

How to install DNS Server on Windows Server 2019

From Microsoft, the Domain Name System (DNS) is one of the industry standard protocol sets that includes TCP / IP, along with DNS Client and DNS Server that provide name resolution services that map names to the IP addresses of computers. .

In today's article, **TipsMake** will explain how to install DNS Server on Windows Server 2019 and then perform other additional configuration. Before proceeding, make sure that you have configured a static IP address on your server.

Install DNS Server on Windows Server 2019

Configure DNS Server to provide hostname resolution or IP address!

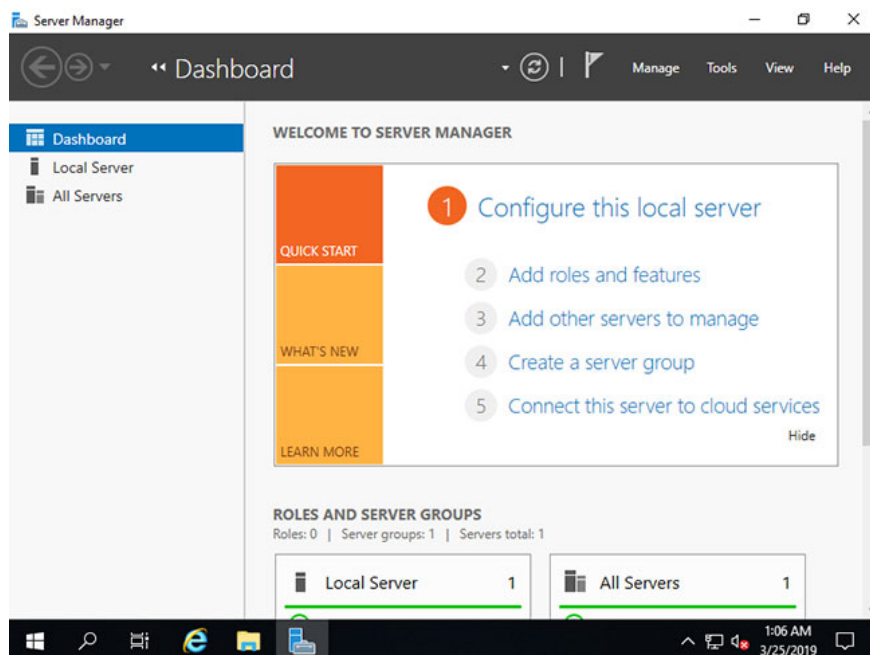
On the CUI settings, set up as follows:

Step 1. Run PowerShell as admin and enter the following code to install DNS Server.

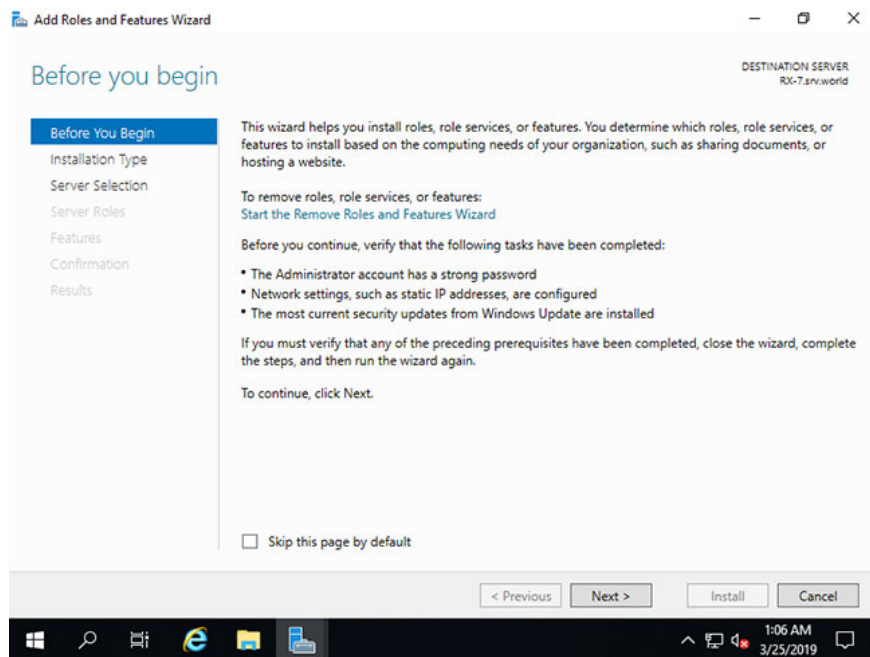
```
Windows PowerShell Copyright (C) Microsoft Corporation. All rights reserved. # i
```

On the GUI settings, set up as follows:

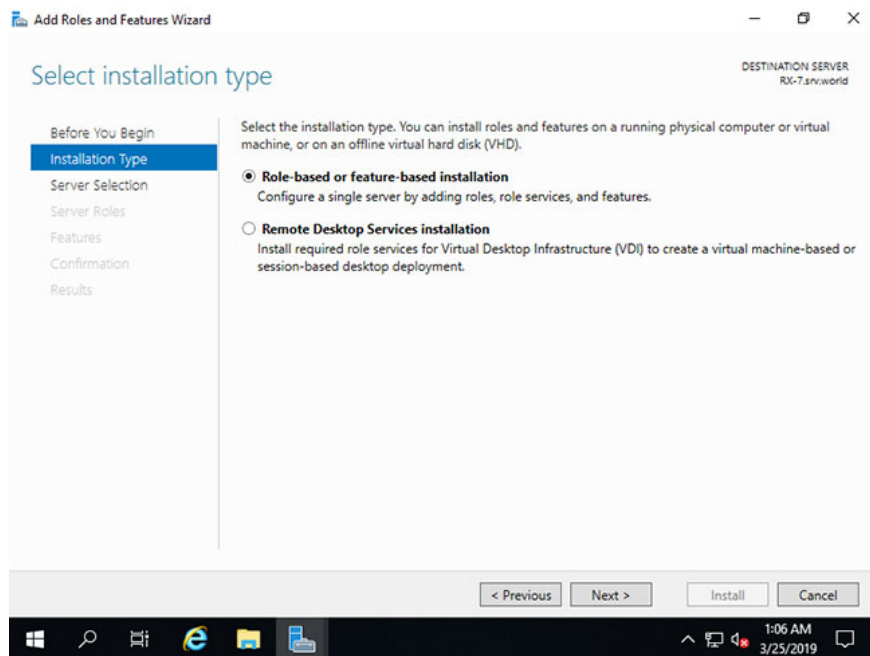
Step 2. Run **Server Manager** and click **Add roles and features** .



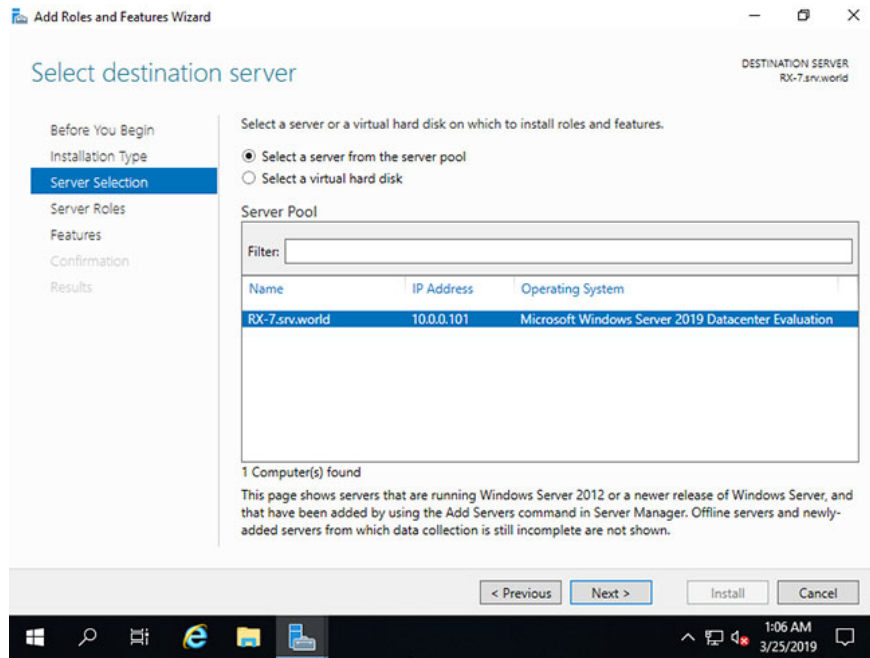
Step 3. Click the **Next** button .



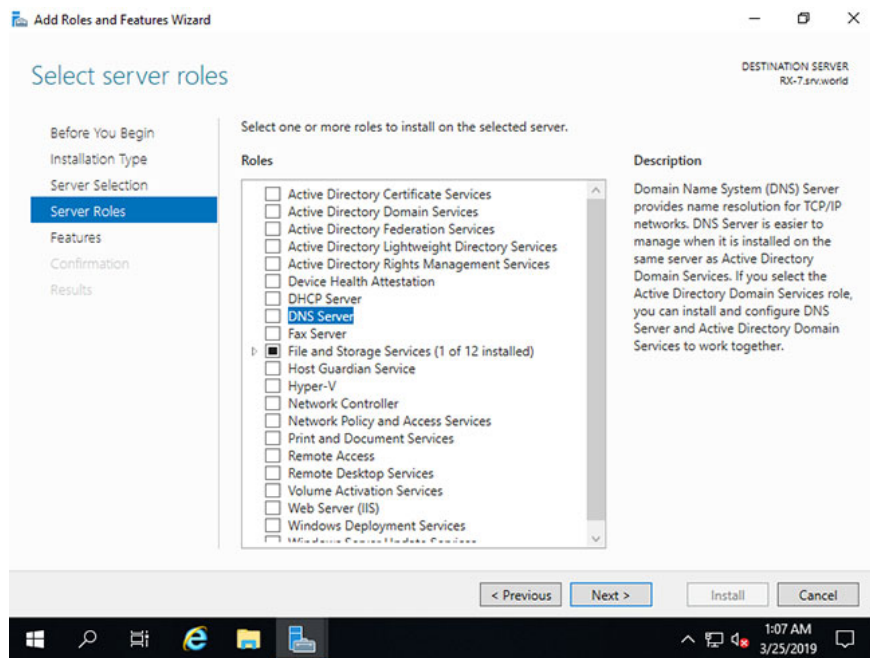
Step 4. Select **Role-based or feature-based installation** .



