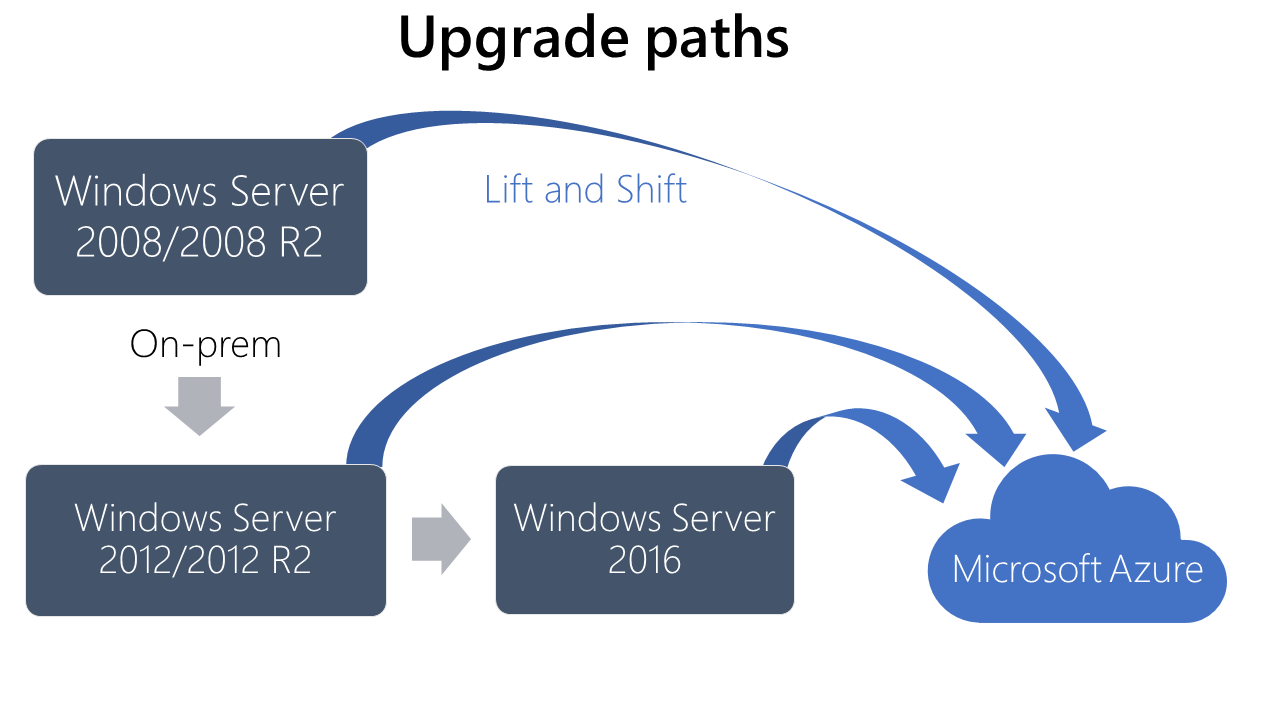


**Norton University**

6/22/2019



YEAR: 2018-2019

Group Number 4in1

MEMBER: ID:

