

nslookup www.google.de

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zamman@goblin: ~/Dokumente/Systeme/C-C++/Programme/Socketprogrammierung
zamman@goblin:~/Dokumente/Systeme/C-C++/Programme/Socketprogrammierung$ nslookup www.google.de
Server:      127.0.1.1
Address:     127.0.1.1#53

Name:   www.google.de
Address: 216.239.38.120

zamman@goblin:~/Dokumente/Systeme/C-C++/Programme/Socketprogrammierung$
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dig www.google.de

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zamman@goblin: ~/Dokumente/Systeme/C-C++/Programme/Socketprogrammierung
zamman@goblin:~/Dokumente/Systeme/C-C++/Programme/Socketprogrammierung$ dig www.google.de

; <<>> Dig 9.10.3-P4-Ubuntu <<>> www.google.de
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 41374
;; flags: qr aa rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 4000
;; QUESTION SECTION:
;www.google.de.                IN      A

;; ANSWER SECTION:
www.google.de.                3600    IN      A      216.239.38.120

;; Query time: 1 msec
;; SERVER: 127.0.1.1#53(127.0.1.1)
;; WHEN: Mon Mar 29 09:17:33 CEST 2021
;; MSG SIZE rcvd: 58

zamman@goblin:~/Dokumente/Systeme/C-C++/Programme/Socketprogrammierung$
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dig google.de

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zamman@goblin: ~/Dokumente/Systeme/C-C++/Programme/Socketprogrammierung
zamman@goblin:~/Dokumente/Systeme/C-C++/Programme/Socketprogrammierung$ dig google.de

;<<>> DiG 9.10.3-P4-Ubuntu <<>> google.de
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 30745
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 4000
;; QUESTION SECTION:
;google.de.                IN      A

;; ANSWER SECTION:
google.de.                117     IN      A      216.58.208.163

;; Query time: 1 msec
;; SERVER: 127.0.1.1#53(127.0.1.1)
;; WHEN: Mon Mar 29 09:18:05 CEST 2021
;; MSG SIZE rcvd: 54

zamman@goblin:~/Dokumente/Systeme/C-C++/Programme/Socketprogrammierung$
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dig tfobz.net

```
zamman@goblin: ~/Dokumente/Systeme/C-C++/Programme/Socketprogrammierung
zamman@goblin:~/Dokumente/Systeme/C-C++/Programme/Socketprogrammierung$ dig tfobz.net

;<<>> DiG 9.10.3-P4-Ubuntu <<>> tfobz.net
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 1414
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 4000
;; QUESTION SECTION:
;tfobz.net.                IN      A

;; ANSWER SECTION:
tfobz.net.                1110    IN      A      138.201.53.148

;; Query time: 1 msec
;; SERVER: 127.0.1.1#53(127.0.1.1)
;; WHEN: Mon Mar 29 09:20:21 CEST 2021
;; MSG SIZE rcvd: 54

zamman@goblin:~/Dokumente/Systeme/C-C++/Programme/Socketprogrammierung$
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dig -t A www.tfobz.net

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zamman@goblin: ~/Dokumente/Systeme/C-C++/Programme/Socketprogrammierung
zamman@goblin:~/Dokumente/Systeme/C-C++/Programme/Socketprogrammierung$ dig -t A www.tfobz.net

; <<>> DiG 9.10.3-P4-Ubuntu <<>> -t A www.tfobz.net
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 2716
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 4000
;; QUESTION SECTION:
;www.tfobz.net.                IN      A

;; ANSWER SECTION:
www.tfobz.net.                1062    IN      A      138.201.53.148

;; Query time: 1 msec
;; SERVER: 127.0.1.1#53(127.0.1.1)
;; WHEN: Mon Mar 29 09:22:33 CEST 2021
;; MSG SIZE rcvd: 58

zamman@goblin:~/Dokumente/Systeme/C-C++/Programme/Socketprogrammierung$
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dig -t PTR tfobz.net

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zamman@goblin: ~/Dokumente/Systeme/C-C++/Programme/Socketprogrammierung
zamman@goblin:~/Dokumente/Systeme/C-C++/Programme/Socketprogrammierung$ dig -t PTR www.tfobz.net

; <<>> DiG 9.10.3-P4-Ubuntu <<>> -t PTR www.tfobz.net
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 22674
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 4000
;; QUESTION SECTION:
;www.tfobz.net.                IN      PTR

;; AUTHORITY SECTION:
tfobz.net.                    896     IN      SOA     protone.dns.tiscali.it. franz.obkircher.org. 2020121301 7200 3600 360000
0 86400

;; Query time: 1 msec
;; SERVER: 127.0.1.1#53(127.0.1.1)
;; WHEN: Mon Mar 29 09:23:32 CEST 2021
;; MSG SIZE rcvd: 119

zamman@goblin:~/Dokumente/Systeme/C-C++/Programme/Socketprogrammierung$
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dig -t SOA tfobz.net

```
zamman@goblin: ~/Dokumente/Systeme/C-C++/Programme/Socketprogrammierung
zamman@goblin:~/Dokumente/Systeme/C-C++/Programme/Socketprogrammierung$ dig -t SOA www.tfobz.net

; <<>> DiG 9.10.3-P4-Ubuntu <<>> -t SOA www.tfobz.net
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 35943
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 2

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 4000
;; QUESTION SECTION:
;www.tfobz.net.                IN      SOA

;; AUTHORITY SECTION:
tfobz.net.                    60      IN      SOA      protone.dns.tiscali.it. franz.obkircher.org. 2020121301 7200 3600 360000
0 86400

;; ADDITIONAL SECTION:
protone.dns.tiscali.it. 30664   IN      A        213.205.32.125

