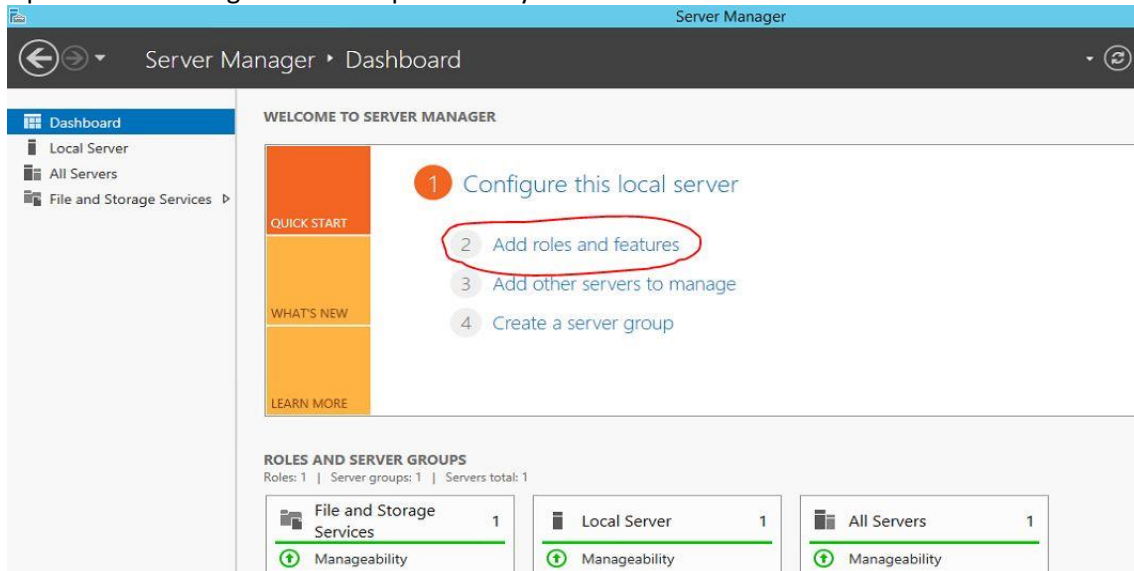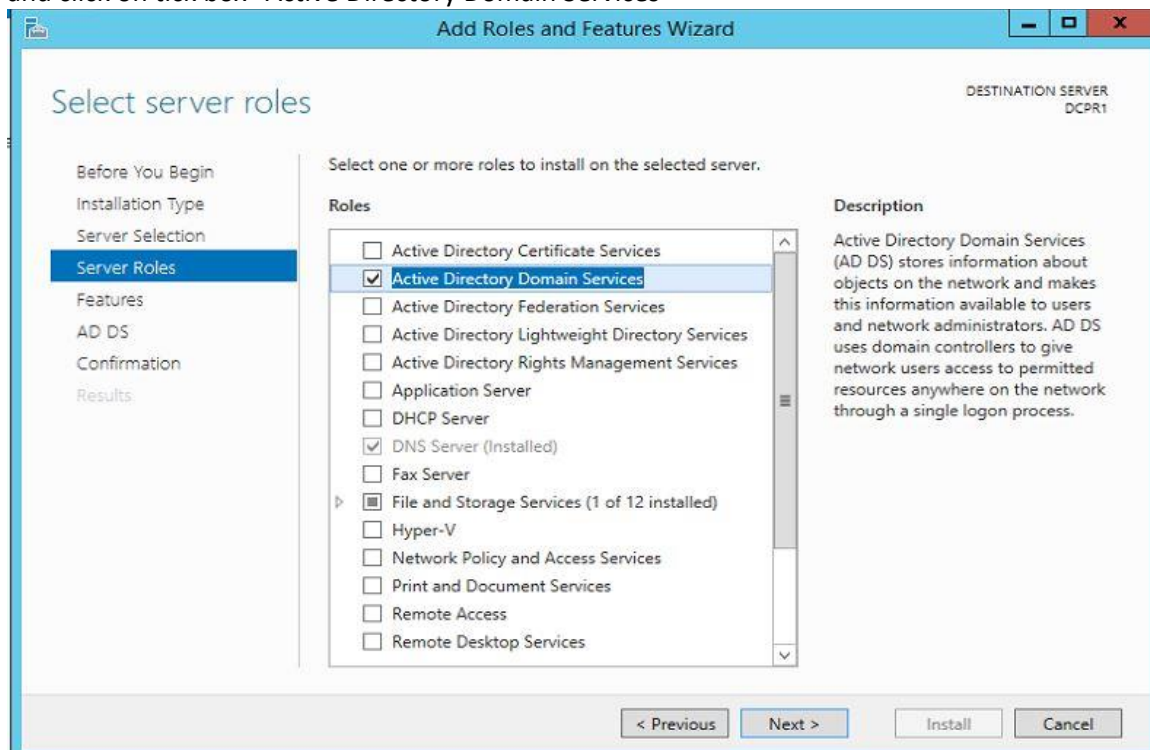## Configuring Active Directory:

Note: Google is your Friend!!!!

Open server manager if its not open already and click on "Add roles and features.


It will load the "Add roles and features" wizard. click next > > > till you get to Select server roles... select and click on tick box "Active Directory Domain Services"

Then it will prompt window to indicate the additional feature installations related to selected role. click on "Add Features" to continue.
Next, it will give option to select additional feature to install but we will keep the default selection. click next to install……
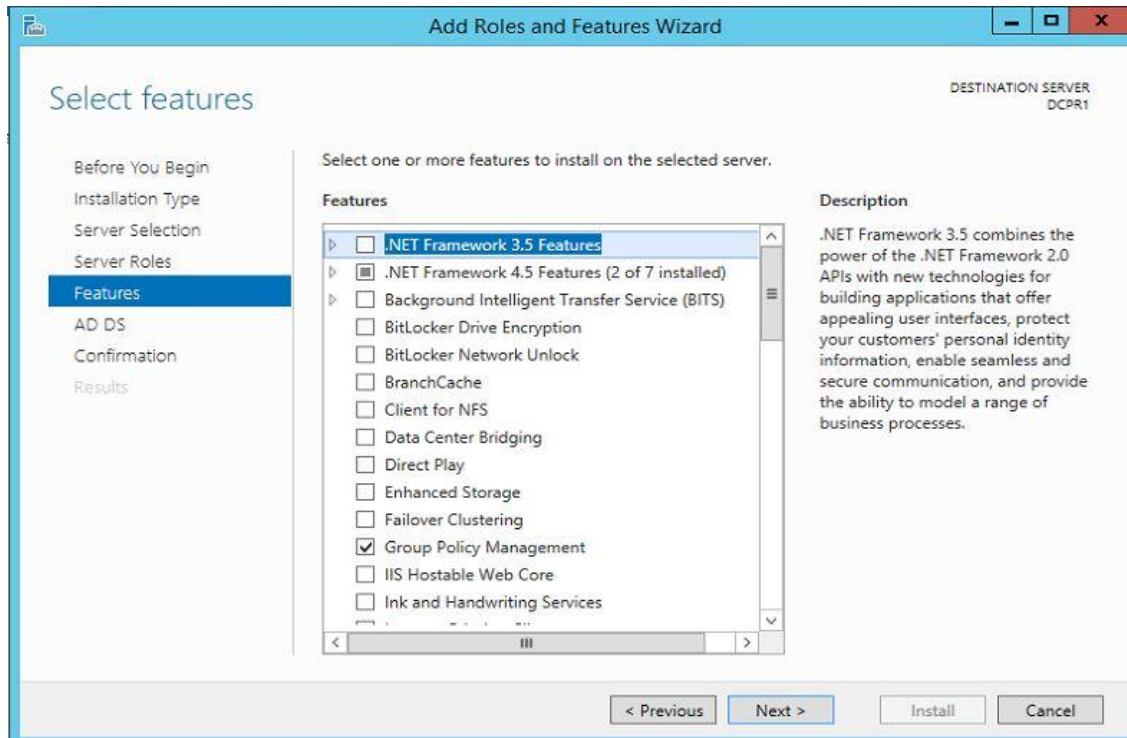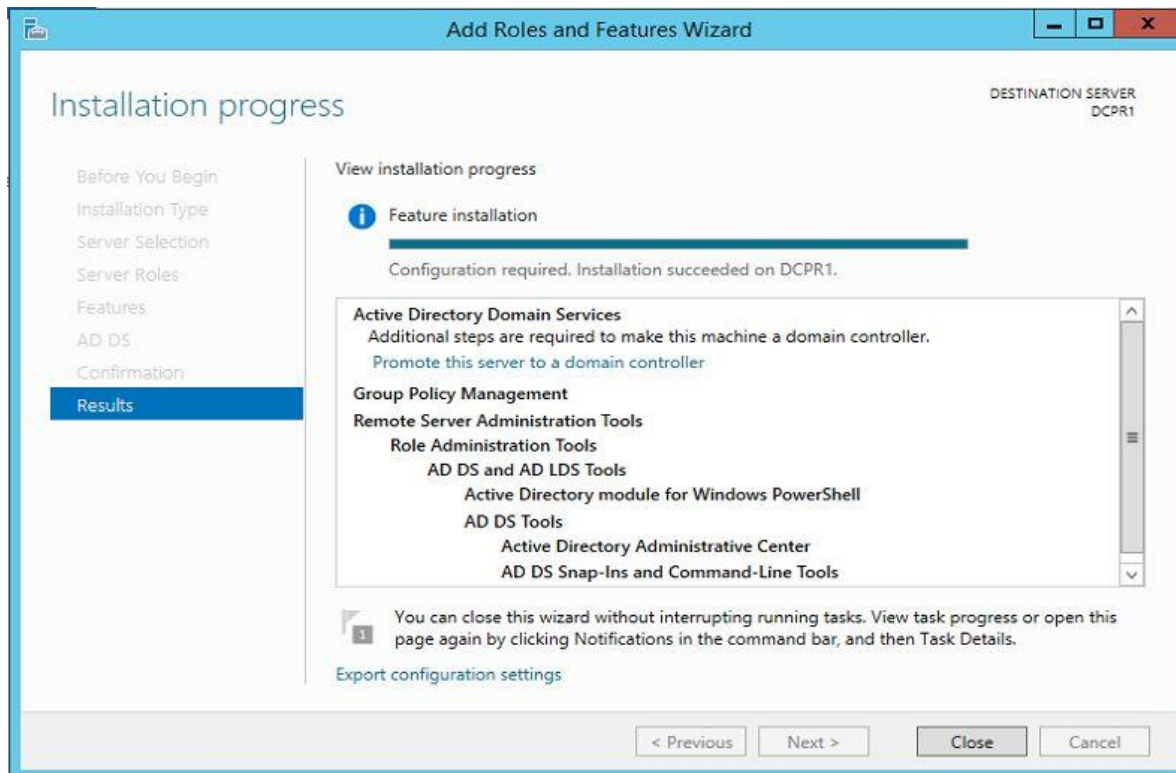

