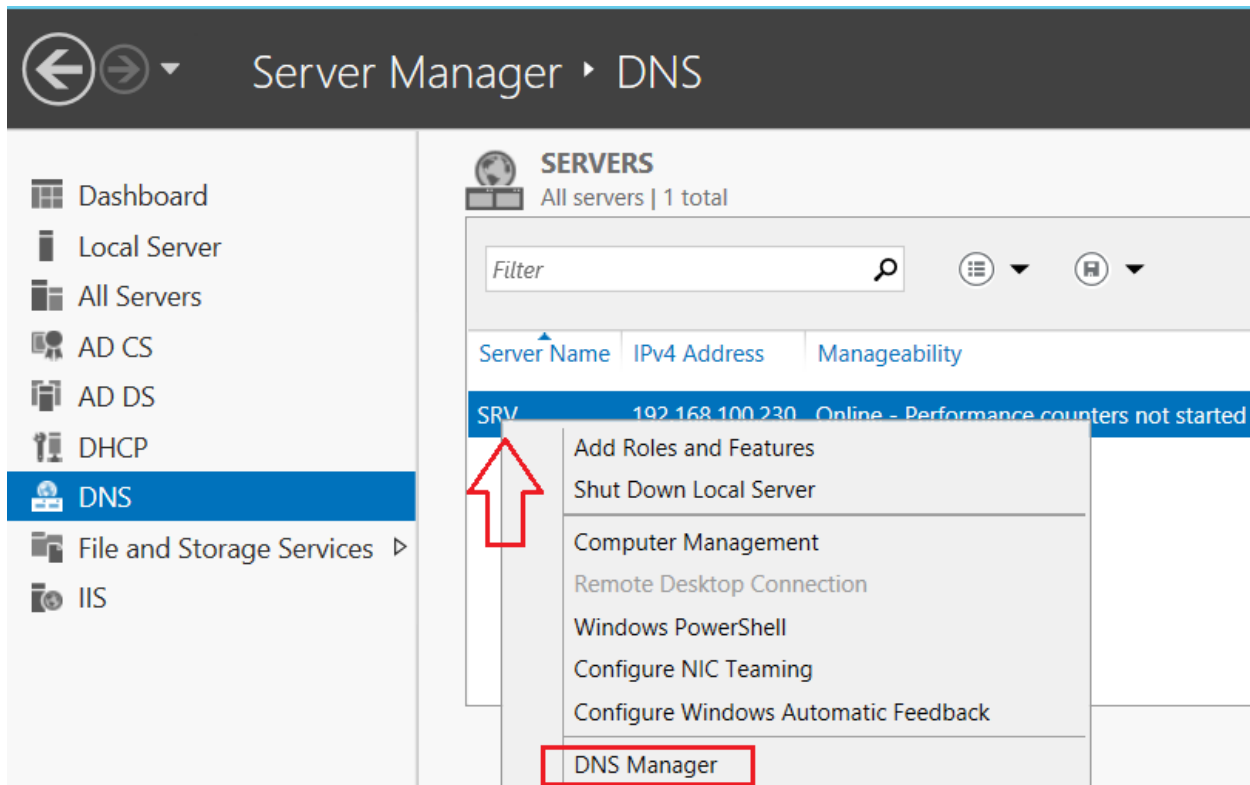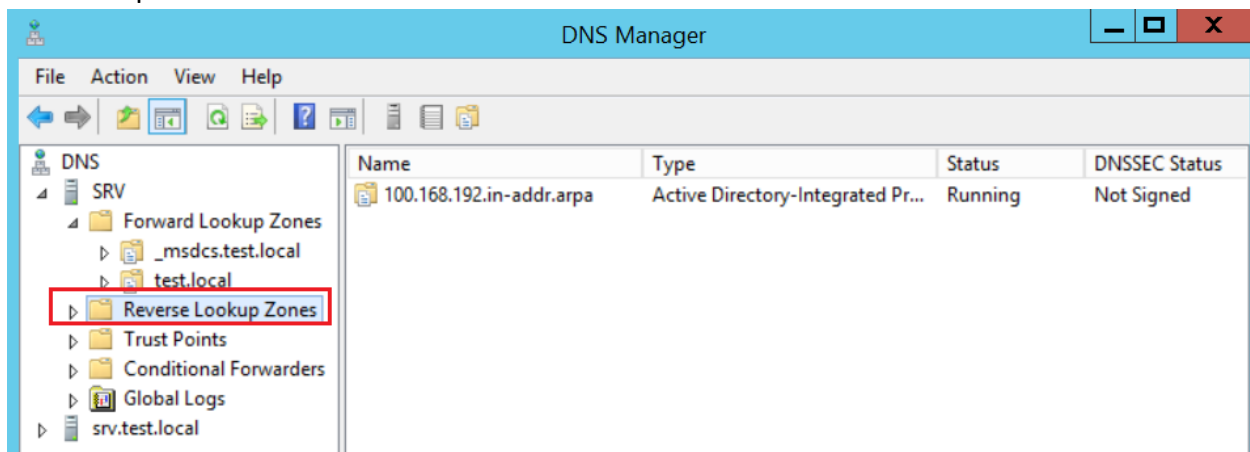# Configuring DNS in Server 2012:

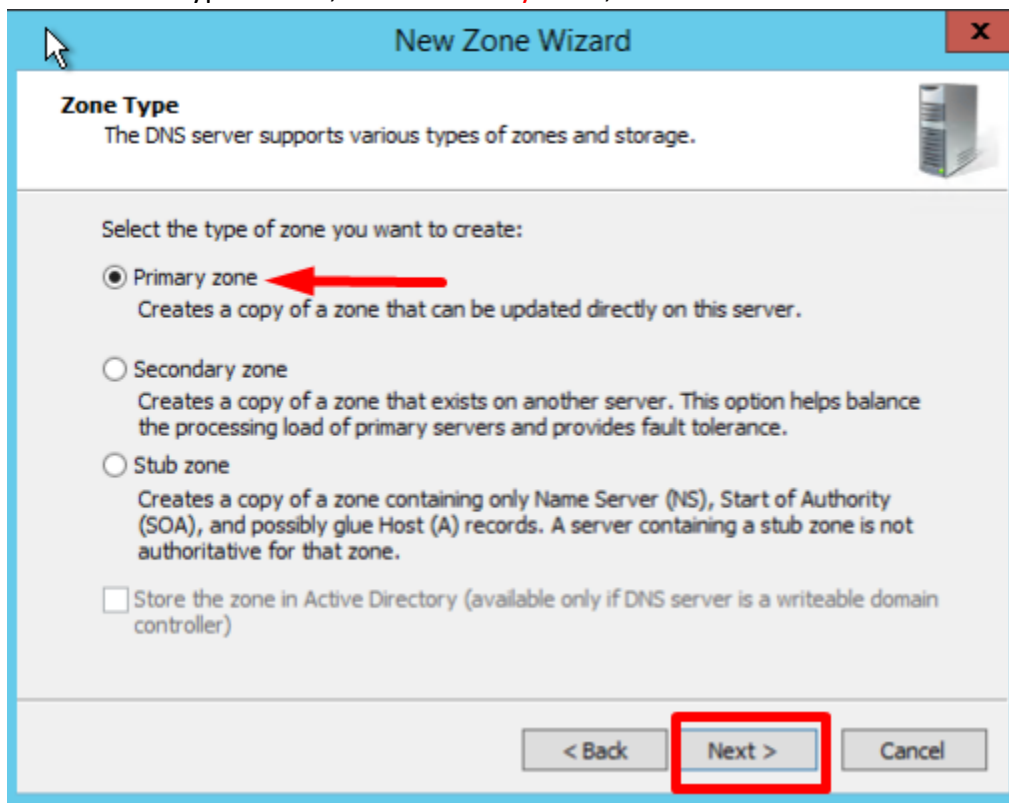Open the Server Manager from the task bar. Click on DNS/ Right Click your server / select DNS Manger.