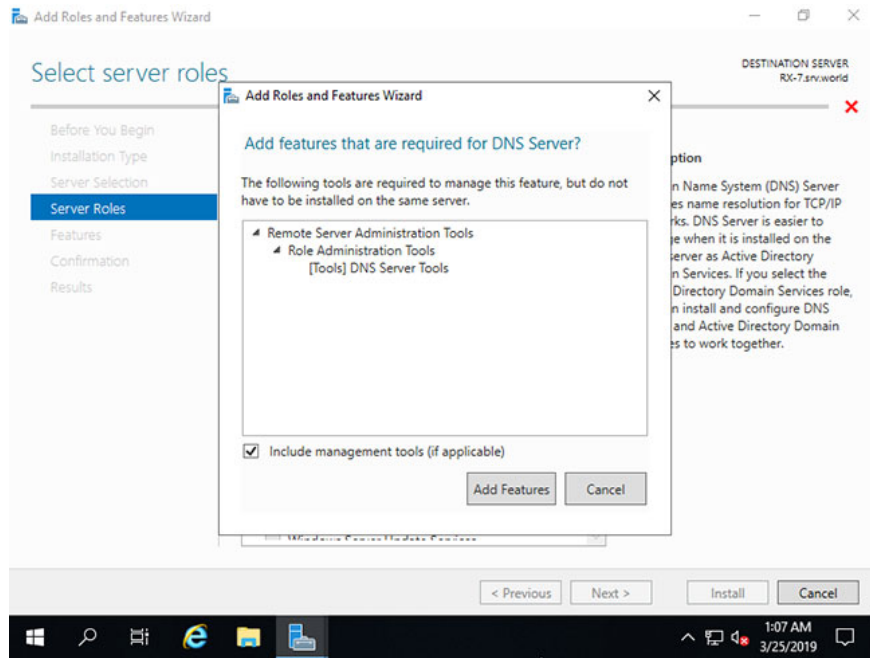
Step 5. Select a Host for which you want to add services.



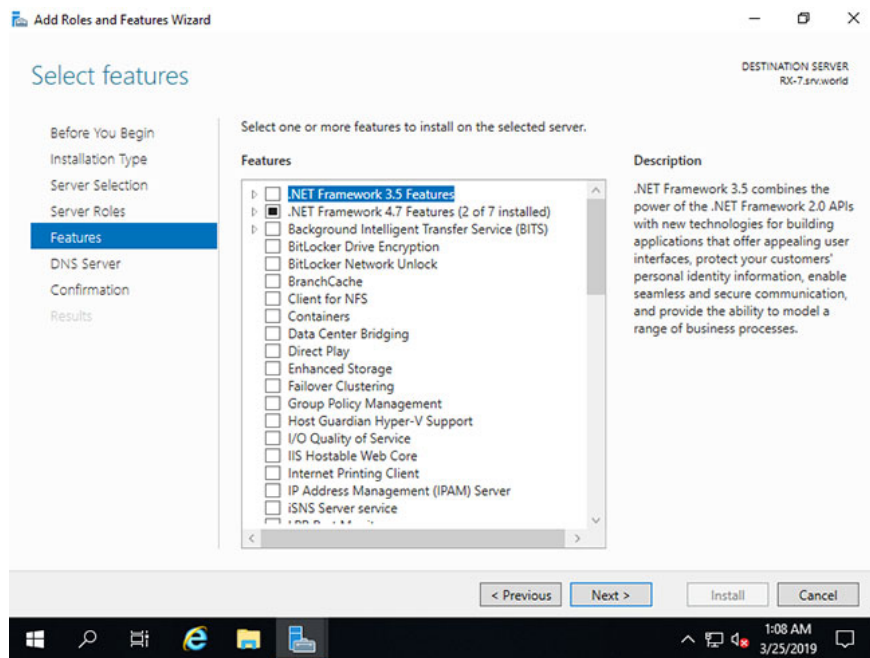
Step 6. Check the box **DNS Server** .