1. Hong Menghort B20160921
2. Mong Kimhor B20161582
3. Pros Chign B20162511
4. Touch Theara B20162872

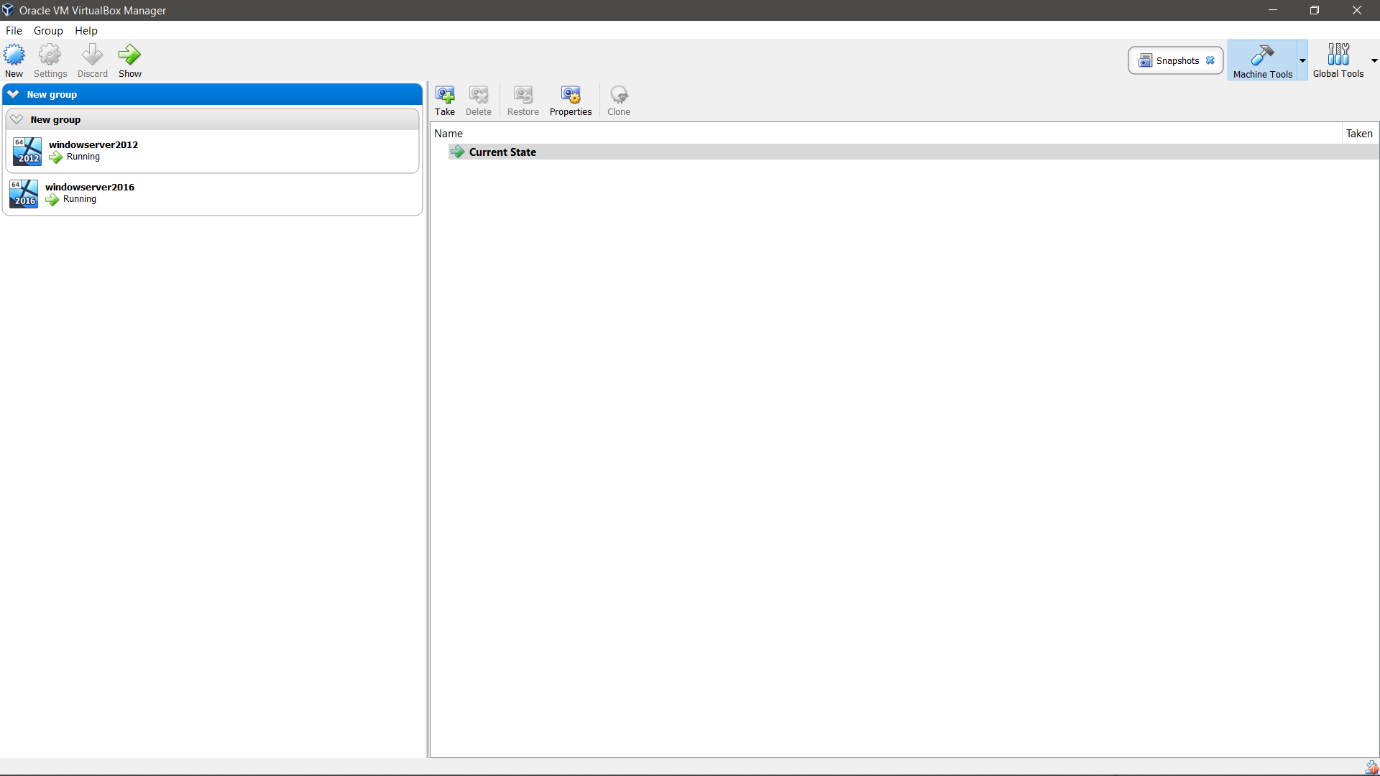
Migration 2012 to 2016

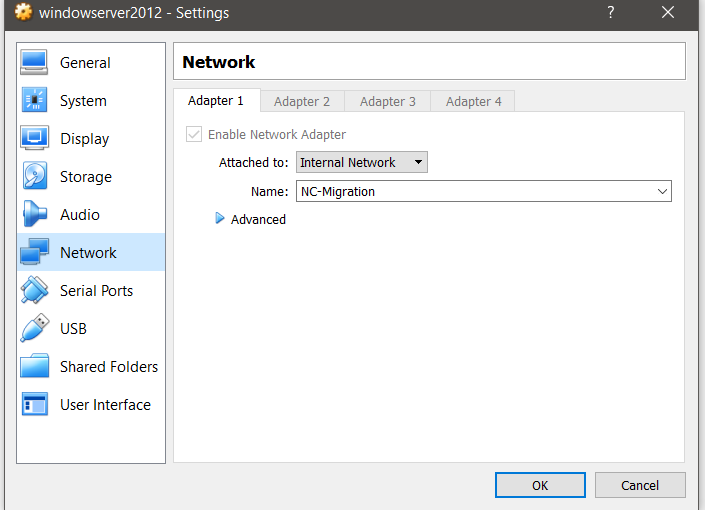
Subject: Computer Network II

Lecturer: Chinn Veasna

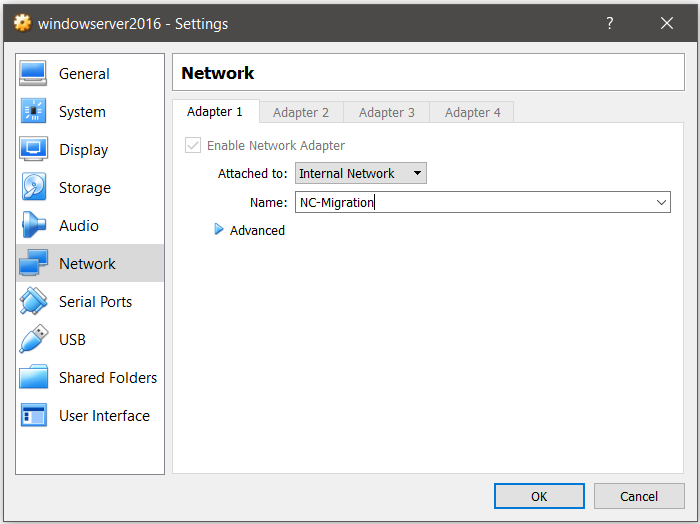
***Content***

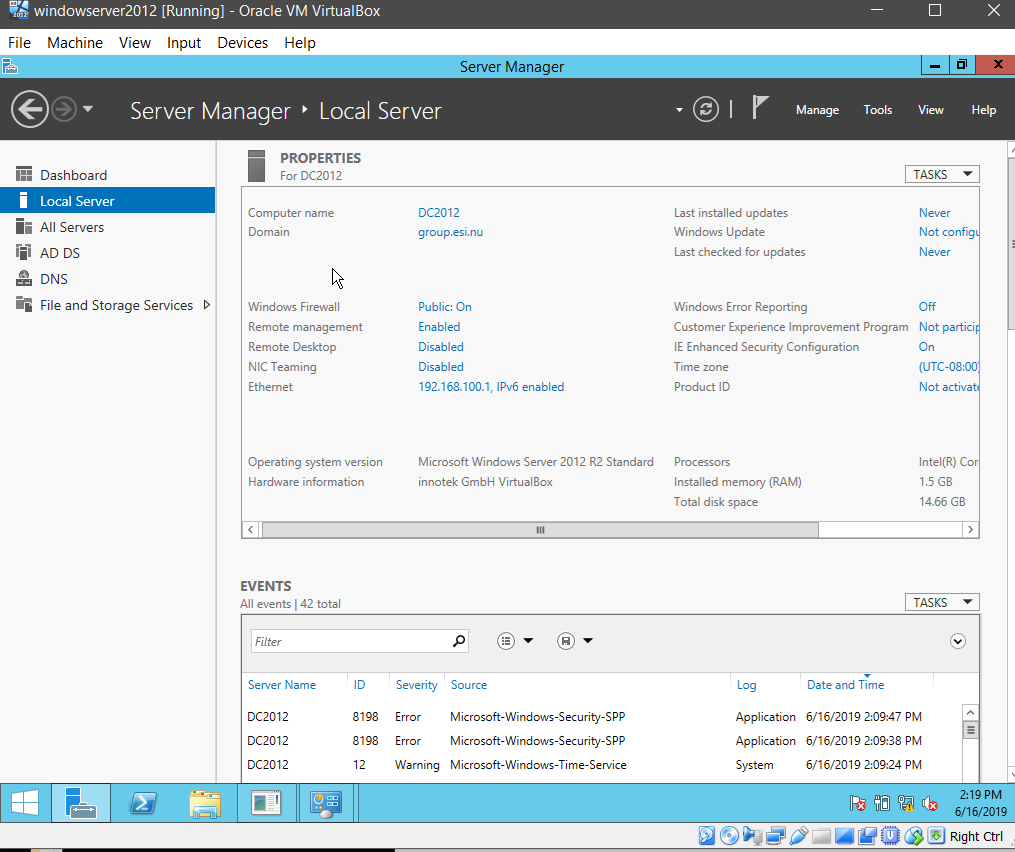
1. Join N-SVR 1 a second DC

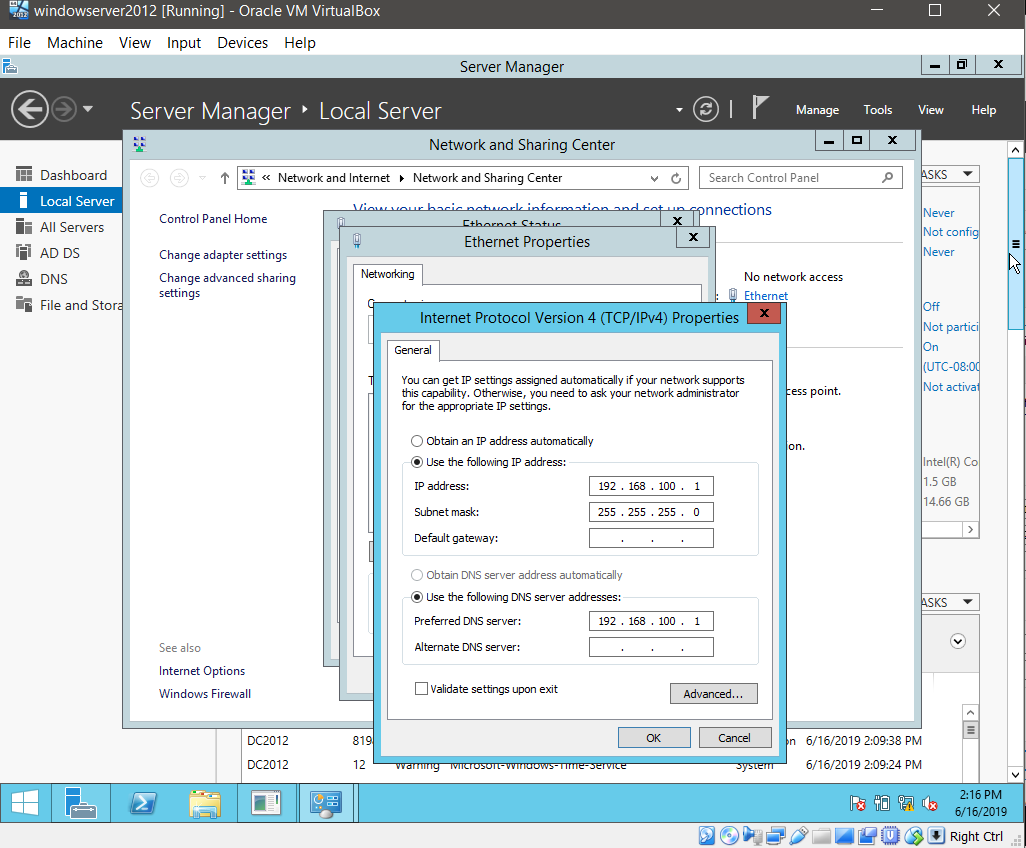
* We need to install 2 version of window server (window server 2012 and 2016) on VirtualBox or Hyper-V
* Go to sitting on window server 2012 go to Network => adapter 1=>select Attached to choose Internal Network

