

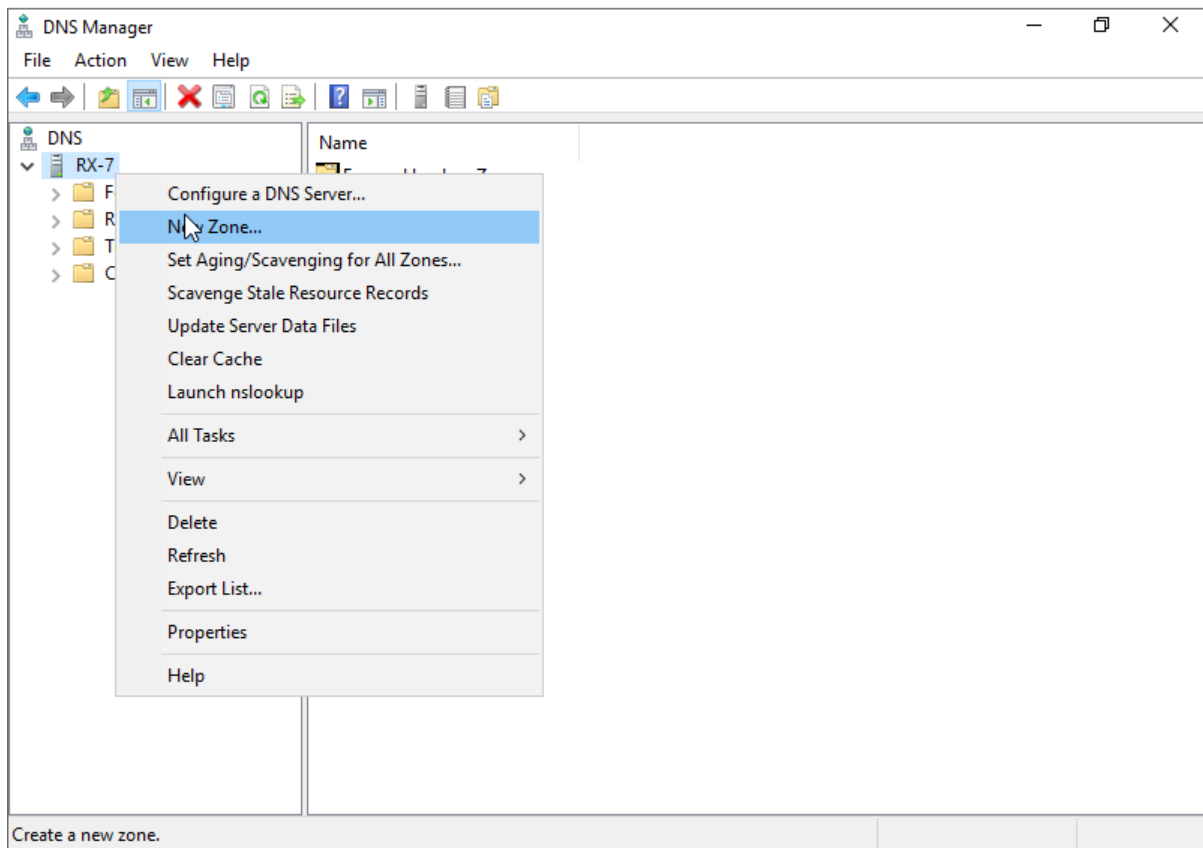
Configuring DNS Server:

Ok, lets install a DNS server

Let's add a forward lookup zone (wait, what is that? 🤔)

Run Server Manager and select **Tools**, select **[DNS]**

Select own Hostname on the left pane and right-click the own Hostname to show menu on the left pane, then select [New Zone...].



Click Next, Next (Primary zone), Next (Forward lookup zone)

Input Zone name. As the description on the screen-shot below, set domain name or portion of domain name for this zone name. Remember the zone name is not the name of the DNS server. Click Next.