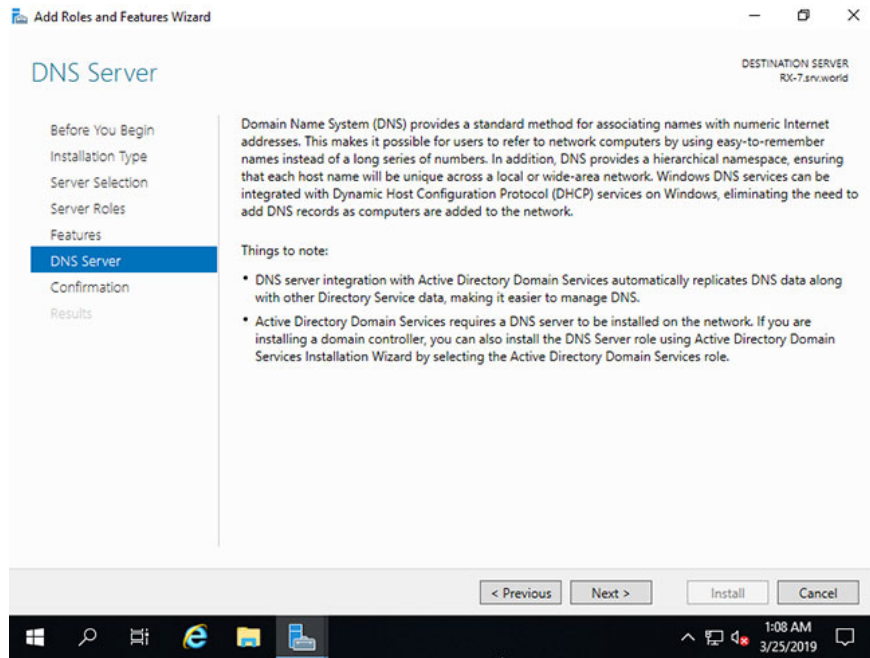
Step 7. Additional features required to add DNS Server. Click the **Add Features** button and then click **Next** .



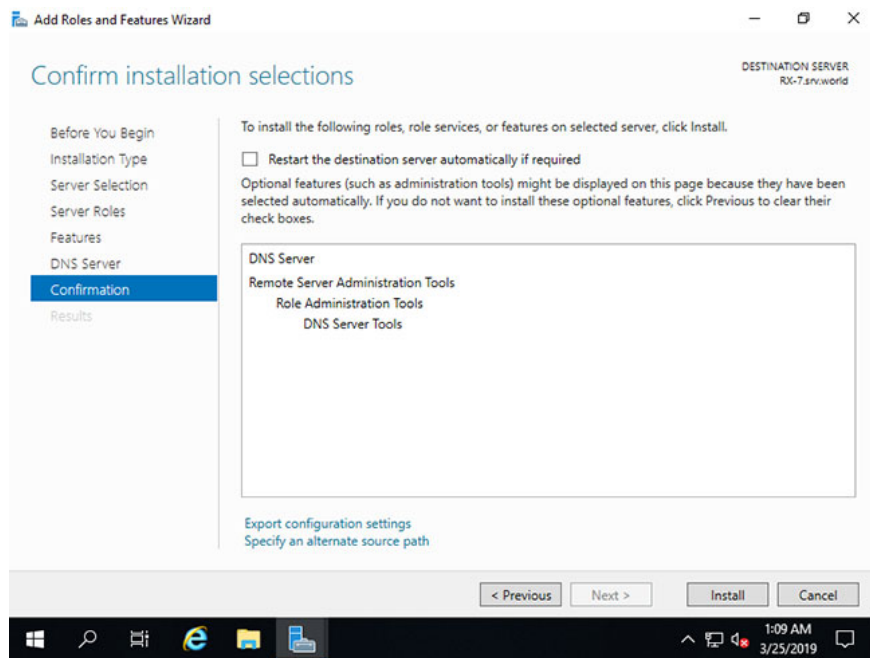
Step 8. Click the **Next** button .



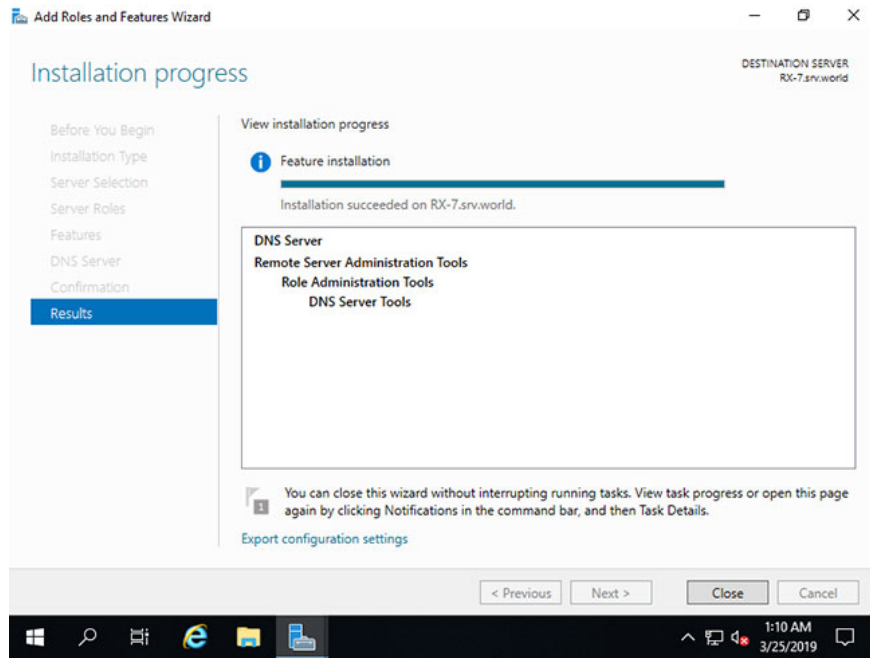
Step 9. Click the **Next** button .



Step 10. Click the **Install** button .