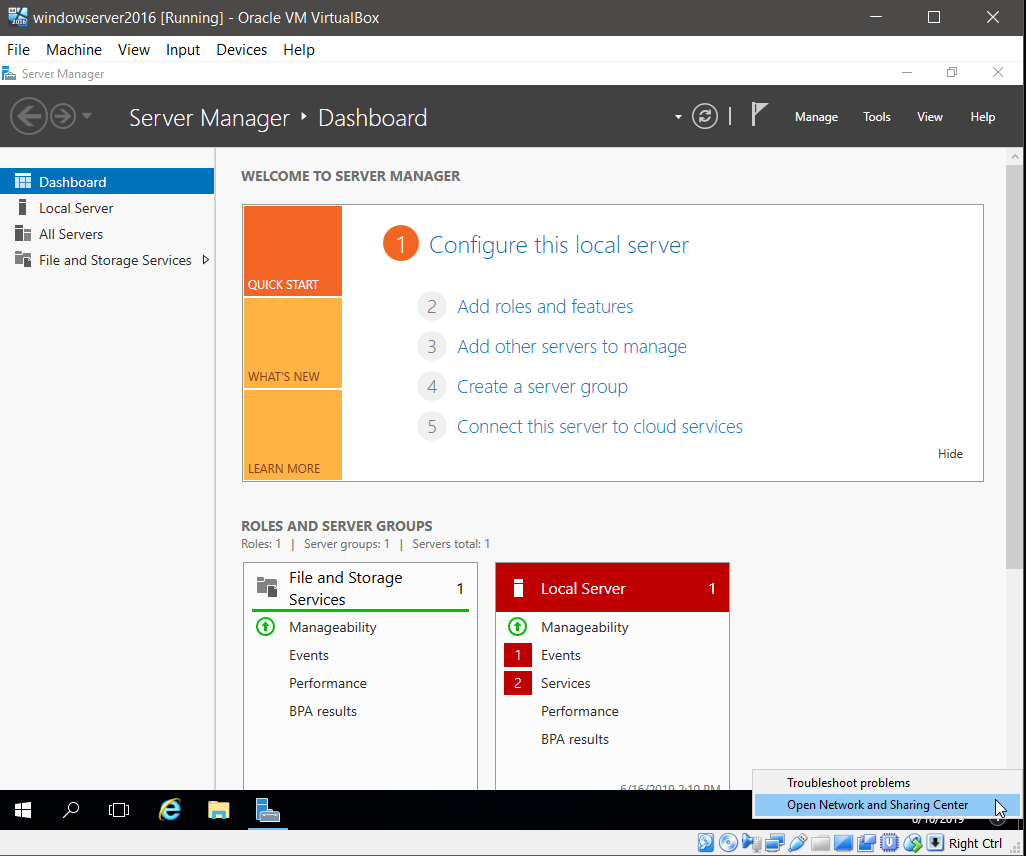


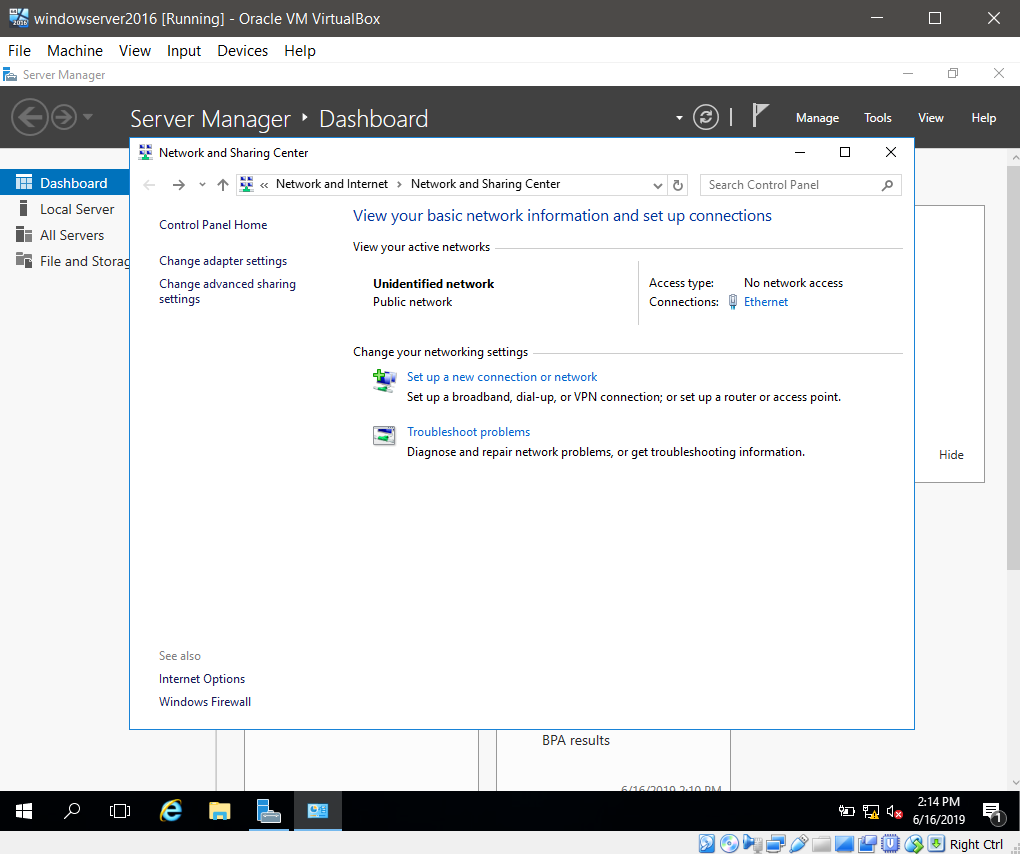
* like the same window server 2012 go to Network => adapter 1=>select Attached to choose Internal Network and check name NC-Migration



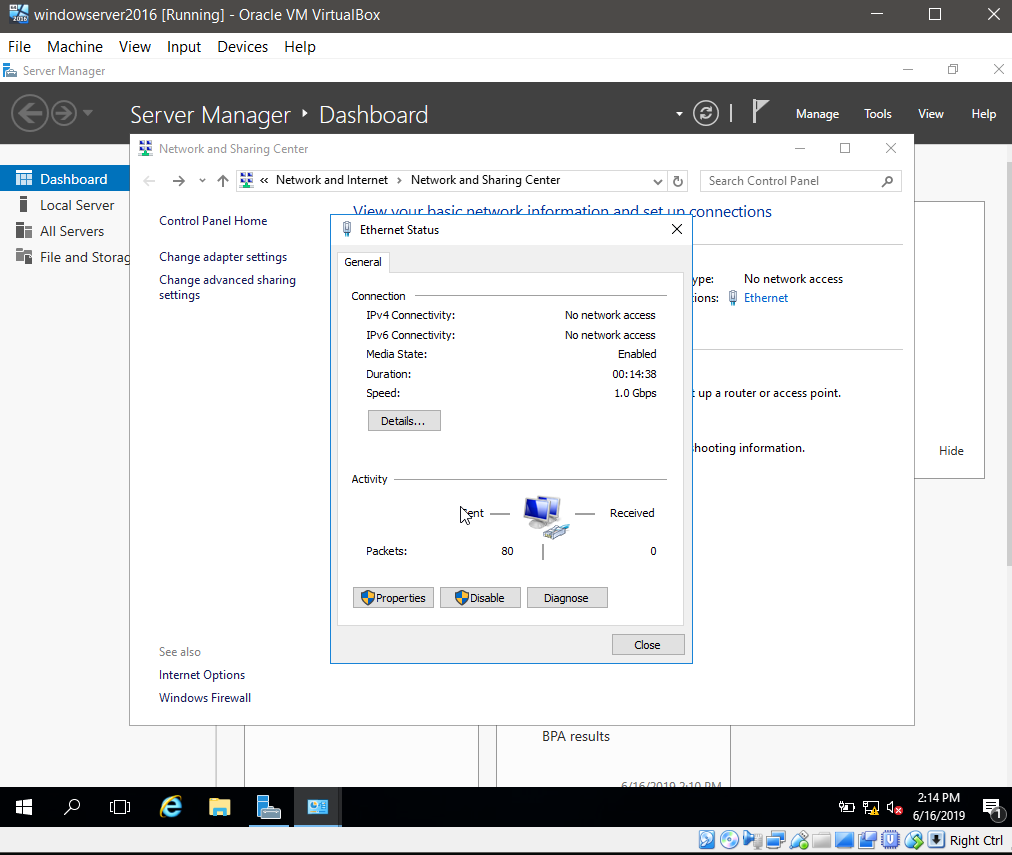
* Open window server 2012, open Server Manager, go to local Server. Just like the picture.
* Running window server 2012, open network and internet sitting, go to Ethernet than set IP address like the picture.

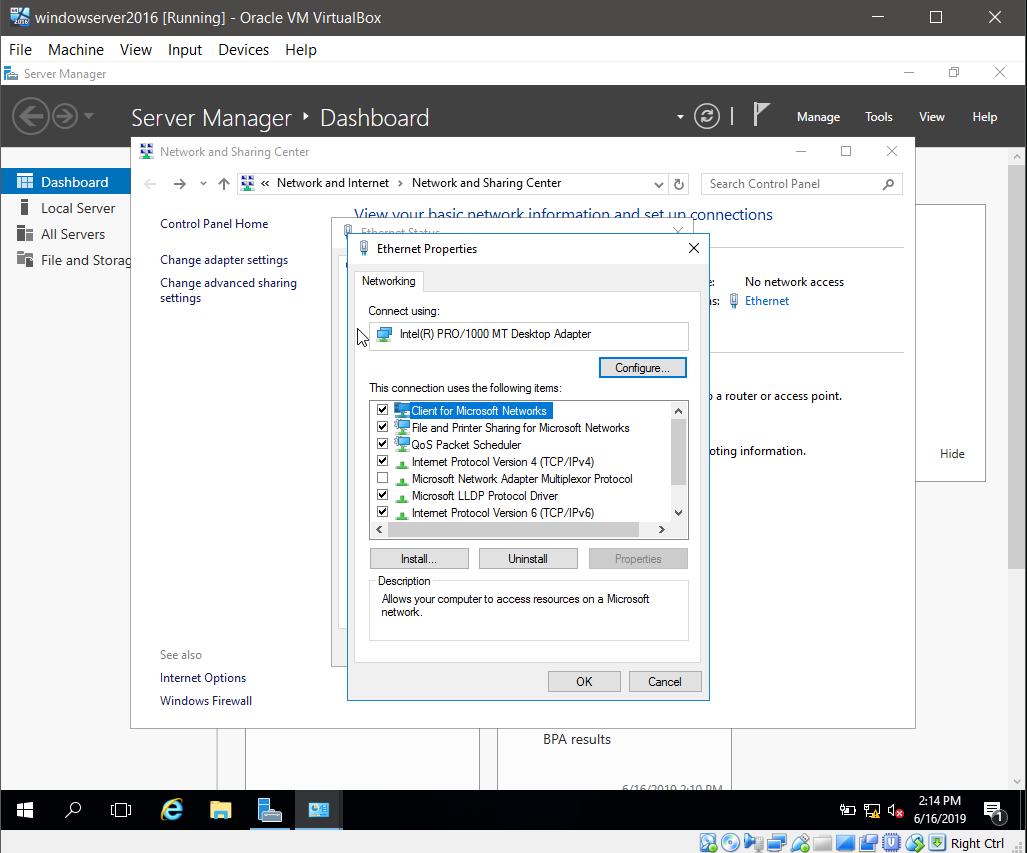


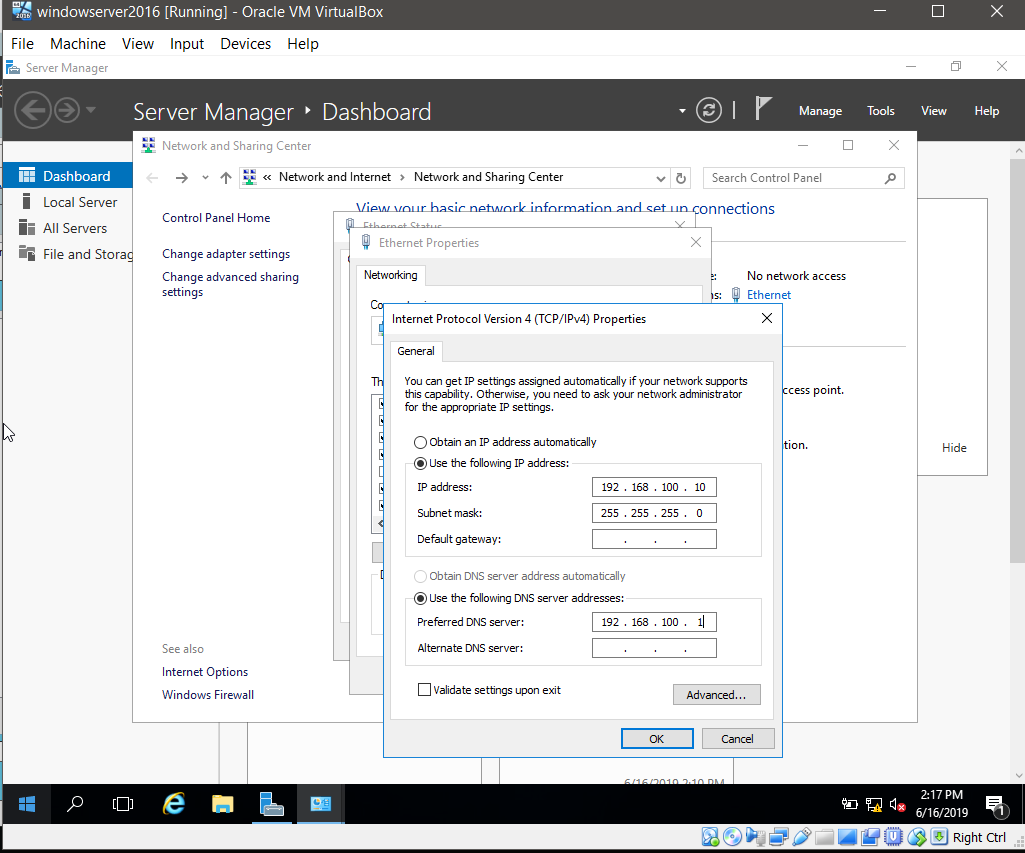
* Running window server 2016, open server manager and see like the picture. We need to create the Domain Controller on the window server 2016.
* Open network and sharing center just see the picture.