And Next again….
In next window it gives brief about the installation. click on "install" to start the installation.
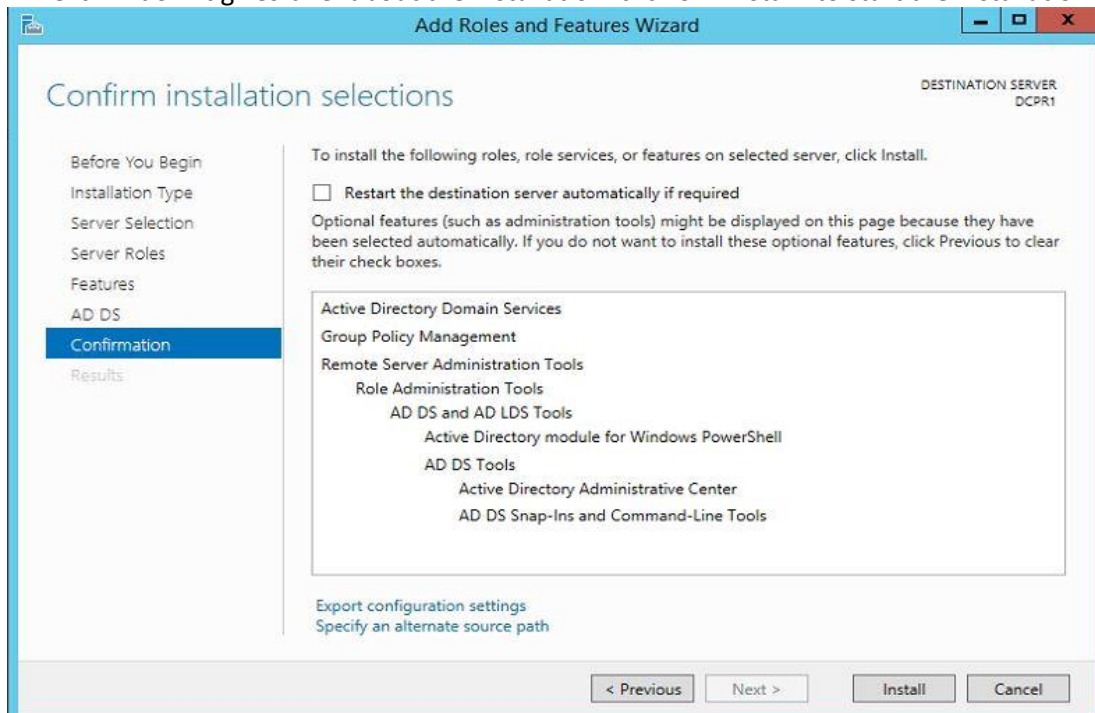
When finishes click on "close" to exit from the wizard. then next step is to reboot the server to complete the installation.
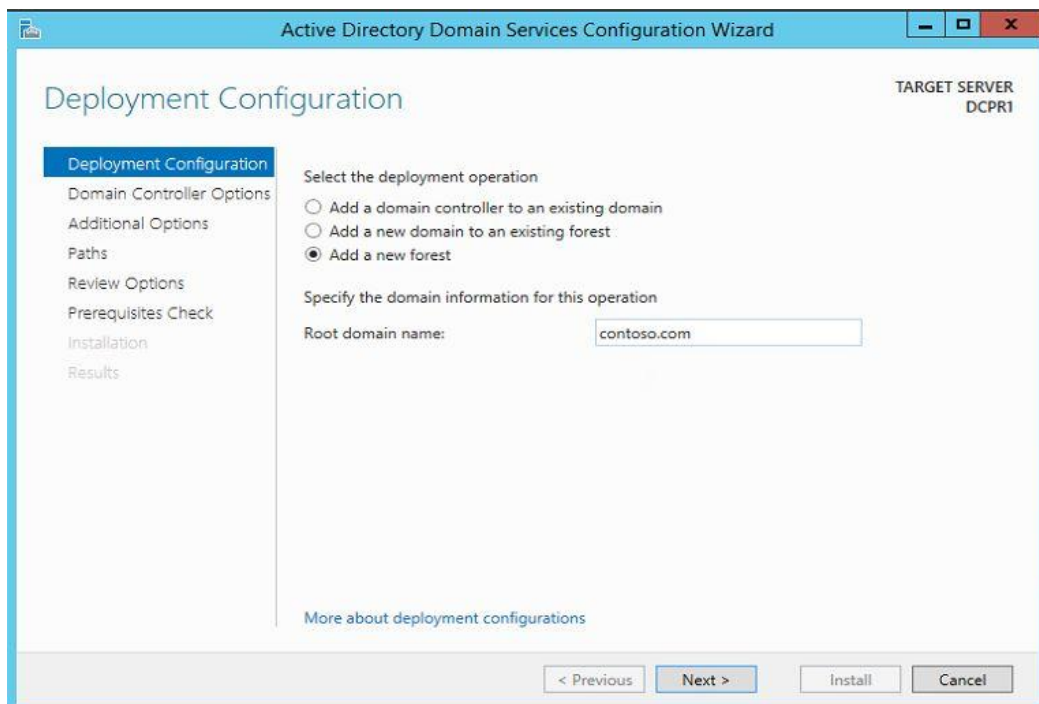