Step 11. After finishing the installation process, click the **Close** button .



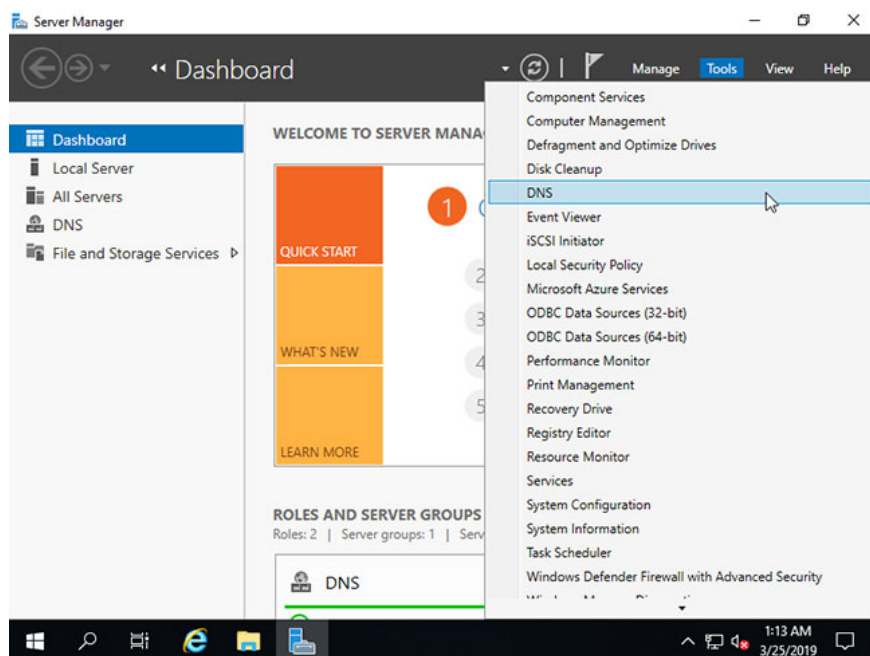
Add the Forward Lookup Zone to the DNS Server

Step 1. Run Powershell as administrator and configure it as follows.

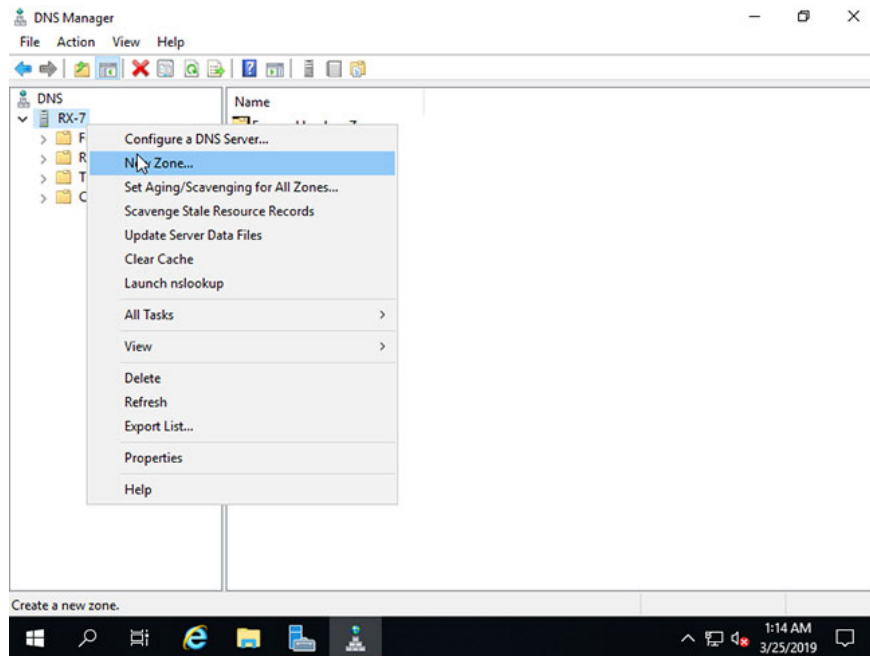
The following example adds a Forward Lookup Zone with the Zone-Name setting "**srv.world**", Zone-File "**srv.world.dns**". In general, give your domain name or part of your domain name to Zone-Name.

```
Windows PowerShell Copyright (C) Microsoft Corporation. All rights reserved. PS C:\>
```

