

tokopedia.com

```
arrizki@TRIX:~$ dig tokopedia.com

; <<>> DiG 9.18.1-lubuntu1.1-Ubuntu <<>> tokopedia.com
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 17839
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 4, ADDITIONAL: 9

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 65494
;; QUESTION SECTION:
;tokopedia.com.                IN      A

;; ANSWER SECTION:
tokopedia.com.                60      IN      A      47.74.234.244

;; AUTHORITY SECTION:
tokopedia.com.                91401   IN      NS      ns-1184.awsdns-20.org.
tokopedia.com.                91401   IN      NS      ns-869.awsdns-44.net.
tokopedia.com.                91401   IN      NS      ns-491.awsdns-61.com.
tokopedia.com.                91401   IN      NS      ns-1959.awsdns-52.co.uk.

;; ADDITIONAL SECTION:
ns-491.awsdns-61.com.         91395   IN      A      205.251.193.235
ns-491.awsdns-61.com.         91395   IN      AAAA   2600:9000:5301:eb00::1
ns-869.awsdns-44.net.         91401   IN      A      205.251.195.101
ns-869.awsdns-44.net.         91401   IN      AAAA   2600:9000:5303:6500::1
ns-1184.awsdns-20.org.        91401   IN      A      205.251.196.160
ns-1184.awsdns-20.org.        91401   IN      AAAA   2600:9000:5304:a000::1
```

Dengan Nmap, pengguna dapat melakukan pemindaian jaringan untuk menemukan perangkat yang terhubung ke jaringan, mengidentifikasi layanan yang berjalan pada perangkat tersebut, menemukan port yang terbuka, dan memeriksa kerentanan keamanan yang mungkin ada. Nmap juga dapat digunakan untuk mengaudit keamanan jaringan, menguji keamanan firewall, dan menyelidiki masalah jaringan.

```
ns-1959.awsdns-52.co.uk. 91401 IN A 205.251.199.167
ns-1959.awsdns-52.co.uk. 91401 IN AAAA 2600:9000:5307:a700::1

;; Query time: 20 msec
;; SERVER: 127.0.0.53#53(127.0.0.53) (UDP)
;; WHEN: Thu Mar 28 11:29:12 WIB 2024
;; MSG SIZE rcvd: 371
```

```
arrizki@TRIX:~$ nslookup tokopedia.com
Server:          127.0.0.53
Address:         127.0.0.53#53

Non-authoritative answer:
Name:   tokopedia.com
Address: 47.74.234.244
```

Dengan menggunakan nslookup, pengguna dapat melakukan berbagai tugas, termasuk menemukan alamat IP dari sebuah nama domain, menemukan nama domain dari sebuah alamat IP, memeriksa catatan DNS seperti PTR (Pointer Record), MX (Mail Exchange), NS (Name Server), dll. Nslookup juga dapat membantu dalam men-debug dan mendiagnosis masalah jaringan terkait dengan konfigurasi DNS. Dengan menggunakan perintah sederhana, pengguna dapat mengakses informasi DNS yang diperlukan untuk memahami dan memecahkan masalah koneksi jaringan.

```
arrizki@TRIX:~$ nmap tokopedia.com
Starting Nmap 7.80 ( https://nmap.org ) at 2024-03-28 11:41 WIB
Nmap scan report for tokopedia.com (47.74.244.18)
Host is up (0.030s latency).
Not shown: 998 filtered ports
PORT      STATE SERVICE
80/tcp    open  http
443/tcp   open  https

Nmap done: 1 IP address (1 host up) scanned in 4.71 seconds
```

Pengguna dapat mengirim permintaan DNS ke server DNS tertentu dan menerima respons yang mencakup informasi seperti alamat IP yang terkait dengan nama domain, catatan DNS lainnya seperti MX (Mail Exchange) atau NS (Name Server), TTL (Time to Live), dll.

tim.blog

```
arrizki@TRIX:~$ dig tim.blog

; <<>> DiG 9.18.1-lubuntu1.1-Ubuntu <<>> tim.blog
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 2355
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 65494
;; QUESTION SECTION:
;tim.blog.                IN      A

;; ANSWER SECTION:
tim.blog.                 300     IN      A      199.16.173.243
tim.blog.                 300     IN      A      199.16.172.1

;; Query time: 52 msec
;; SERVER: 127.0.0.53#53(127.0.0.53) (UDP)
;; WHEN: Thu Mar 28 12:11:12 WIB 2024
;; MSG SIZE rcvd: 69
```

```
arrizki@TRIX:~$ nslookup tim.blog
Server:         127.0.0.53
Address:        127.0.0.53#53

Non-authoritative answer:
Name:   tim.blog
Address: 199.16.172.1
Name:   tim.blog
Address: 199.16.173.243
```

```
arrizki@TRIX:~$ nmap tim.blog
Starting Nmap 7.80 ( https://nmap.org ) at 2024-03-28 12:09 WIB
Nmap scan report for tim.blog (199.16.172.1)
Host is up (0.027s latency).
Other addresses for tim.blog (not scanned): 199.16.173.243
Not shown: 998 filtered ports
PORT      STATE SERVICE
80/tcp    open  http
443/tcp    open  https

Nmap done: 1 IP address (1 host up) scanned in 5.02 seconds
```