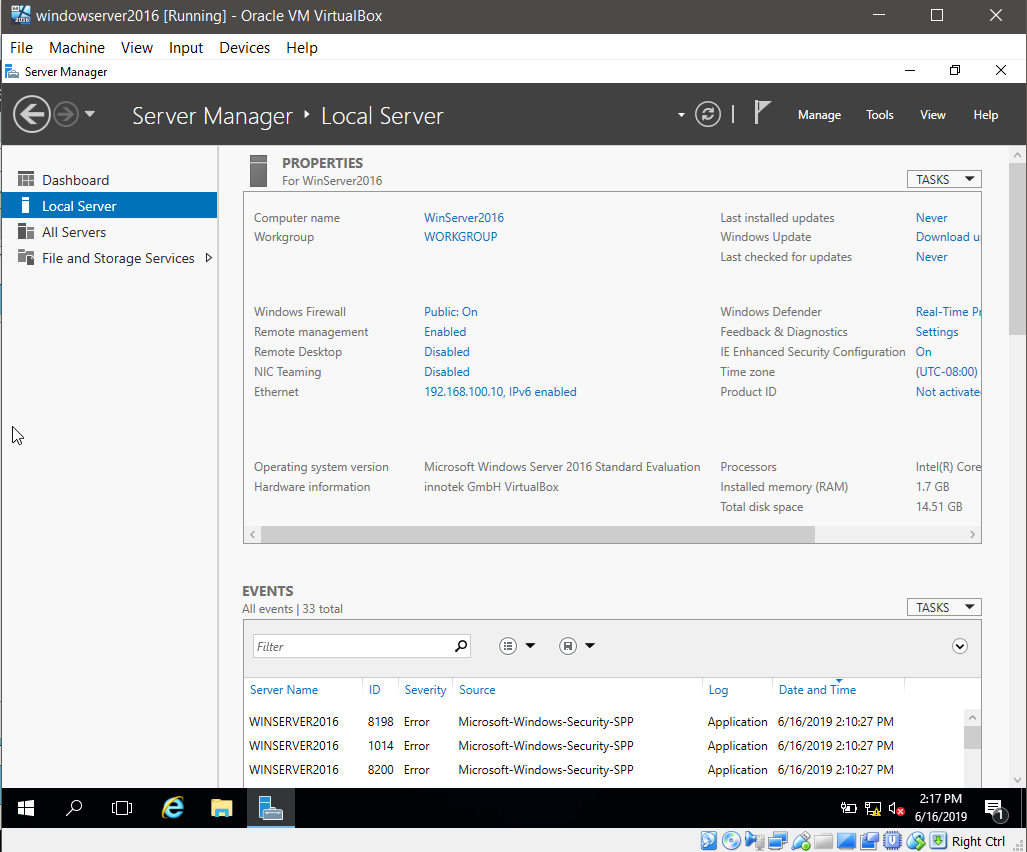
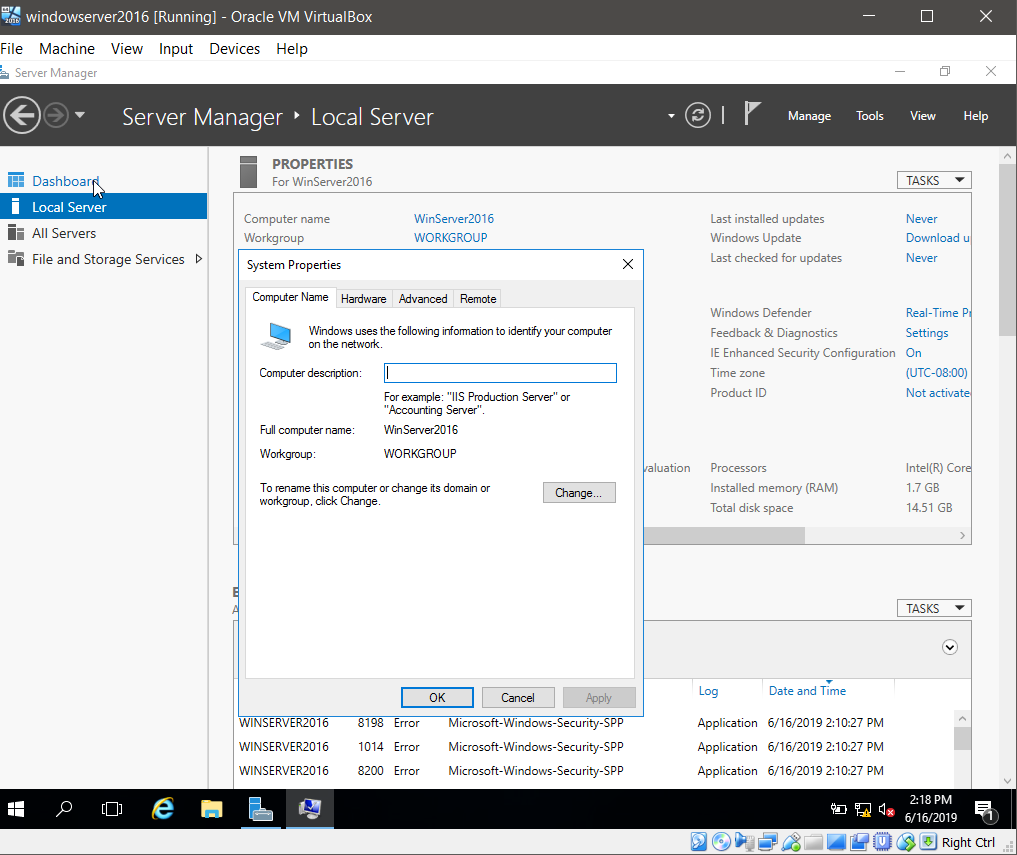
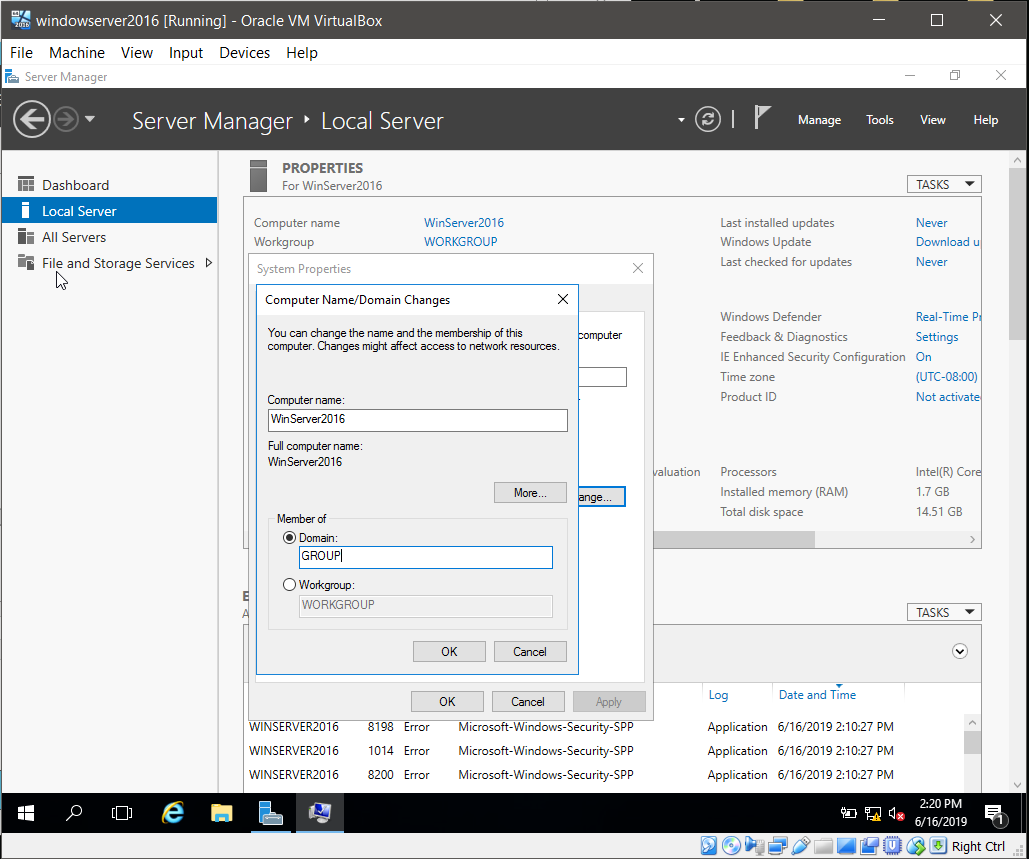
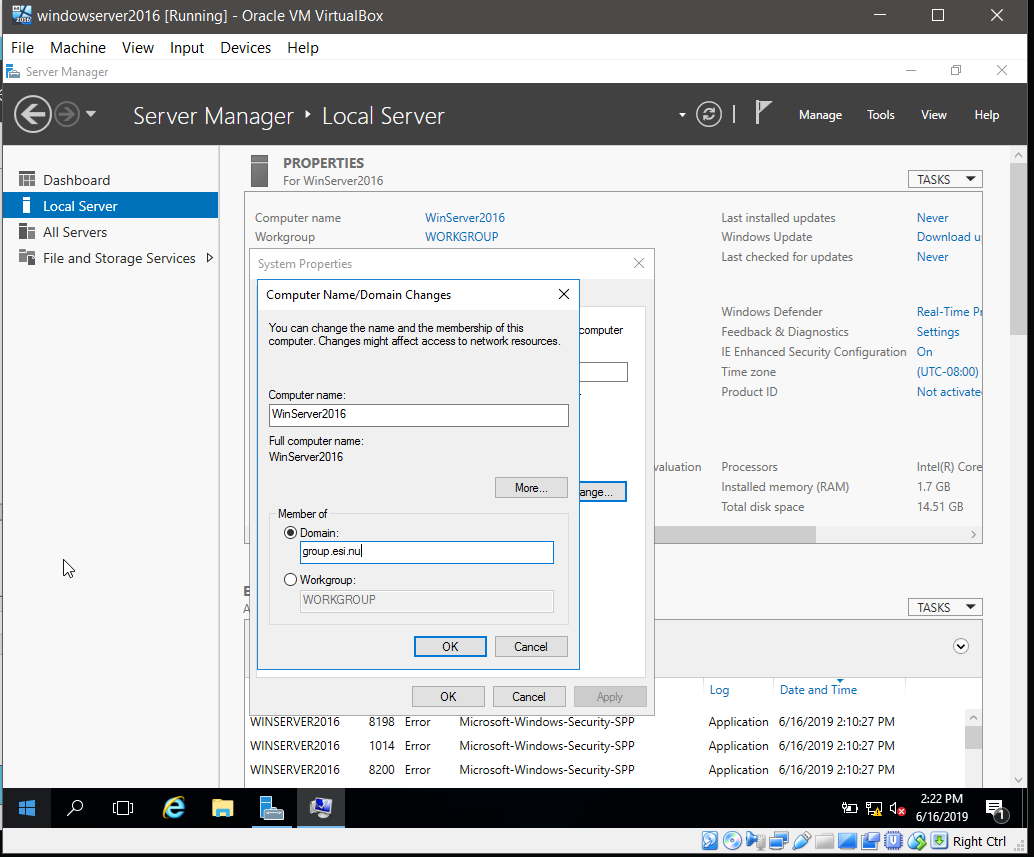
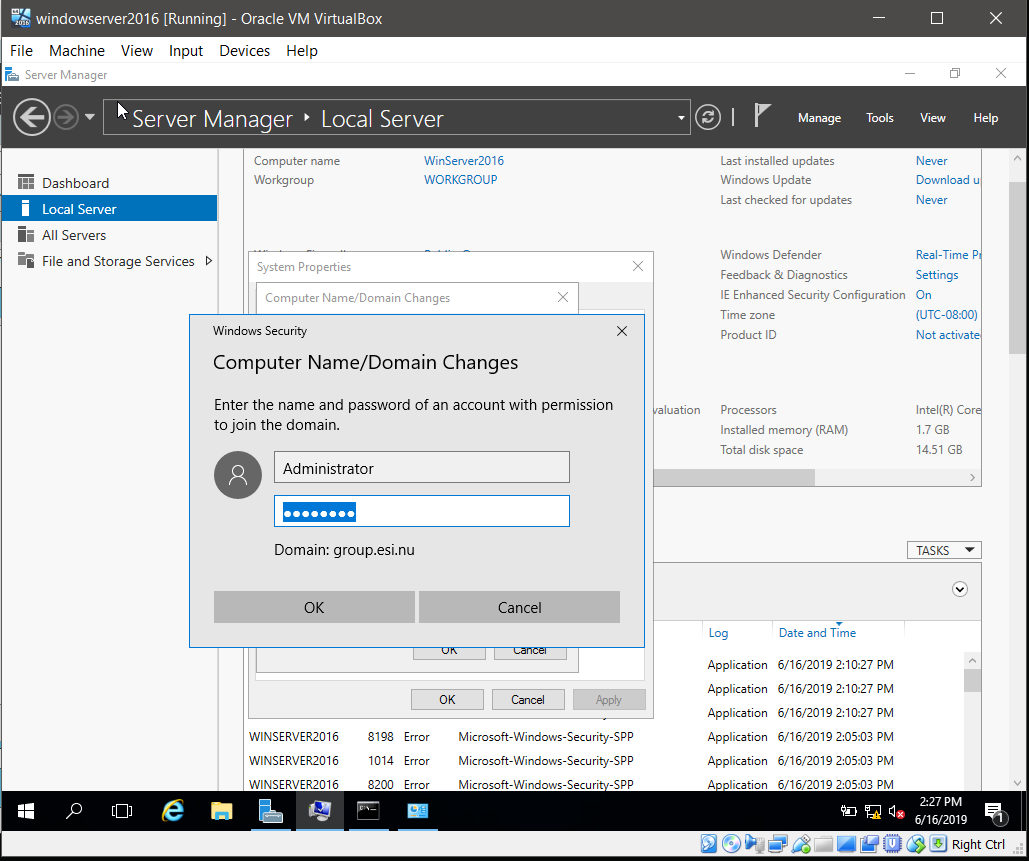
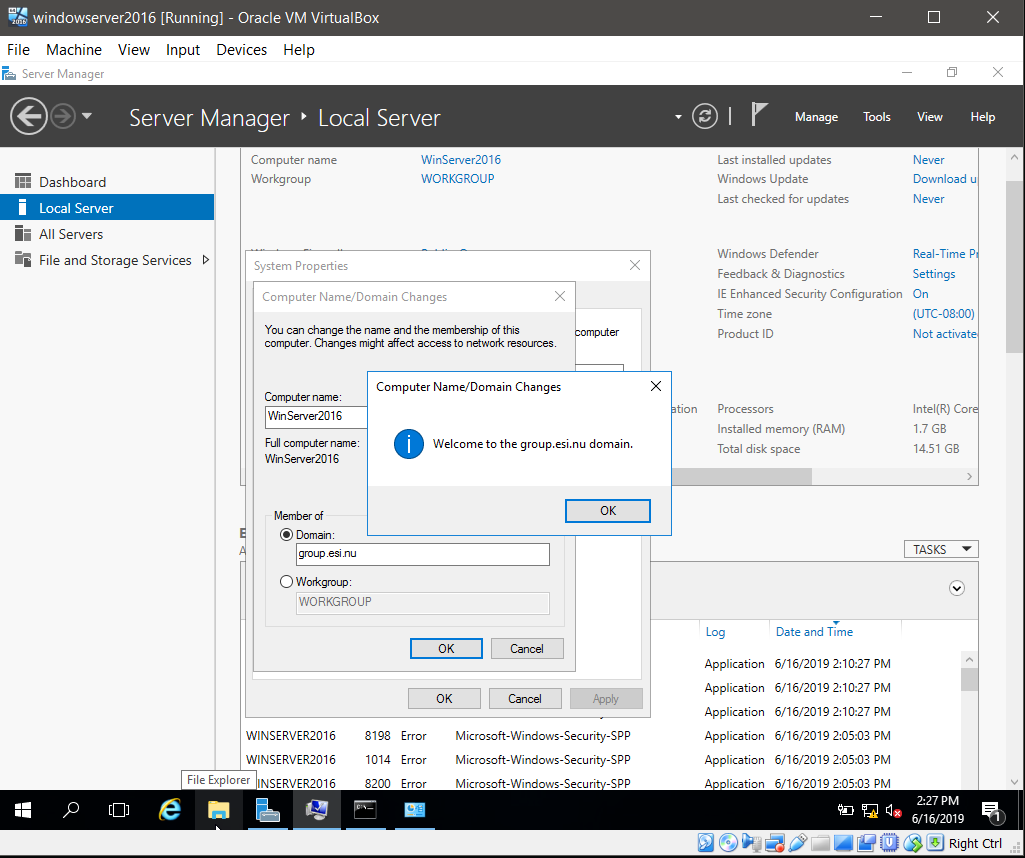