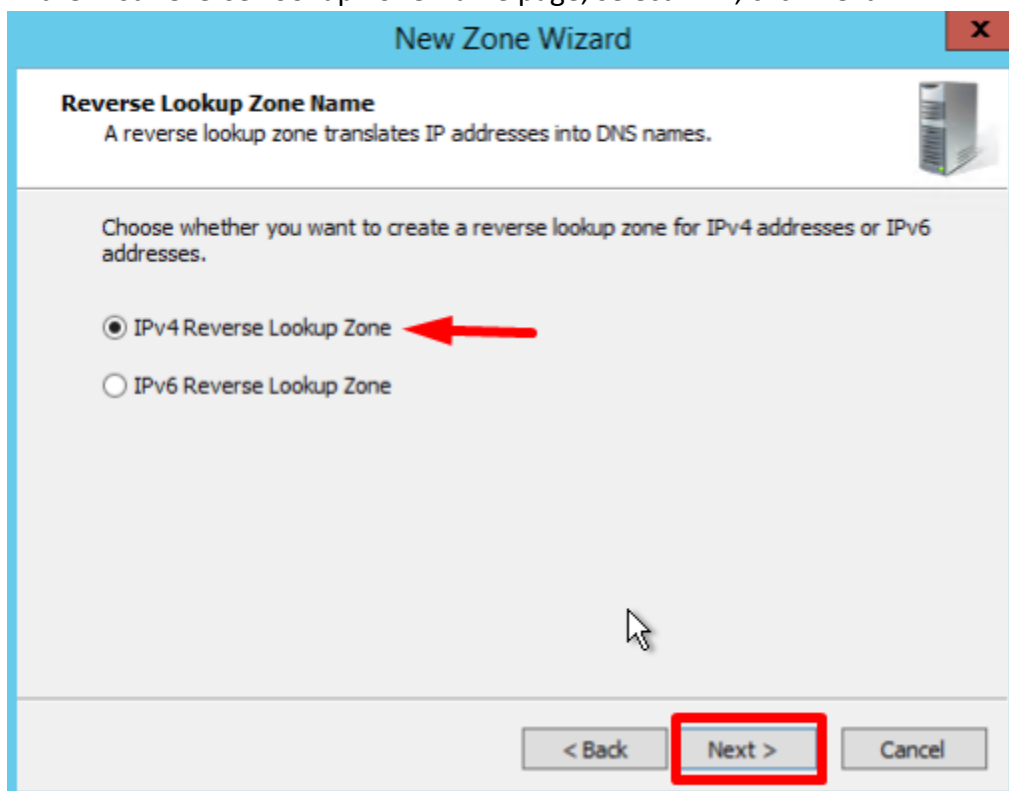Open the DNS Manager and right-click on the Reverse Lookup Zones folder, select New Zone. This will open the New Zone Wizard:
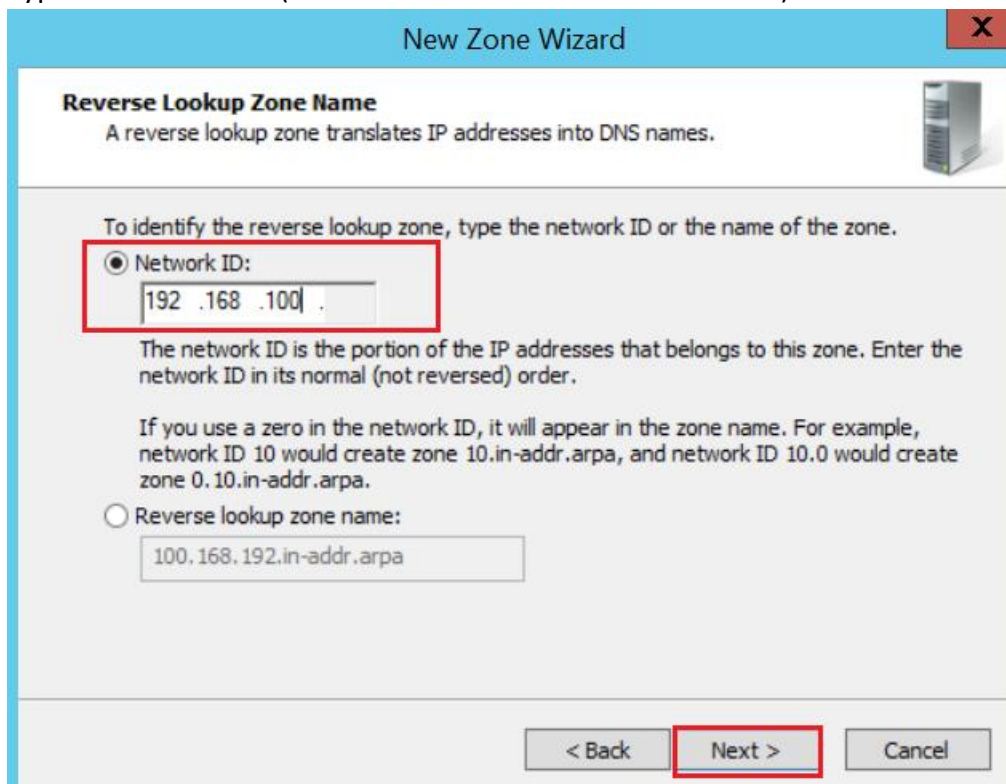
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On the Zone Type screen, Select Primary Zone, and click Next.