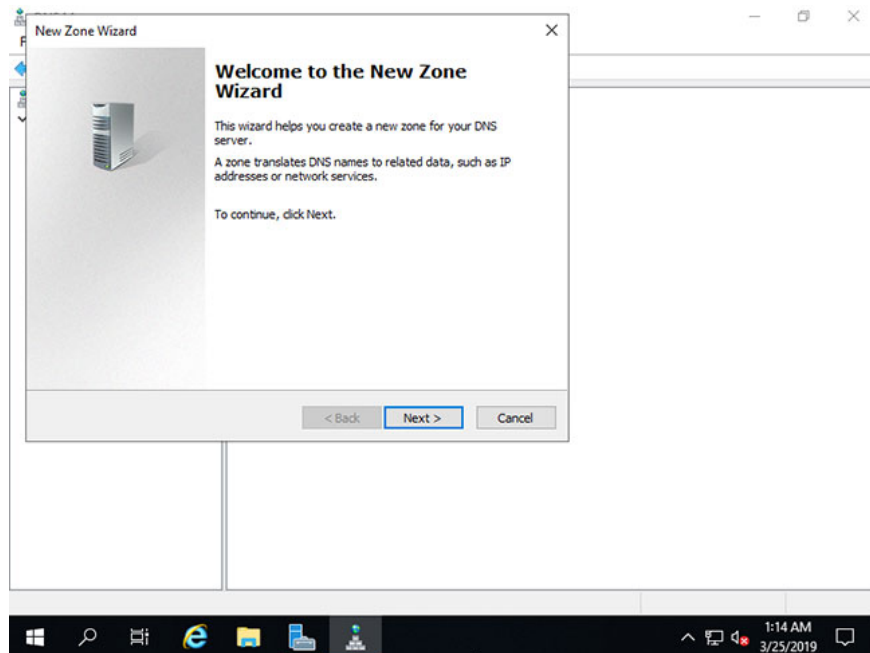
Step 2. Run **Server Manager** and select **Tools > DNS**.



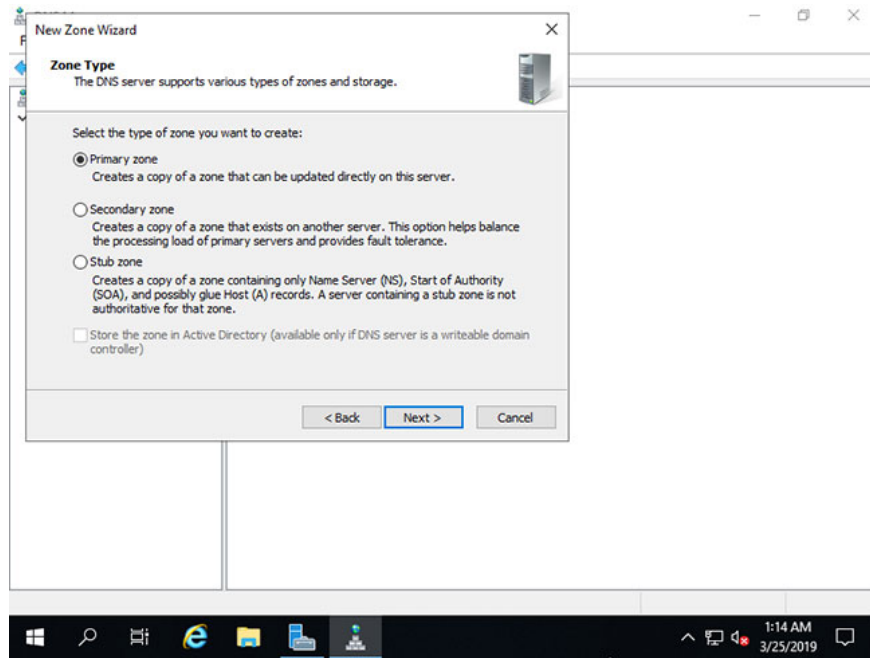
Step 3. Select Hostname in the left panel and right click on Hostname to bring up the menu and select **New Zone**



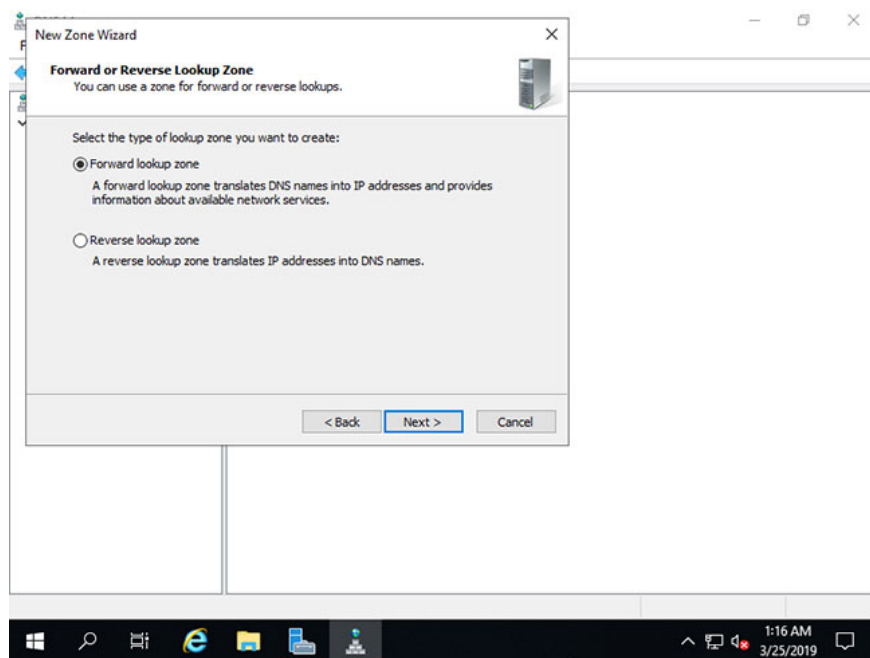
Step 4. Click the **Next** button .