* Go to Ethernet,



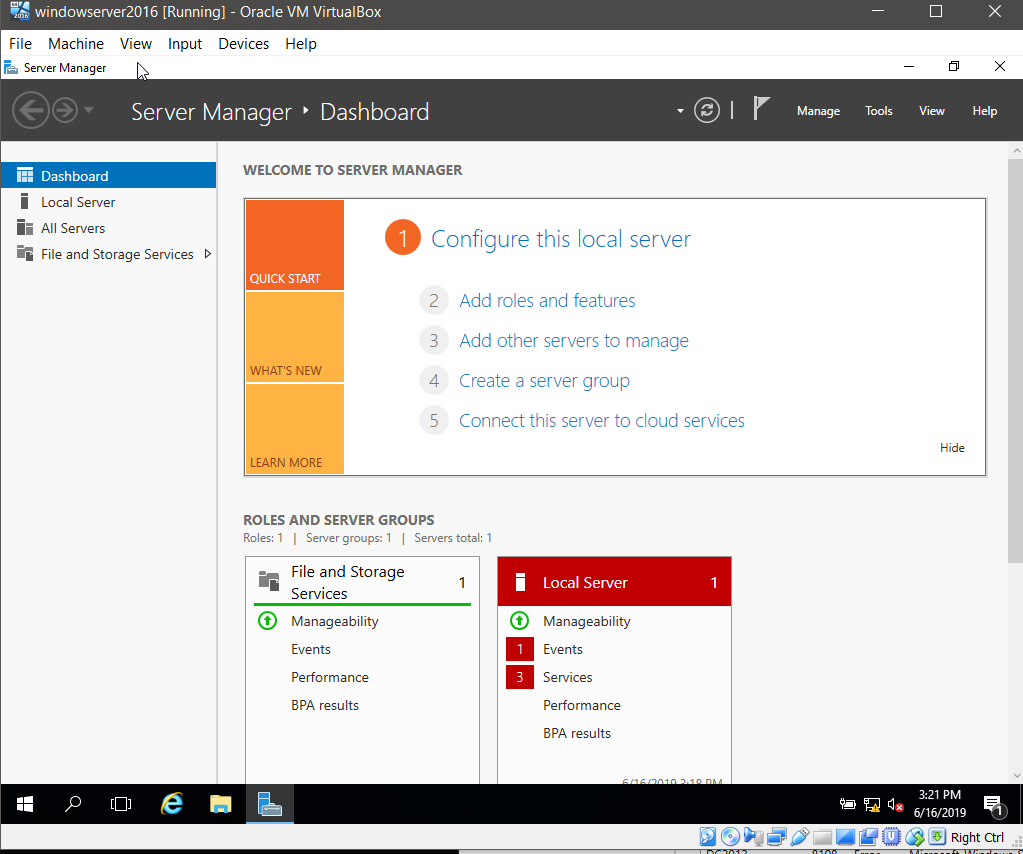
* Go to properties of Ethernet.
* Double click Internet Protocol Version 4 and set IP address, look at picture.

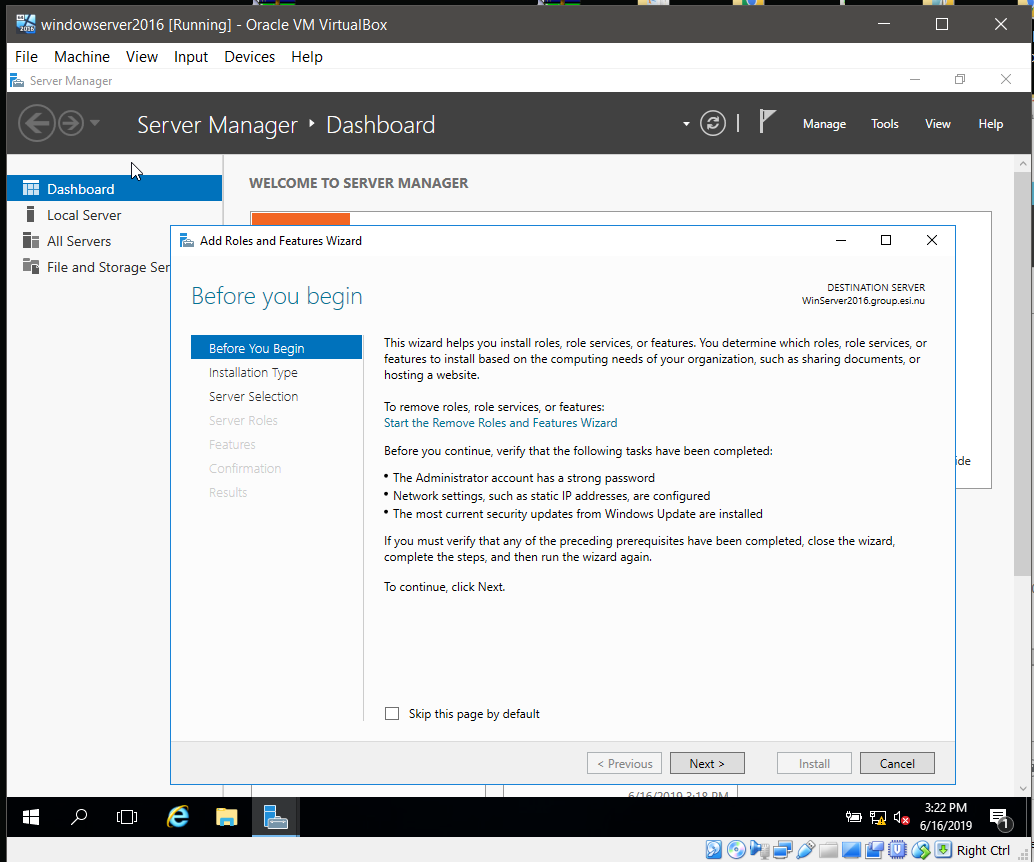
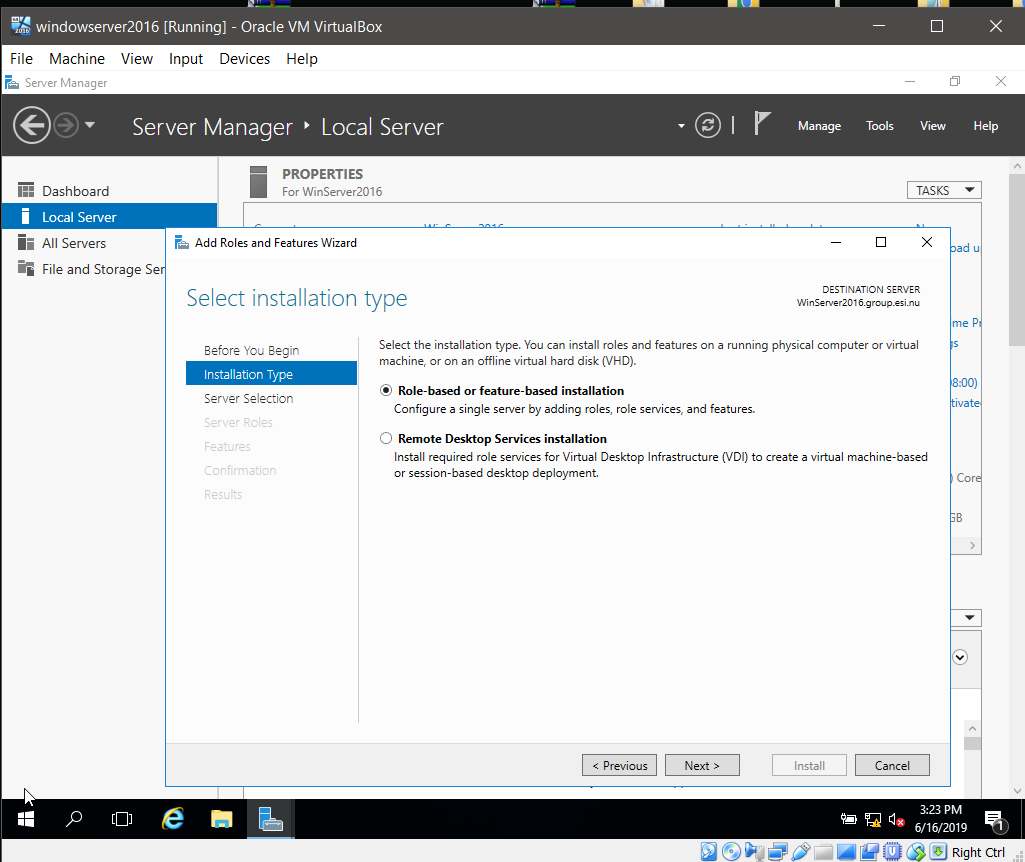


