

Server NS1 – 172.16.2.230

Administrator: Command Prompt - nslookup

```
Microsoft Windows [Version 10.0.14393]
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C:\Users\Administrator>nslookup
Default Server:  NS1
Address:  172.16.2.230

> set type=soa
> devdns.org
Server:  NS1
Address:  172.16.2.230

devdns.org
    primary name server = www.devdns.org
    responsible mail addr = hostmaster
    serial = 35
    refresh = 900 (15 mins)
    retry = 600 (10 mins)
    expire = 86400 (1 day)
    default TTL = 3600 (1 hour)
www.devdns.org internet address = 172.16.2.151
> set type=a
> ns1.devdns.org
Server:  NS1
Address:  172.16.2.230

Name:    ns1.devdns.org
Address:  172.16.2.152

> www.devdns.org
Server:  NS1
Address:  172.16.2.230

Name:    www.devdns.org
Address:  172.16.2.151

> _
```

Server – NS2 – 172.16.2.231

Administrator: Command Prompt - nslookup

```
C:\Users\Administrator>nslookup
Default Server: NS2
Address: 172.16.2.231

> set type=soa
> devdns.org
Server: NS2
Address: 172.16.2.231

devdns.org
    primary name server = www.devdns.org
    responsible mail addr = hostmaster
    serial = 35
    refresh = 900 (15 mins)
    retry = 600 (10 mins)
    expire = 86400 (1 day)
    default TTL = 3600 (1 hour)
www.devdns.org internet address = 172.16.2.151
> set type=a
> ns1.devdns.org
Server: NS2
Address: 172.16.2.231

Name: ns1.devdns.org
Address: 172.16.2.152

> www.devdns.org
Server: NS2
Address: 172.16.2.231

Name: www.devdns.org
Address: 172.16.2.151

> -
```

Windows Workstation – 172.16.2.187

Preferred DNS – 172.16.2.231

Alternate DNS – 172.16.2.230

```
Administrator: Command Prompt - nslookup
Microsoft Windows [Version 10.0.19043.928]
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C:\Users\Administrator>nslookup
Default Server:  NS2
Address:  172.16.2.231

> set type=soa
> devdns.org
Server:  NS2
Address:  172.16.2.231

DNS request timed out.
    timeout was 2 seconds.
devdns.org
    primary name server = www.devdns.org
    responsible mail addr = hostmaster
    serial = 35
    refresh = 900 (15 mins)
    retry = 600 (10 mins)
    expire = 86400 (1 day)
    default TTL = 3600 (1 hour)
www.devdns.org internet address = 172.16.2.151
> set type=a
> ns1.devdns.org
Server:  NS2
Address:  172.16.2.231

Name:    ns1.devdns.org
Address:  172.16.2.152

> www.devdns.org
Server:  NS2
Address:  172.16.2.231

Name:    www.devdns.org
Address:  172.16.2.151

>
```

Windows Workstation – 172.16.2.187

Preferred DNS – 172.16.2.230

Alternate DNS – 172.16.2.231

Administrator: Command Prompt - nslookup

```
Microsoft Windows [Version 10.0.19043.928]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Administrator>nslookup
Default Server:  NS1
Address:  172.16.2.230

> set type=soa
> devdns.org
Server:  NS1
Address:  172.16.2.230

devdns.org
    primary name server = www.devdns.org
    responsible mail addr = hostmaster
    serial = 36
    refresh = 900 (15 mins)
    retry = 600 (10 mins)
    expire = 86400 (1 day)
    default TTL = 3600 (1 hour)
www.devdns.org internet address = 172.16.2.151
> set type=a
> ns1.devdns.org
Server:  NS1
Address:  172.16.2.230

Name:    ns1.devdns.org
Address:  172.16.2.152

> www.devdns.org
Server:  NS1
Address:  172.16.2.230

Name:    www.devdns.org
Address:  172.16.2.151

> _
```

Windows Workstation – 172.16.2.187

Preferred DNS – 172.16.2.230 – Down – NS1

Alternate DNS – 172.16.2.231 – Up

```
C:\Users\Administrator>nslookup
DNS request timed out.
    timeout was 2 seconds.
Default Server:  UnKnown
Address:  172.16.2.230

> set type=soa
> devdns.org
Server:  UnKnown
Address:  172.16.2.230

DNS request timed out.
    timeout was 2 seconds.
DNS request timed out.
    timeout was 2 seconds.
*** Request to UnKnown timed-out
> set type=a
> ns1.devdns.org
Server:  UnKnown
Address:  172.16.2.230

DNS request timed out.
    timeout was 2 seconds.
DNS request timed out.
    timeout was 2 seconds.
*** Request to UnKnown timed-out
> www.devdns.org
Server:  UnKnown
Address:  172.16.2.230

DNS request timed out.
    timeout was 2 seconds.
DNS request timed out.
    timeout was 2 seconds.
*** Request to UnKnown timed-out
>
```

Windows Workstation – 172.16.2.187

Preferred DNS – 172.16.2.231 - Up

Alternate DNS – 172.16.2.230 – Down

```
C:\Users\Administrator>nslookup
Default Server:  NS2
Address:  172.16.2.231

> set type=soa
> devdns.org
Server:  NS2
Address:  172.16.2.231

devdns.org
    primary name server = www.devdns.org
    responsible mail addr = hostmaster
    serial = 36
    refresh = 900 (15 mins)
    retry = 600 (10 mins)
    expire = 86400 (1 day)
    default TTL = 3600 (1 hour)
www.devdns.org internet address = 172.16.2.151
> set type=a
> ns1.devdns.org
Server:  NS2
Address:  172.16.2.231

Name:    ns1.devdns.org
Address: 172.16.2.152

> www.devdns.org
Server:  NS2
Address:  172.16.2.231

Name:    www.devdns.org
Address: 172.16.2.151

>
```