New Zone Wizard

Zone Type
The DNS server supports various types of zones and storage.

Select the type of zone you want to create:

◉ Primary zone ←
Creates a copy of a zone that can be updated directly on this server.

◯ Secondary zone
Creates a copy of a zone that exists on another server. This option helps balance the processing load of primary servers and provides fault tolerance.

◯ Stub zone
Creates a copy of a zone containing only Name Server (NS), Start of Authority (SOA), and possibly glue Host (A) records. A server containing a stub zone is not authoritative for that zone.

☐ Store the zone in Active Directory (available only if DNS server is a writeable domain controller)

[< Back] [Next >] [Cancel]

In the first Reverse Lookup Zone Name page, select IPv4, click Next:

New Zone Wizard

Reverse Lookup Zone Name
A reverse lookup zone translates IP addresses into DNS names.

Choose whether you want to create a reverse lookup zone for IPv4 addresses or IPv6 addresses.

◉ IPv4 Reverse Lookup Zone ←

◯ IPv6 Reverse Lookup Zone

[< Back] [Next >] [Cancel]

Type the network ID (the first three octets of the IP address) and click Next:

Choose Allow only secure dynamic updates and Click Next:

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Verify that the selected settings are correct, click Finish:
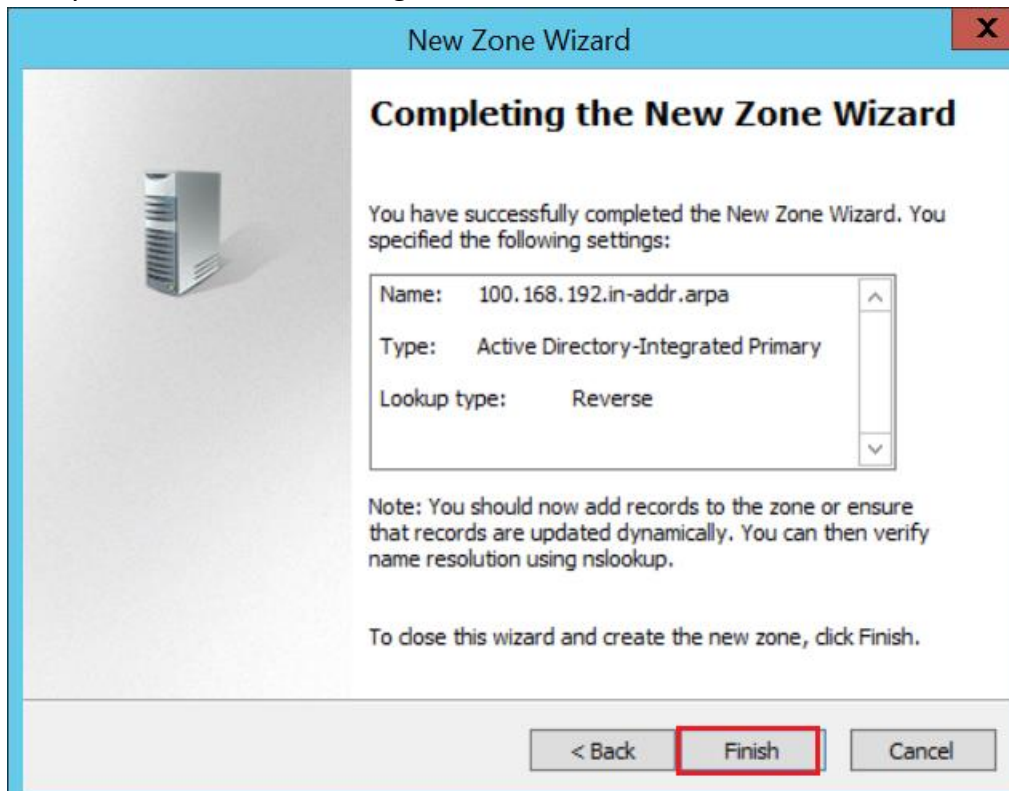
Open the command line (cmd) or PowerShell and run the nslookup command: It shows that the default DNS server is srv.test.local with the address 192.168.100.230.