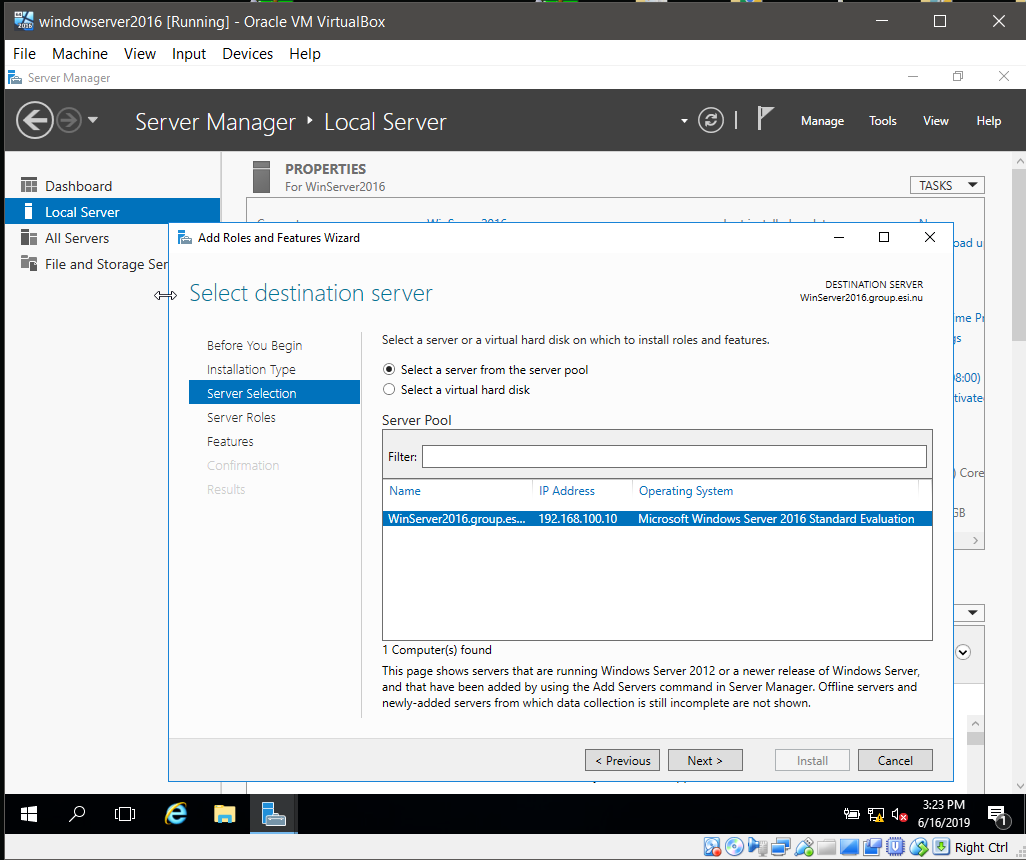
* Open Server Manager again, go to Local Server, view picture.
* Go to System Properties of Local Server.
* Click Change…, and do like the picture.
* Rename Domain name.
* Check password Administrator.