ON TO THE NEXT!!!!!!!!!

We now need to setup our AD DC (Active directory domain controller). to start that click Task flag on right hand corner. then it will list option as below picture. click on "promote this server to a domain controller" option (highlighted with yellow in picture)
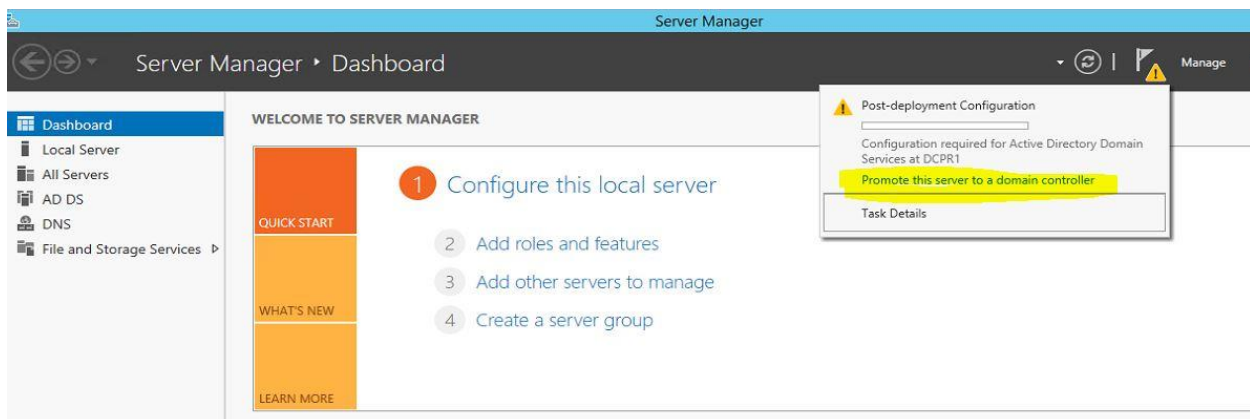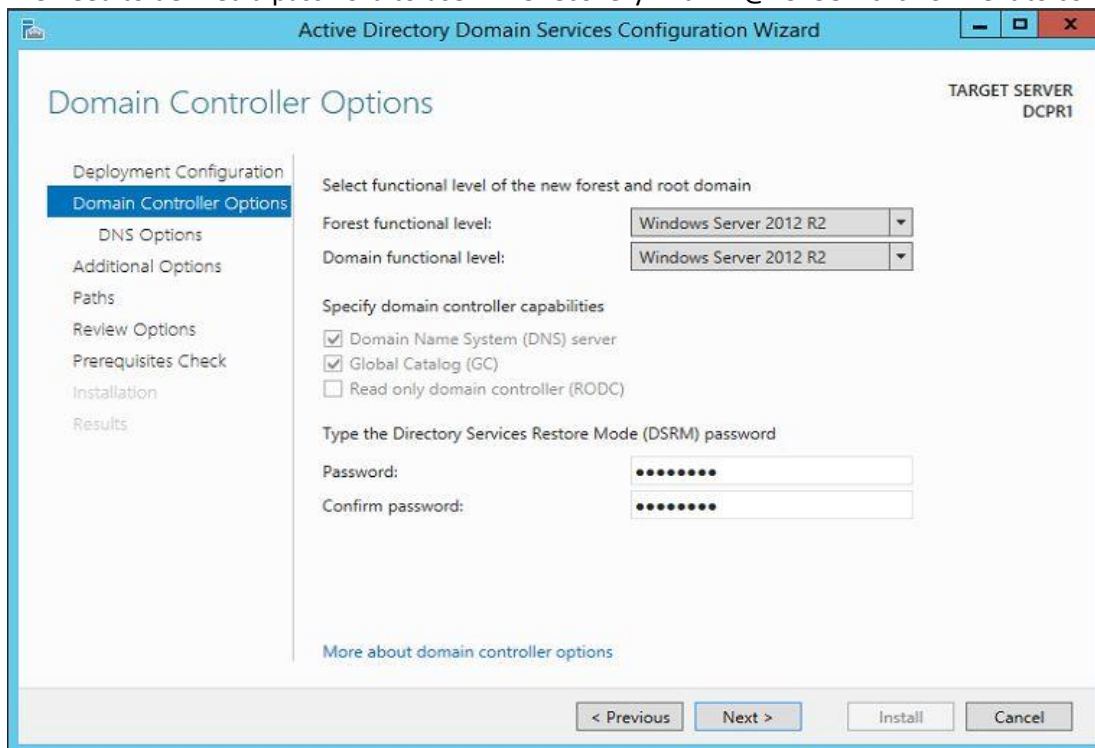
On the first window since it's going to be new forest **(WHAT IS A FOREST**?) we have selected option "Add a new forest" and We type our domain name "cyber.local" which we will be using on the forest. Then click on "next" to continue.