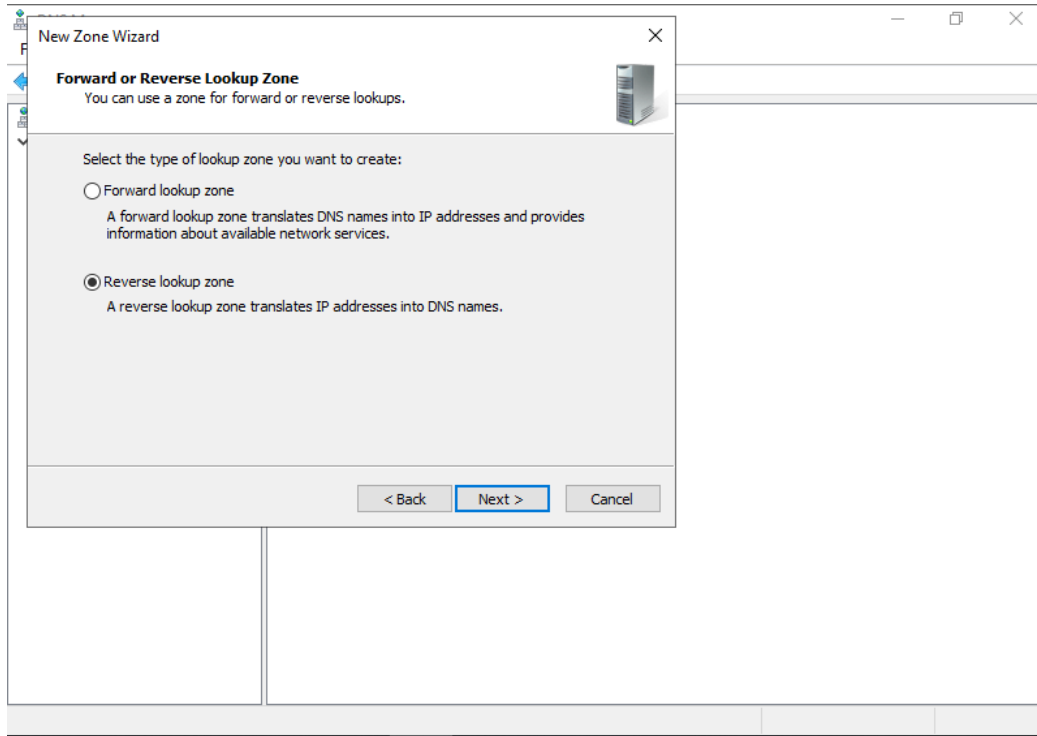
Set zone-file-name and click [Next] button. It's OK to keep default for zone-file-name.

Click Next button keeping the default checked box.