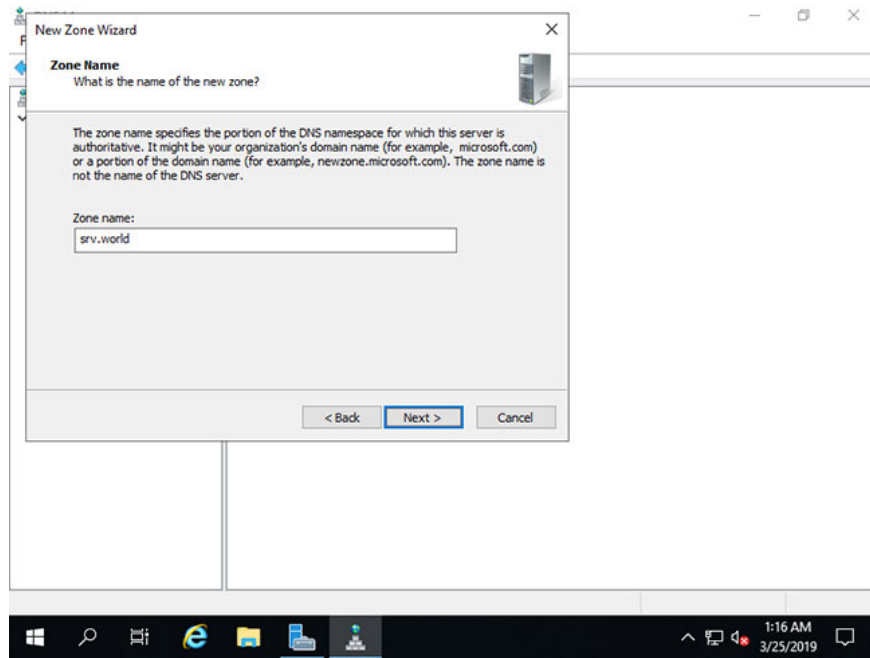
Step 5. Check the **Primary zone** box and click the **Next** button .



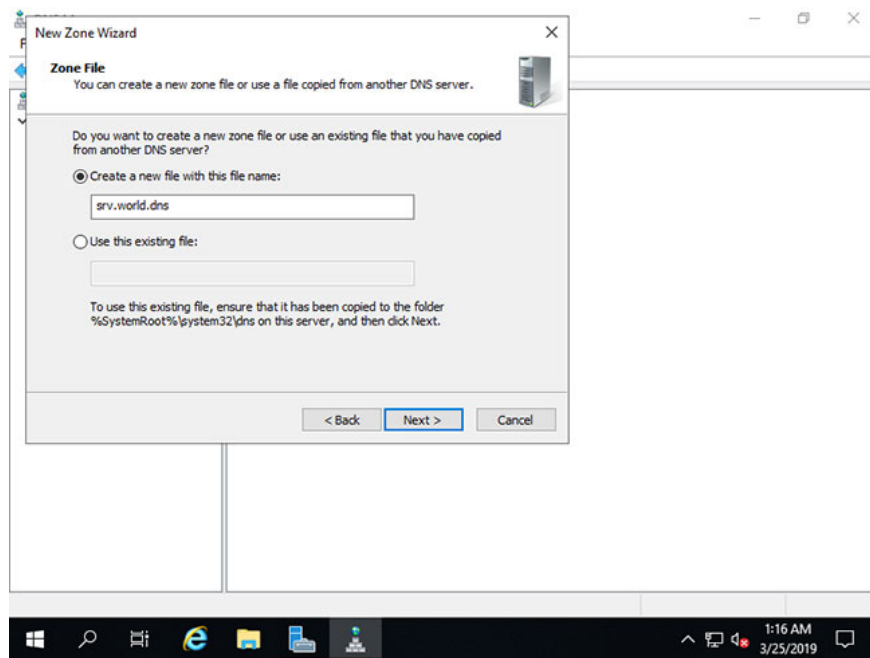
Step 6. Check the **Forward Lookup Zone** box and click the **Next** button .



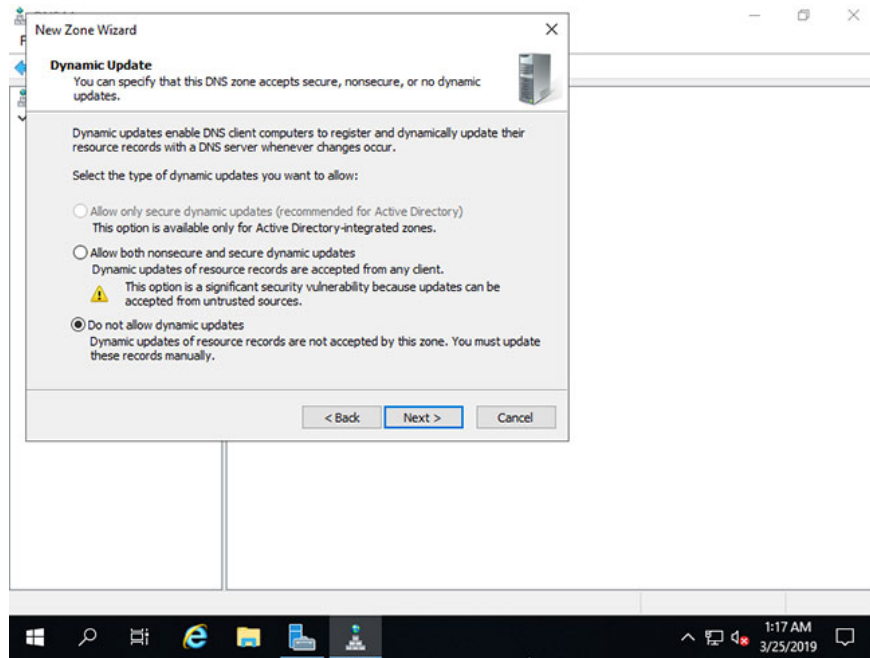
Step 7. Enter a name in the **Zone name field** . As described on the screenshot below, please give the domain name or part of the domain name to this Zone name.