* Welcome to new Domain Controller.

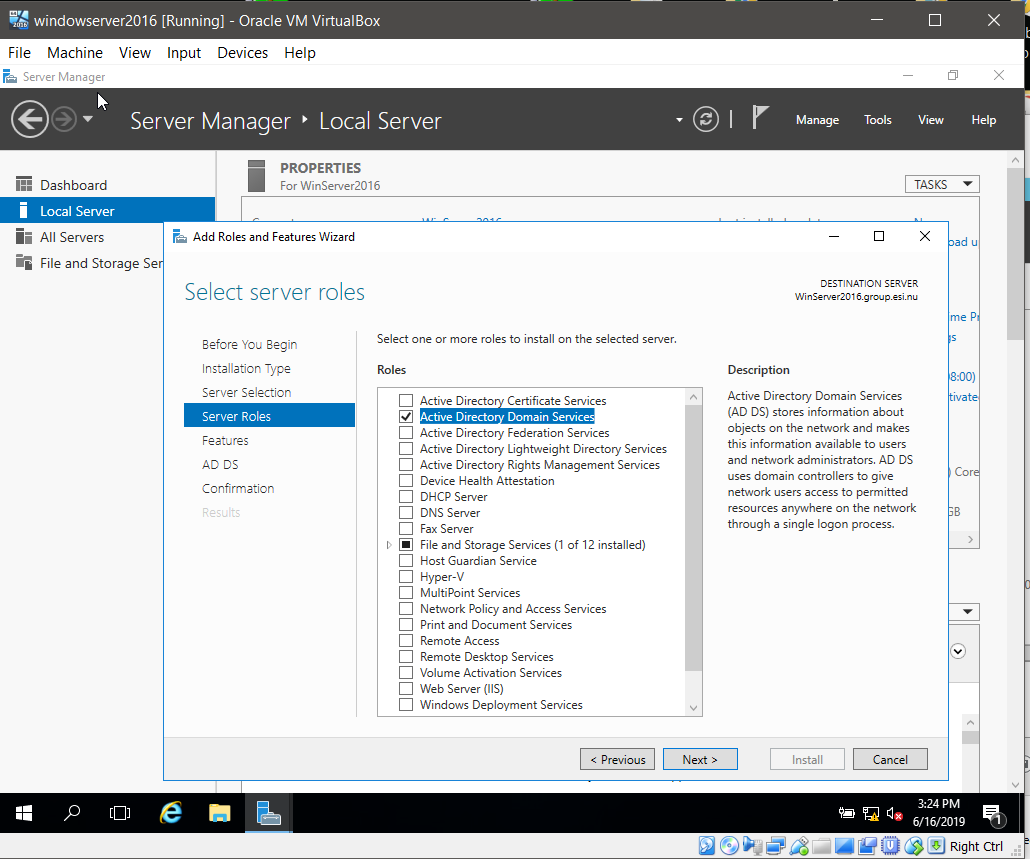
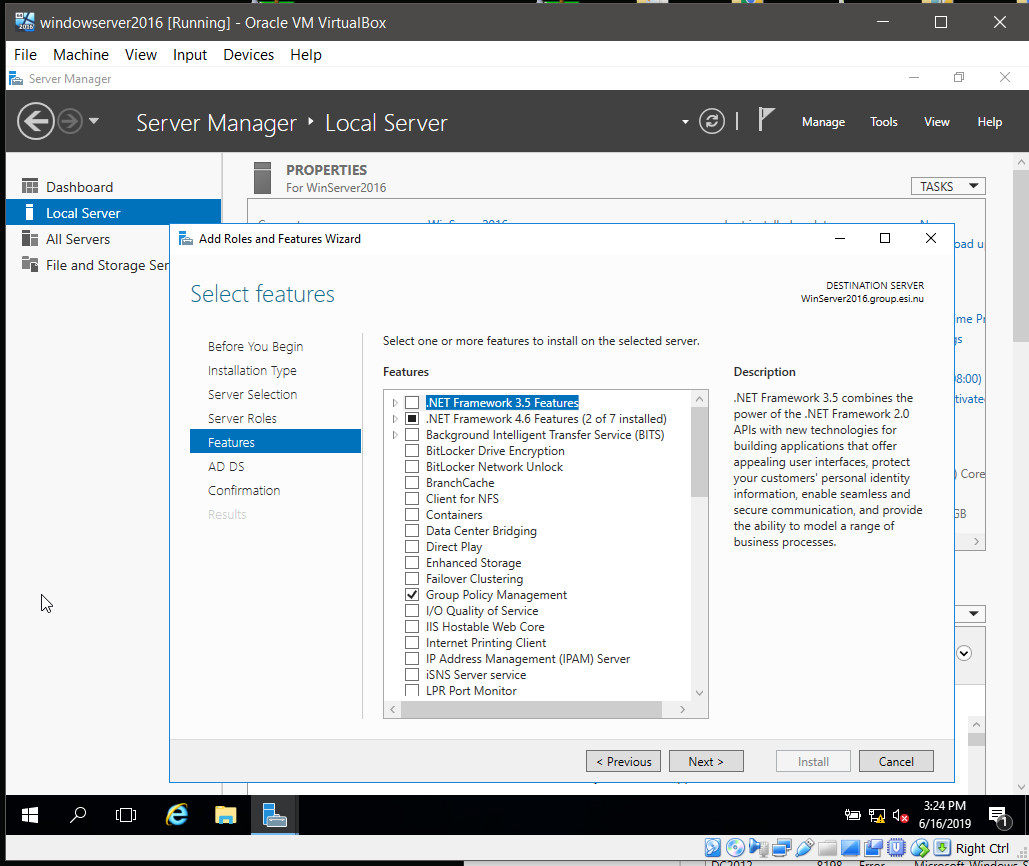
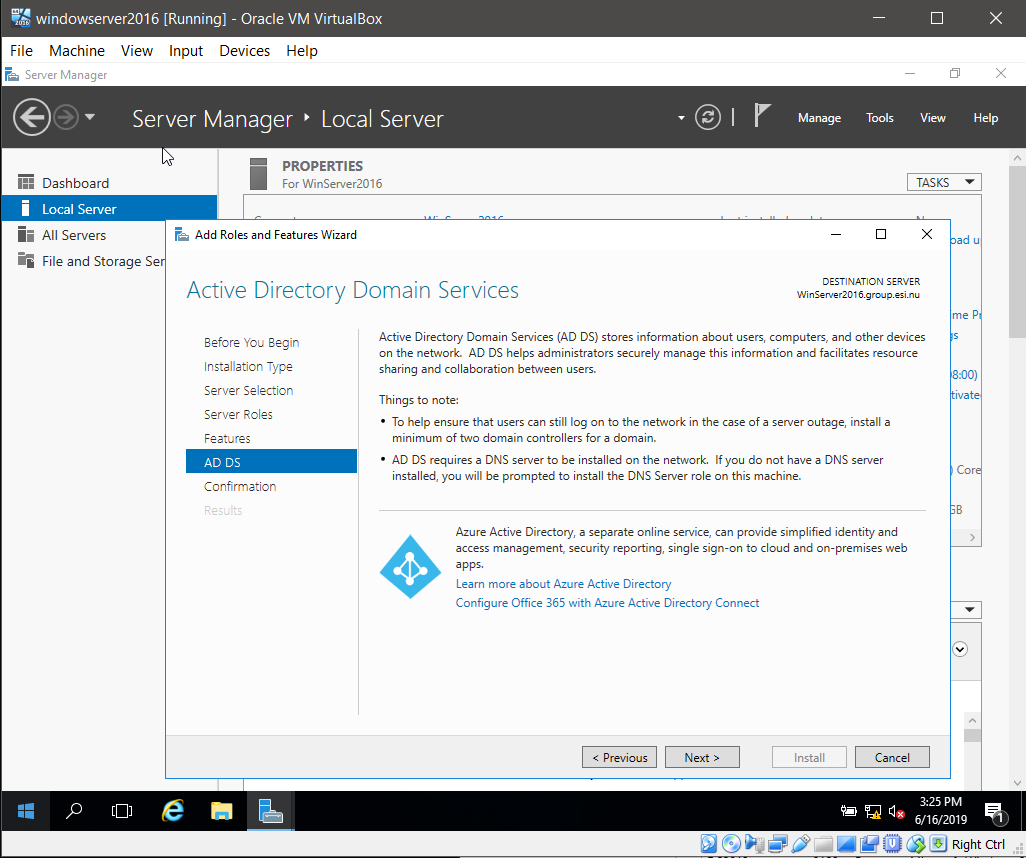
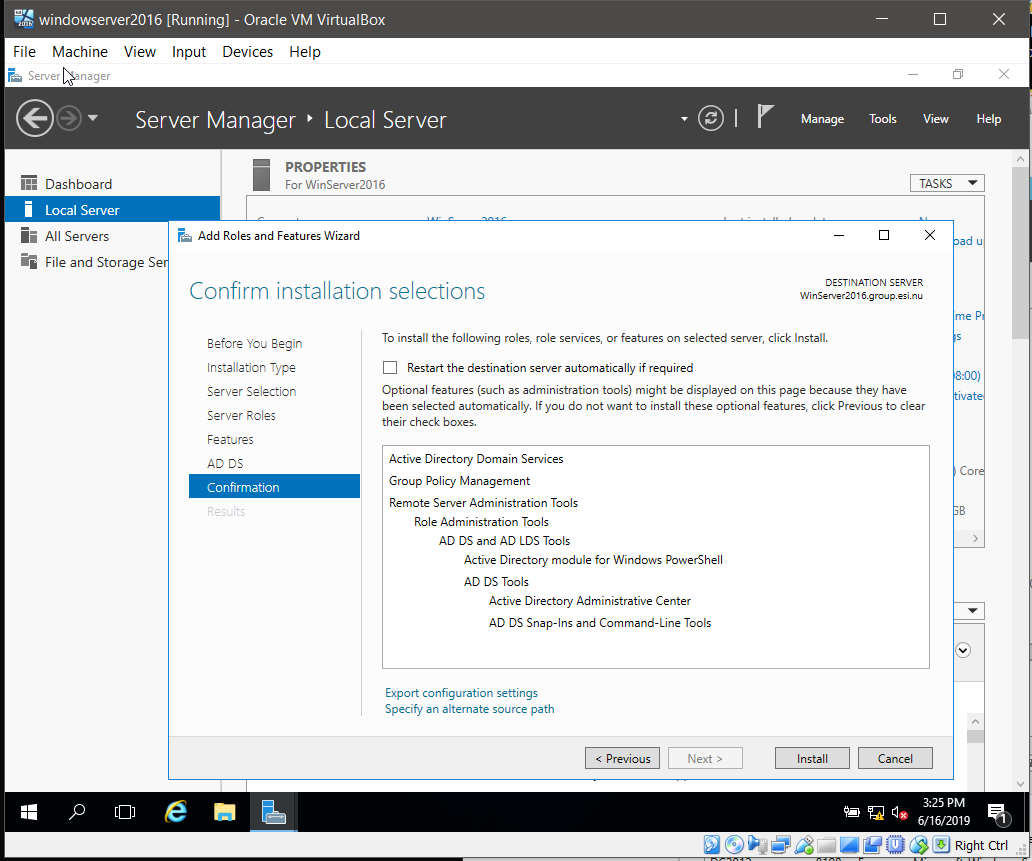
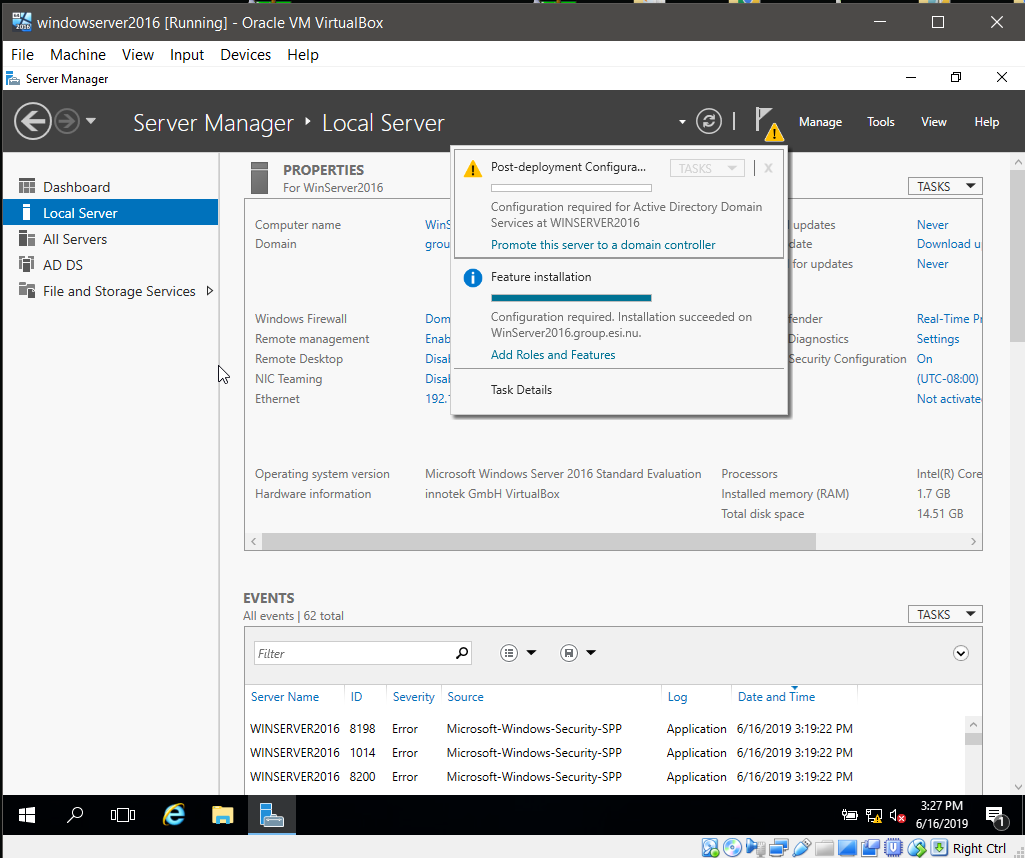
1. Promote N-SVR 1 a second DC