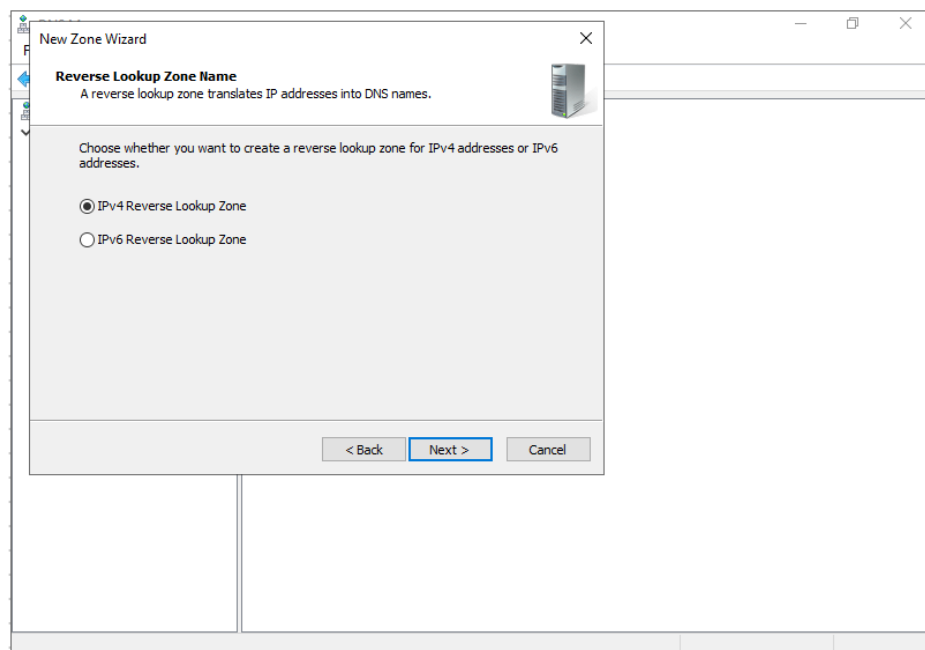
Click Finish

Yessssss! 😊 A new zone has been created under the Forward lookup Zone.

Add a reverse lookup zone – repeat the same steps above instead choose Reverse Lookup zone on this stage:



Configure IPv4 zone, check a box **IPv4 Reverse lookup Zone** and click **Next** button



Enter your **Network ID**

The screenshot shows a Windows-style dialog box titled "New Zone Wizard". The current step is "Reverse Lookup Zone Name", with a sub-header "Reverse Lookup Zone Name" and a description: "A reverse lookup zone translates IP addresses into DNS names." Below this, there is a text box for "Network ID" containing "10.0.0.". A note explains: "To identify the reverse lookup zone, type the network ID or the name of the zone." and "The network ID is the portion of the IP addresses that belongs to this zone. Enter the network ID in its normal (not reversed) order." Another note states: "If you use a zero in the network ID, it will appear in the zone name. For example, network ID 10 would create zone 10.in-addr.arpa, and network ID 10.0 would create zone 0.10.in-addr.arpa." There are two radio buttons: "Network ID:" (selected) and "Reverse lookup zone name:". Below the second radio button is a text box containing "0.0.10.in-addr.arpa". At the bottom right are three buttons: "< Back", "Next >", and "Cancel".

New Zone Wizard

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

To identify the reverse lookup zone, type the network ID or the name of the zone.

☒ Network ID:
10 .0 .0 .

The network ID is the portion of the IP addresses that belongs to this zone. Enter the network ID in its normal (not reversed) order.

If you use a zero in the network ID, it will appear in the zone name. For example, network ID 10 would create zone 10.in-addr.arpa, and network ID 10.0 would create zone 0.10.in-addr.arpa.

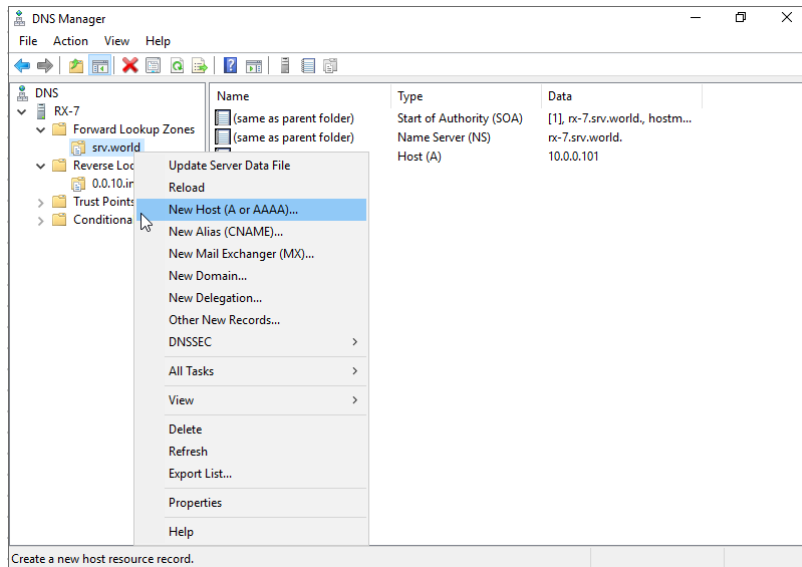
☐ Reverse lookup zone name:
0.0.10.in-addr.arpa