Created by Ahmad Ali E-Mail: ahmadalimsc@gmail.com , Mobile: 056 430 3717
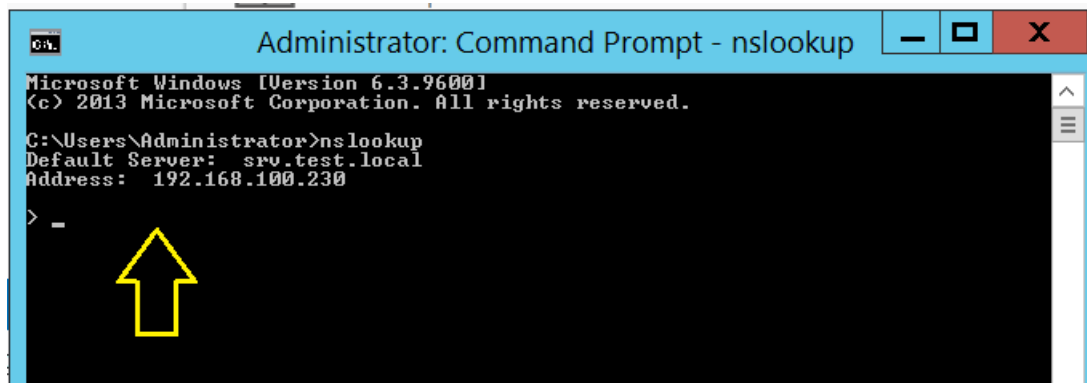
Add Host Record in DNS Server:

Right click on the zone name and select "New Host (A or AAAA). A new popup window as shown below will appear. In this popup window enter details. Enter the name of the host machine in the Name field. In this case the host machine name is "ise1". Notice that the Fully Qualif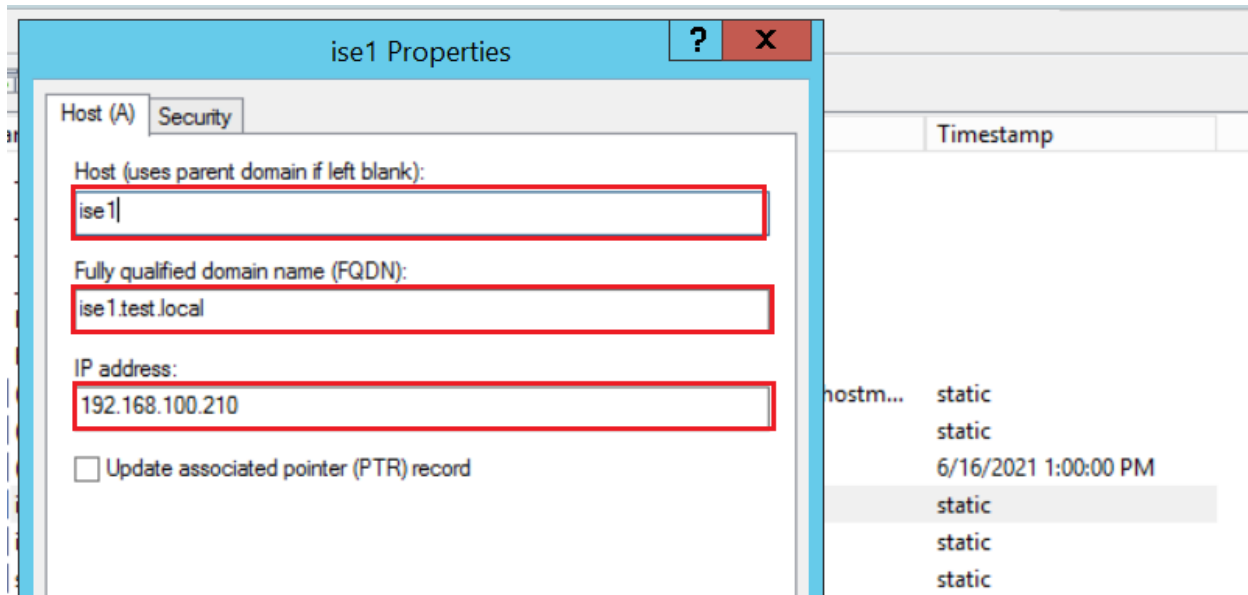ied Domain Name (FQDN) field is updated automatically as you fill in the name. Enter the full IP address of the host machine in the IP address field, in this case the IP address is "192.168.1000.210" choose to tick the option to Create associated pointer (PTR) record.

Enter the name of the host machine in the Name field. In this case the host machine name is "ise2". Notice that the Fully Qualified Domain Name (FQDN) field is updated automatically as you fill in the name. Enter the full IP address of the host machine in the IP address field, in this case the IP address is "192.168.1000.220" choose to tick the option to Create associated pointer (PTR) record.