;; Query time: 41 msec
;; SERVER: 127.0.1.1#53(127.0.1.1)
;; WHEN: Mon Mar 29 09:23:53 CEST 2021
;; MSG SIZE rcvd: 135

zamman@goblin:~/Dokumente/Systeme/C-C++/Programme/Socketprogrammierung$
```

nslookup

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zamman@goblin: ~/Dokumente/Systeme/C-C++/Programme/Socketprogrammierung
zamman@goblin:~/Dokumente/Systeme/C-C++/Programme/Socketprogrammierung$ nslookup
> server 8.8.8.8
Default server: 8.8.8.8
Address: 8.8.8.8#53
> www.tfobz.net
Server:      8.8.8.8
Address:     8.8.8.8#53

Non-authoritative answer:
Name:   www.tfobz.net
Address: 138.201.53.148
> exit

zamman@goblin:~/Dokumente/Systeme/C-C++/Programme/Socketprogrammierung$
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dig

```
zamman@goblin: ~/Dokumente/Systeme/C-C++/Programme/Socketprogrammierung
zamman@goblin:~/Dokumente/Systeme/C-C++/Programme/Socketprogrammierung$ dig

;<>> DiG 9.10.3-P4-Ubuntu <>>
;; global options: +cmd
;; Got answer:
;; ->HEADER<- opcode: QUERY, status: NOERROR, id: 22028
;; flags: qr rd ra; QUERY: 1, ANSWER: 13, AUTHORITY: 0, ADDITIONAL: 27

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 4000
;; QUESTION SECTION:
;
; IN NS
;

;; ANSWER SECTION:
; 86160 IN NS b.root-servers.net.
; 86160 IN NS c.root-servers.net.
; 86160 IN NS d.root-servers.net.
; 86160 IN NS e.root-servers.net.
; 86160 IN NS f.root-servers.net.
; 86160 IN NS g.root-servers.net.
; 86160 IN NS h.root-servers.net.
; 86160 IN NS i.root-servers.net.
; 86160 IN NS a.root-servers.net.
; 86160 IN NS j.root-servers.net.
; 86160 IN NS k.root-servers.net.
; 86160 IN NS l.root-servers.net.
; 86160 IN NS m.root-servers.net.

;; ADDITIONAL SECTION:
b.root-servers.net. 86160 IN A 199.9.14.201
b.root-servers.net. 86160 IN AAAA 2001:500:200::b
c.root-servers.net. 86160 IN A 192.33.4.12
c.root-servers.net. 86160 IN AAAA 2001:500:2::c
d.root-servers.net. 86160 IN A 199.7.91.13
d.root-servers.net. 86160 IN AAAA 2001:500:2d::d
e.root-servers.net. 86160 IN A 192.203.230.10
e.root-servers.net. 86160 IN AAAA 2001:500:a8::e
f.root-servers.net. 86160 IN A 192.5.5.241
f.root-servers.net. 86160 IN AAAA 2001:500:2f::f
g.root-servers.net. 86160 IN A 192.112.36.4
g.root-servers.net. 86160 IN AAAA 2001:500:12::d0d
h.root-servers.net. 86160 IN A 198.97.190.53
h.root-servers.net. 86160 IN AAAA 2001:500:1::53
```

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zamman@goblin: ~/Dokumente/Systeme/C-C++/Programme/Socketprogrammierung
; 86160 IN NS h.root-servers.net.
; 86160 IN NS i.root-servers.net.
; 86160 IN NS a.root-servers.net.
; 86160 IN NS j.root-servers.net.
; 86160 IN NS k.root-servers.net.
; 86160 IN NS l.root-servers.net.
; 86160 IN NS m.root-servers.net.

;; ADDITIONAL SECTION:
b.root-servers.net. 86160 IN A 199.9.14.201
b.root-servers.net. 86160 IN AAAA 2001:500:200::b
c.root-servers.net. 86160 IN A 192.33.4.12
c.root-servers.net. 86160 IN AAAA 2001:500:2::c
d.root-servers.net. 86160 IN A 199.7.91.13
d.root-servers.net. 86160 IN AAAA 2001:500:2d::d
e.root-servers.net. 86160 IN A 192.203.230.10
e.root-servers.net. 86160 IN AAAA 2001:500:a8::e
f.root-servers.net. 86160 IN A 192.5.5.241
f.root-servers.net. 86160 IN AAAA 2001:500:2f::f
g.root-servers.net. 86160 IN A 192.112.36.4
g.root-servers.net. 86160 IN AAAA 2001:500:12::d0d
h.root-servers.net. 86160 IN A 198.97.190.53
h.root-servers.net. 86160 IN AAAA 2001:500:1::53
i.root-servers.net. 86160 IN A 192.36.148.17
i.root-servers.net. 86160 IN AAAA 2001:7fe::53
a.root-servers.net. 86160 IN A 198.41.0.4
a.root-servers.net. 86160 IN AAAA 2001:503:ba3e::2:30
j.root-servers.net. 86160 IN A 192.58.128.30
j.root-servers.net. 86160 IN AAAA 2001:503:c27::2:30
k.root-servers.net. 86160 IN A 193.0.14.129
k.root-servers.net. 86160 IN AAAA 2001:7fd::1
l.root-servers.net. 86160 IN A 199.7.83.42
l.root-servers.net. 86160 IN AAAA 2001:500:9f::42
m.root-servers.net. 86160 IN A 202.12.27.33
m.root-servers.net. 86160 IN AAAA 2001:dc3::35

;; Query time: 2 msec
;; SERVER: 127.0.1.1#53(127.0.1.1)
;; WHEN: Mon Mar 29 09:28:18 CEST 2021
;; MSG SIZE rcvd: 824

zamman@goblin:~/Dokumente/Systeme/C-C++/Programme/Socketprogrammierung$
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