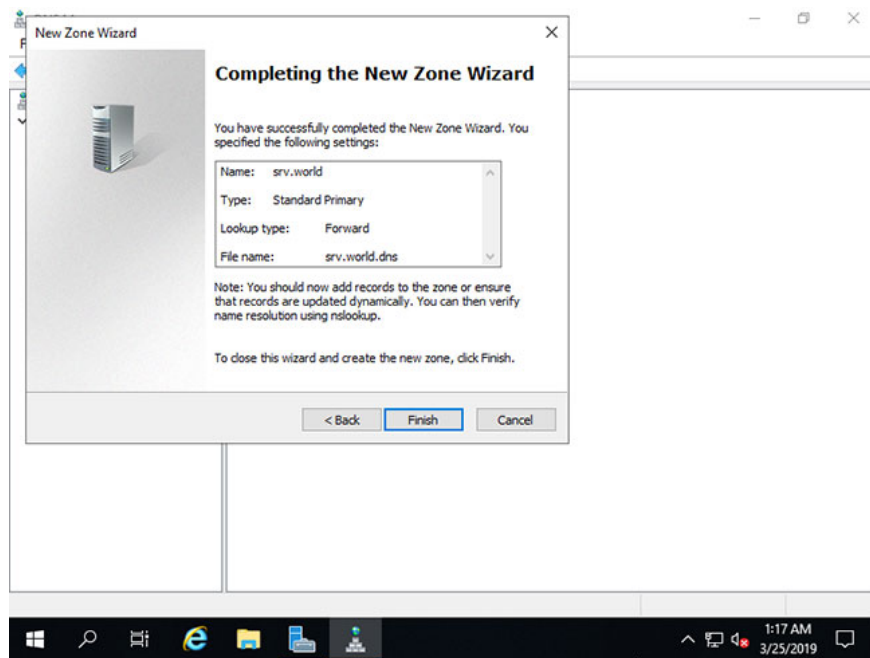
Step 8. Set zone-file-name and click **Next** button . You can keep the default name for zone-file-name.



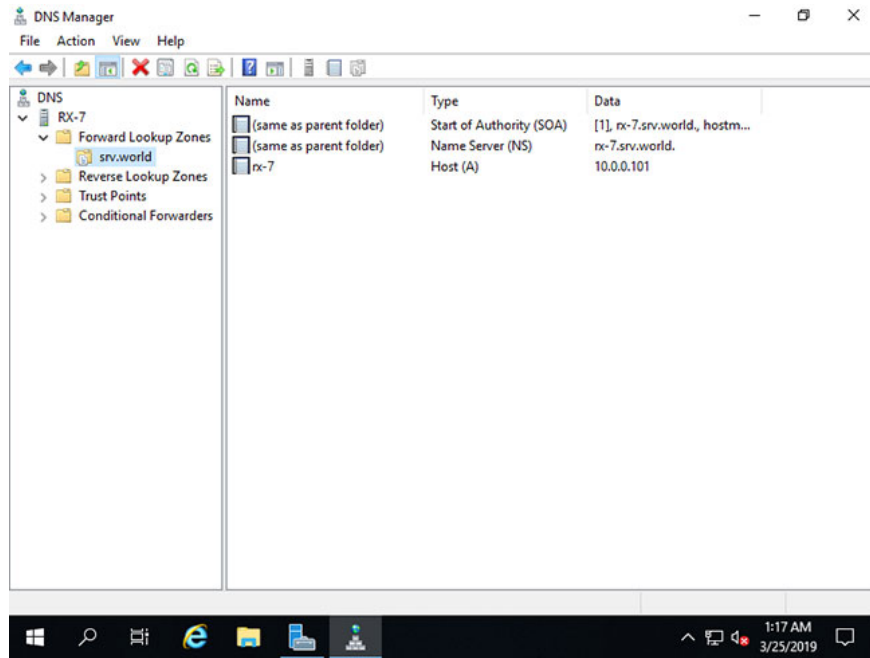
Step 9. Click the **Next** button and keep the default options.



Step 10. Click the **Finish** button .



Step 11. A new zone has been created in the Forward Lookup Zone.



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