< Back Next > Cancel

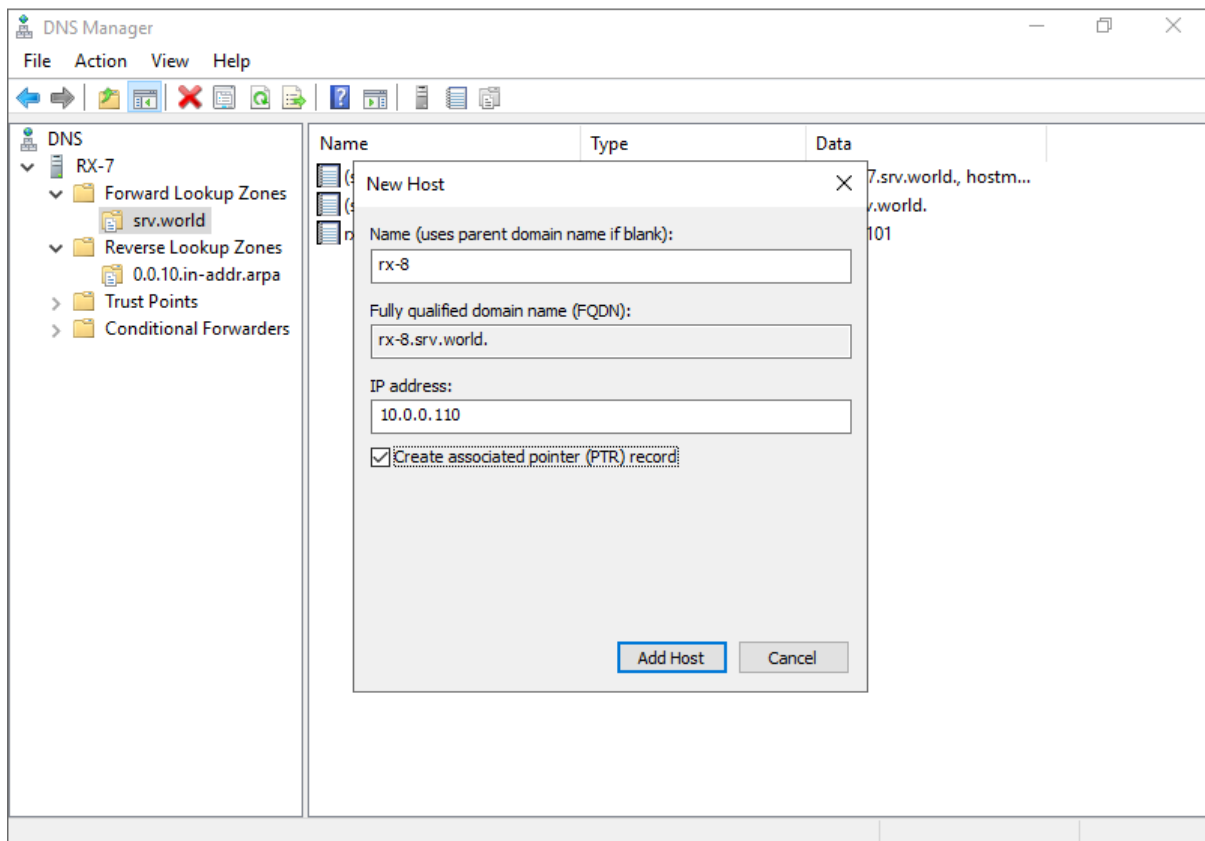
Set zone-file-name and click Next button. It's OK to keep default for zone-file-name. Click Next, Finish

Add A/PTR record

Right-click the own domain name to show menu on the left pane, then select [New Host(A or AAAA)...].



Enter Hostname and IP address you'd like to add



Challenge: Connect your wordpress site to use the domain name you just created and try to use it instead of using the IP address.

Its not working? You want a hint? 🙄

Hint: Just troubleshoot homeboy/girl 🤔🤔🤔