

NASA LAB 7

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1

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root@c1f7718ed71b:/# dig b12705014.dnslab.com

; <<>> DiG 9.11.3-1ubuntu1.18-Ubuntu <<>> b12705014.dnslab.com
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 20549
;; flags: qr aa rd; QUERY: 1, ANSWER: 1, AUTHORITY: 1, ADDITIONAL: 2
;; WARNING: recursion requested but not available

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 4096
; COOKIE: 63aba0cc4c89ebd599bb39f3660a3f06fa2b0d8dab84fc57 (good)
;; QUESTION SECTION:
;b12705014.dnslab.com.                IN      A

;; ANSWER SECTION:
b12705014.dnslab.com.        604800  IN      A      172.20.2.2

;; AUTHORITY SECTION:
dnslab.com.                  604800  IN      NS      ns1.dnslab.com.

;; ADDITIONAL SECTION:
ns1.dnslab.com.              604800  IN      A      172.20.0.2

;; Query time: 1 msec
;; SERVER: 127.0.0.11#53(127.0.0.11)
;; WHEN: Mon Apr 01 04:58:46 UTC 2024
;; MSG SIZE  rcvd: 127
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2

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root@cf1f7718ed71b:/# dig www.b12705014.dnslab.com

; <<>> DiG 9.11.3-1ubuntu1.18-Ubuntu <<>> www.b12705014.dnslab.com
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 24508
;; flags: qr aa rd; QUERY: 1, ANSWER: 2, AUTHORITY: 1, ADDITIONAL: 2
;; WARNING: recursion requested but not available

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 4096
; COOKIE: 44332dbbc8331508969b07b7660a402dbcdefd3689e67751 (good)
;; QUESTION SECTION:
;www.b12705014.dnslab.com.      IN      A

;; ANSWER SECTION:
www.b12705014.dnslab.com. 604800 IN      CNAME   b12705014.dnslab.com.
b12705014.dnslab.com.    604800 IN      A       172.20.2.2

;; AUTHORITY SECTION:
dnslab.com.              604800 IN      NS       ns1.dnslab.com.

;; ADDITIONAL SECTION:
ns1.dnslab.com.          604800 IN      A       172.20.0.2

;; Query time: 1 msec
;; SERVER: 127.0.0.11#53(127.0.0.11)
;; WHEN: Mon Apr 01 05:03:41 UTC 2024
;; MSG SIZE rcvd: 145

root@cf1f7718ed71b:/#
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root@c1f7718ed71b:/# dig -x 172.20.2.2

; <<>> DiG 9.11.3-lubuntu1.18-Ubuntu <<>> -x 172.20.2.2
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NXDOMAIN, id: 20
;; flags: qr aa rd; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1
;; WARNING: recursion requested but not available

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 4096
; COOKIE: 11fd6142cdde403d0ee013da660a4050f4e661d9e866c023 (good)
;; QUESTION SECTION:
;2.20.172.in-addr.arpa.      IN      PTR

;; AUTHORITY SECTION:
20.172.in-addr.arpa.      604800  IN      SOA      ns1.dnslab.com. root.dnslab.co
 3 604800 86400 2419200 604800

;; Query time: 2 msec
;; SERVER: 127.0.0.11#53(127.0.0.11)
;; WHEN: Mon Apr 01 05:04:16 UTC 2024
;; MSG SIZE rcvd: 135

root@c1f7718ed71b:/#
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root@c1f7718ed71b:/# dig google.com

; <<>> DiG 9.11.3-lubuntu1.18-Ubuntu <<>> google.com
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: SERVFAIL, id: 3869
;; flags: qr rd; QUERY: 1, ANSWER: 0, AUTHORITY: 0, ADDITIONAL: 0
;; WARNING: recursion requested but not available

;; QUESTION SECTION:
;google.com.                IN      A

;; Query time: 1 msec
;; SERVER: 127.0.0.11#53(127.0.0.11)
;; WHEN: Mon Apr 01 05:05:09 UTC 2024
;; MSG SIZE rcvd: 28

root@c1f7718ed71b:/#
```