

Windows Server 2016 STD

Primary DNS Server – 172.16.2.230 i.e. NS1

Initially I had configured all the IPs mentioned below in NIC along with Primary DNS Server

Also in Preferred and Alternate DNS, I had mentioned all the IPs

---devdns.org---

172.16.2.150 -

172.16.2.151 – WWW

172.16.2.152 – NS1

172.16.2.153

172.16.2.154

172.16.2.155

172.16.2.156

172.16.2.157

---hostdns.info---

172.16.2.158 – WWW

172.16.2.159 – NS1

---serverdns.blog---

172.16.2.160 – WWW

172.16.2.161 – NS1

---trialdns.net---

172.16.2.162

172.16.2.163

---testdns.com---

172.16.2.164 – WWW

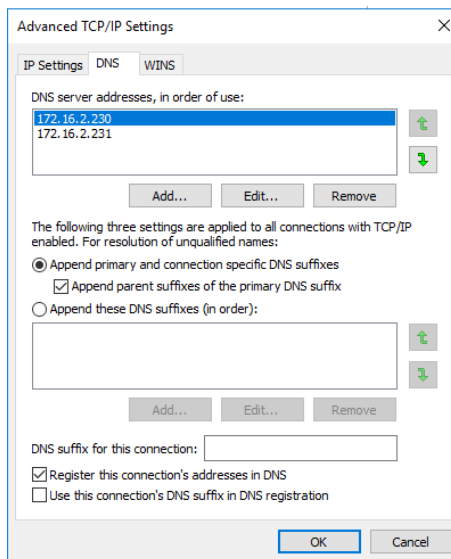
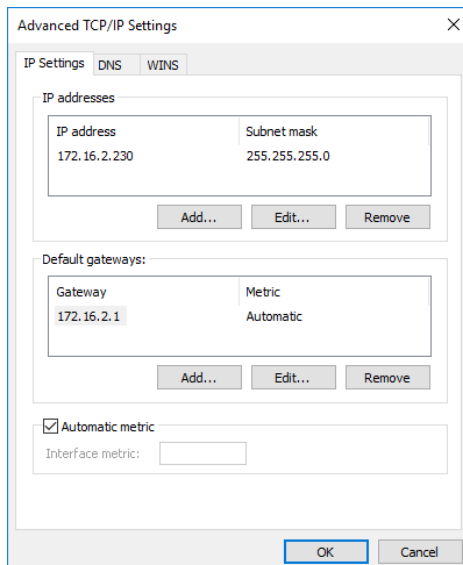
172.16.2.165 – NS1

Secondary DNS Server – 172.16.2.231 i.e. NS2

In the above server NIC is having only 1 IP mentioned above and only 2 DNS – Primary / Secondary as Preferred and Alternate.

After your reply I deleted everything and now it looks as under, Hope this is fine?

Primary DNS NIC – NS1



Secondary DNS NIC – NS2

Advanced TCP/IP Settings

IP Settings DNS WINS

IP addresses

IP address	Subnet mask
172.16.2.231	255.255.255.0

Add... Edit... Remove

Default gateways:

Gateway	Metric
172.16.2.1	Automatic

Add... Edit... Remove

Automatic metric
Interface metric:

OK Cancel

Advanced TCP/IP Settings

IP Settings DNS WINS

DNS server addresses, in order of use:

172.16.2.231	↑
172.16.2.230	↓

Add... Edit... Remove

The following three settings are applied to all connections with TCP/IP enabled. For resolution of unqualified names:

Append primary and connection specific DNS suffixes

- Append parent suffixes of the primary DNS suffix

Append these DNS suffixes (in order):

	↑
	↓

Add... Edit... Remove

DNS suffix for this connection:

Register this connection's addresses in DNS
 Use this connection's DNS suffix in DNS registration

OK Cancel

nslookup result on server itself.

Primary DNS Server after deleting all the IPs and keeping only NS1 IP

The screenshot shows the DNS Manager console for NS1. The left pane shows the hierarchy: DNS > NS1 > Forward Lookup Zones. The right pane displays a table of zones:

Name	Type	Status	DNSSEC Status	Key Master
devdns.org	Standard Primary	Running	Not Signed	
devdns-1.org	Standard Primary	Running	Not Signed	
hostdns.info	Standard Primary	Running	Not Signed	
serverdns.blog	Standard Primary	Running	Not Signed	
testdns.com	Standard Primary	Running	Not Signed	
trialdns.net	Standard Primary	Running	Not Signed	

Below the table is a terminal window titled "C:\Windows\system32\cmd.exe - C:\Windows\system32\nslookup.exe - 172.16.2.230". The terminal output shows:

```
Default Server: Unknown
Address: 172.16.2.230
>
```

Secondary DNS Server after deleting all the IPs and keeping only NS2 IP

The screenshot shows the DNS Manager console for NS2. The left pane shows the hierarchy: DNS > NS2 > Forward Lookup Zones. The right pane displays a table of records:

Name	Type	Data	Timestamp
child			
(same as parent folder)	Start of Authority (SOA)	[35], www.devdns.org, ho...	static
(same as parent folder)	Name Server (NS)	ns1.devdns.org.	static
apple	Alias (CNAME)	ns1.devdns.org.	static
mail	Mail Exchanger (MX)	[10] ns1.devdns.org.	static
ns1	Host (A)	172.16.2.152	static
www	Host (A)	172.16.2.151	static

Below the table is a terminal window titled "C:\Windows\system32\cmd.exe - C:\Windows\system32\nslookup.exe - 172.16.2.231". The terminal output shows:

```
Default Server: Unknown
Address: 172.16.2.231
>
```