adidas.co.id

```
arrizki@TRIX:~$ dig adidas.co.id

; <<> DiG 9.18.1-lubuntu1.1-Ubuntu <<> adidas.co.id
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 10910
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
;; EDNS: version: 0, flags:; udp: 65494
;; QUESTION SECTION:
;adidas.co.id.                IN      A

;; ANSWER SECTION:
adidas.co.id.                21383   IN      A      62.128.1.80

;; Query time: 28 msec
;; SERVER: 127.0.0.53#53(127.0.0.53) (UDP)
;; WHEN: Thu Mar 28 11:47:39 WIB 2024
;; MSG SIZE rcvd: 57
```

```
arrizki@TRIX:~$ nslookup adidas.co.id
Server:      127.0.0.53
Address:     127.0.0.53#53

Non-authoritative answer:
Name:   adidas.co.id
Address: 62.128.1.80
```

```
arrizki@TRIX:~$ nmap adidas.co.id
Starting Nmap 7.80 ( https://nmap.org ) at 2024-03-28 11:48 WIB
Nmap scan report for adidas.co.id (62.128.1.80)
Host is up (0.19s latency).
rDNS record for 62.128.1.80: vhosts.noris.net
Not shown: 996 filtered ports
PORT      STATE SERVICE
22/tcp    open  ssh
80/tcp    open  http
113/tcp   closed ident
443/tcp    open  https

Nmap done: 1 IP address (1 host up) scanned in 11.83 seconds
```

academia.edu

```
arrizki@TRIX:~$ dig academia.edu

; <<> DiG 9.18.1-lubuntu1.1-Ubuntu <<> academia.edu
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 48702
;; flags: qr rd ra; QUERY: 1, ANSWER: 4, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
;; EDNS: version: 0, flags:; udp: 65494
;; QUESTION SECTION:
;academia.edu.                IN      A

;; ANSWER SECTION:
academia.edu.                60      IN      A      108.157.254.9
academia.edu.                60      IN      A      108.157.254.49
academia.edu.                60      IN      A      108.157.254.61
academia.edu.                60      IN      A      108.157.254.8

;; Query time: 36 msec
;; SERVER: 127.0.0.53#53(127.0.0.53) (UDP)
;; WHEN: Thu Mar 28 12:01:35 WIB 2024
;; MSG SIZE rcvd: 105
```

```
arrizki@TRIX:~$ nslookup academia.edu
Server:      127.0.0.53
Address:     127.0.0.53#53

Non-authoritative answer:
Name:   academia.edu
Address: 108.157.254.49
Name:   academia.edu
Address: 108.157.254.8
Name:   academia.edu
Address: 108.157.254.9
Name:   academia.edu
Address: 108.157.254.61
```

```
arrizki@TRIX:~$ nmap academia.edu
Starting Nmap 7.80 ( https://nmap.org ) at 2024-03-28 12:01 WIB
Nmap scan report for academia.edu (108.157.254.49)
Host is up (0.018s latency).
Other addresses for academia.edu (not scanned): 108.157.254.61 108.157.254.9 108.157.254.8
rDNS record for 108.157.254.49: server-108-157-254-49.sin2.r.cloudfront.net
Not shown: 998 filtered ports
PORT      STATE SERVICE
80/tcp    open  http
443/tcp   open  https

Nmap done: 1 IP address (1 host up) scanned in 4.70 seconds
```

wordpress.org

```
arrizki@TRIX:~$ dig wordpress.org

; <<> DiG 9.18.1-lubuntu1.1-Ubuntu <<> wordpress.org
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 5413
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
;; EDNS: version: 0, flags:; udp: 65494
;; QUESTION SECTION:
;wordpress.org.                IN      A

;; ANSWER SECTION:
wordpress.org.                96      IN      A      198.143.164.252

;; Query time: 32 msec
;; SERVER: 127.0.0.53#53(127.0.0.53) (UDP)
;; WHEN: Thu Mar 28 12:05:15 WIB 2024
;; MSG SIZE rcvd: 58
```

```
arrizki@TRIX:~$ nslookup wordpress.org
Server:           127.0.0.53
Address:          127.0.0.53#53

Non-authoritative answer:
Name:   wordpress.org
Address: 198.143.164.252
```

```
arrizki@TRIX:~$ nmap wordpress.org
Starting Nmap 7.80 ( https://nmap.org ) at 2024-03-28 12:05 WIB
Nmap scan report for wordpress.org (198.143.164.252)
Host is up (0.27s latency).
Not shown: 997 filtered ports
PORT      STATE SERVICE
25/tcp    closed smtp
80/tcp    open  http
443/tcp    open  https

Nmap done: 1 IP address (1 host up) scanned in 31.18 seconds
```