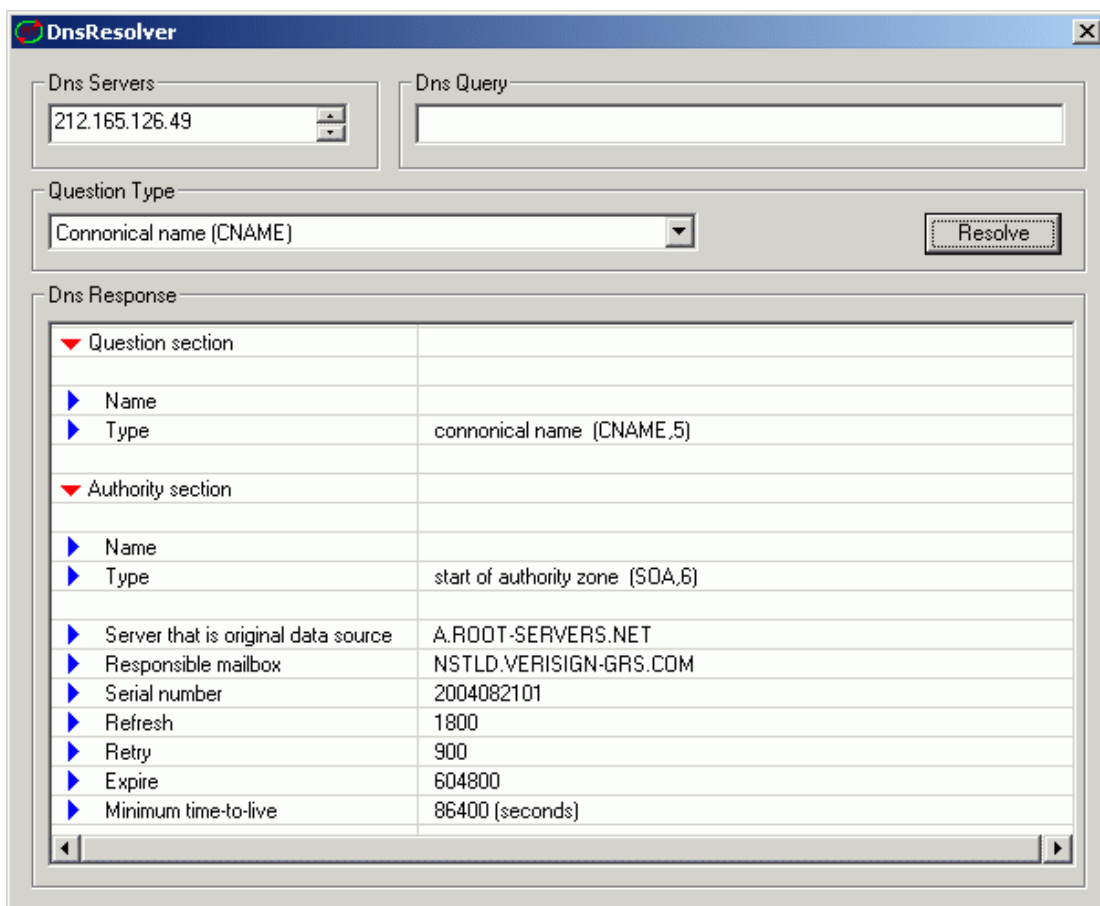


Dns Lookup

DNS lookup is a tool to convert IP addresses to hostnames and vice versa and to obtain aliases. DNS lookup performs advanced DNS queries, such as MX or CNAME. The full list of queries supported by this tool contains A, NS, MD, MF, CNAME, SOA, MB, MG, MR, NULL, WKS, PTR, HINFO, MINFO, MX, TXT, AXFR, MAILB, MAILA, *.

To perform a standard query, select **Standard Mode** from the **Question Type** list, enter an IP address or hostname in the **Dns Servers** field, and click **Resolve**. The program will display the query result in a few seconds.

To perform non-standard queries, select the type of record you are requesting from the **Question Type** list, enter your query in the **Dns Query** field, and enter a DNS server address in the **Dns servers** field, and click **Resolve**. The program will display the query results in few seconds in **Dns Response** section.



Using Dns tools makes possible to check if the host is a Real-time Black list for spammers “RBL “.

To use this feature select the appropriate IP address in “Connection Monitoring” view and select from right click pop-up menu the item “RBL Check...”.

To create your own request use the algorithm described bellow:

To check if 127.0.0.2 IP address is in SORBS Real-time Black list , select “Host Address (A)” from Question type combo box type in “Dns Query” box the IP address in reverse order.For “127.0.0.2” you will get “.dnsbl.sorbs.net”.

The result will be “2.0.0.127.dnsbl.sorbs.net” .

This tool requests following DNS records for a host or domain

- A a host address
- NS an authoritative name server
- MD a mail destination (Obsolete - use MX)
- MF a mail forwarder (Obsolete - use MX)
- CNAME the canonical name for an alias
- SOA marks the start of a zone of authority
- MB a mailbox domain name (EXPERIMENTAL)
- MG a mail group member (EXPERIMENTAL)
- MR a mail rename domain name (EXPERIMENTAL)
- NULL a null RR (EXPERIMENTAL)
- WKS a well known service description
- PTR a domain name pointer
- HINFO host information
- MINFO mailbox or mail list information
- MX mail exchange
- TXT text strings
- AXFR A request for a transfer of an entire zone
- MAILB A request for mailbox-related records (MB, MG or MR)
- MAILA A request for mail agent RRs (Obsolete - see MX)
- ALL A request for all records