We need to defined a password to use in DC recovery "Admin@43298". click on next to continue.

Next window it will give following error but it can be ignored. click on next to continue.

Next window it asks for the NetBIOS name **(What is NetBios name?).** we can keep it default and we move!!!! Until we get to the wizard below and Click install
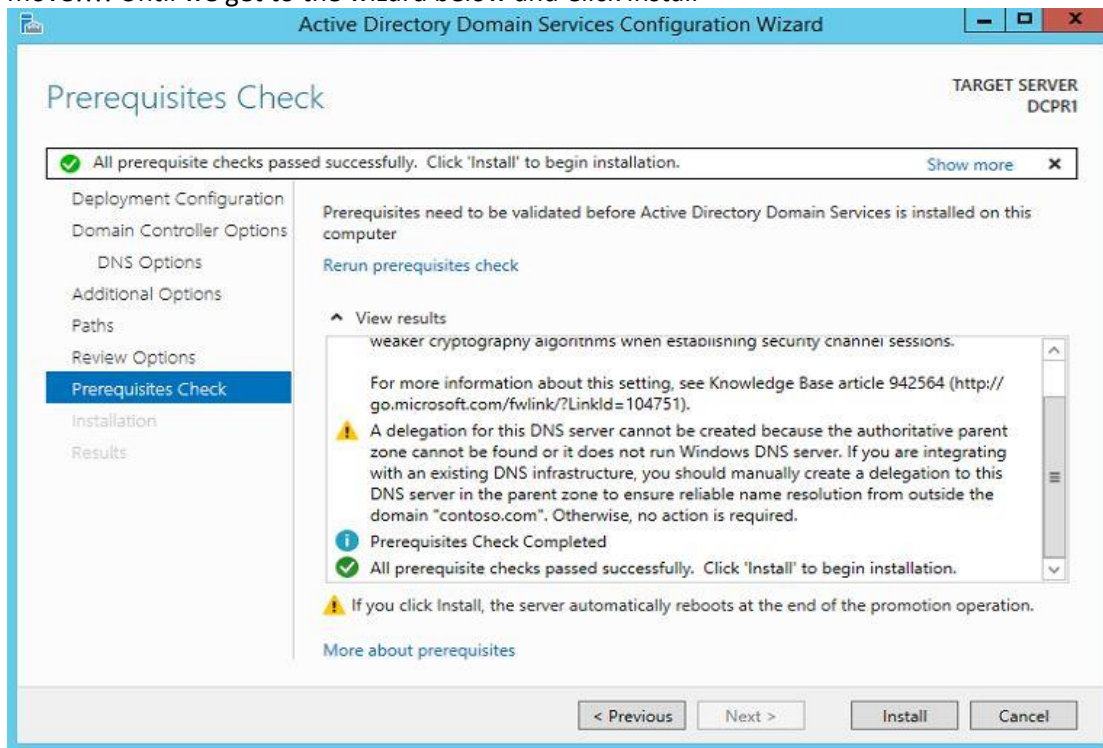
Once its complete the install it will automatically reboot the server.

Now you have successfully completed with the DC setup on the server !!!

Challenge: Join our first computer to the domain cyber.local

Learning resources:

- https://www.youtube.com/watch?v=GfqsFtmJQg0&ab_channel=ServerAcademy
- https://www.youtube.com/watch?v=6Lsv4N1hGnM&feature=youtu.be&ab_channel=RobertMcMillen
- https://www.server-world.info/en/
- https://youtu.be/IFwek_OuYZ8