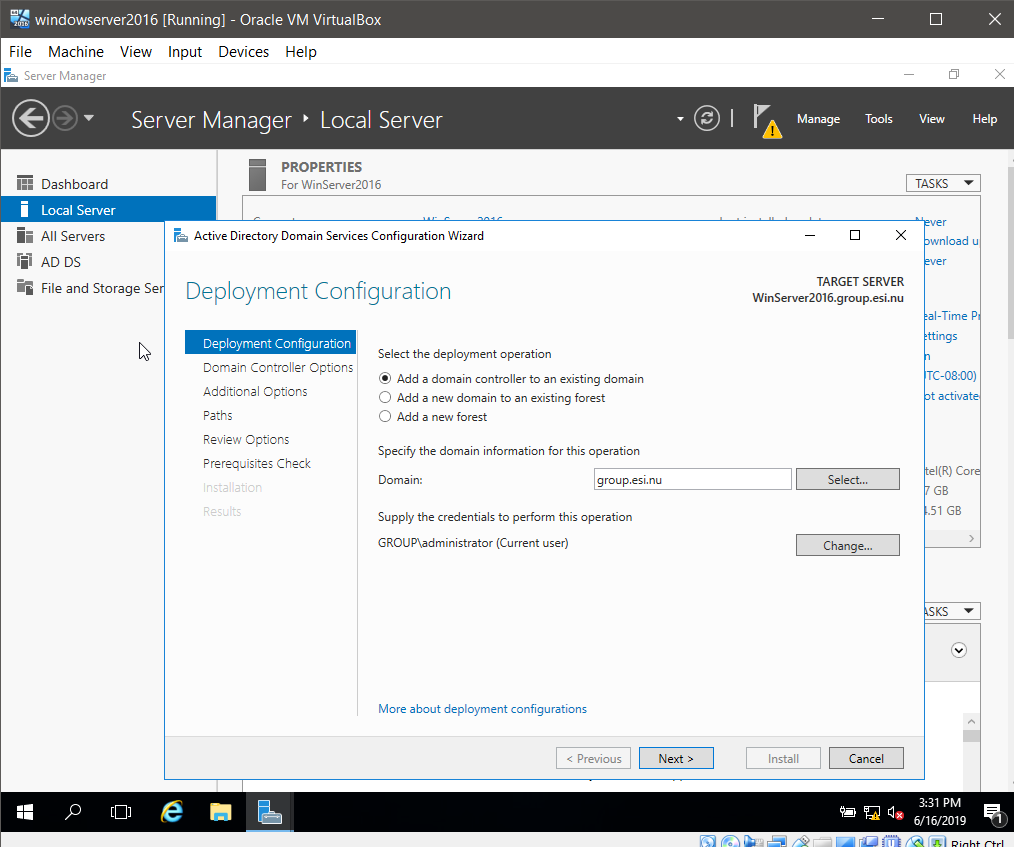
* Install AD-DS role:
* Open Server Manager again

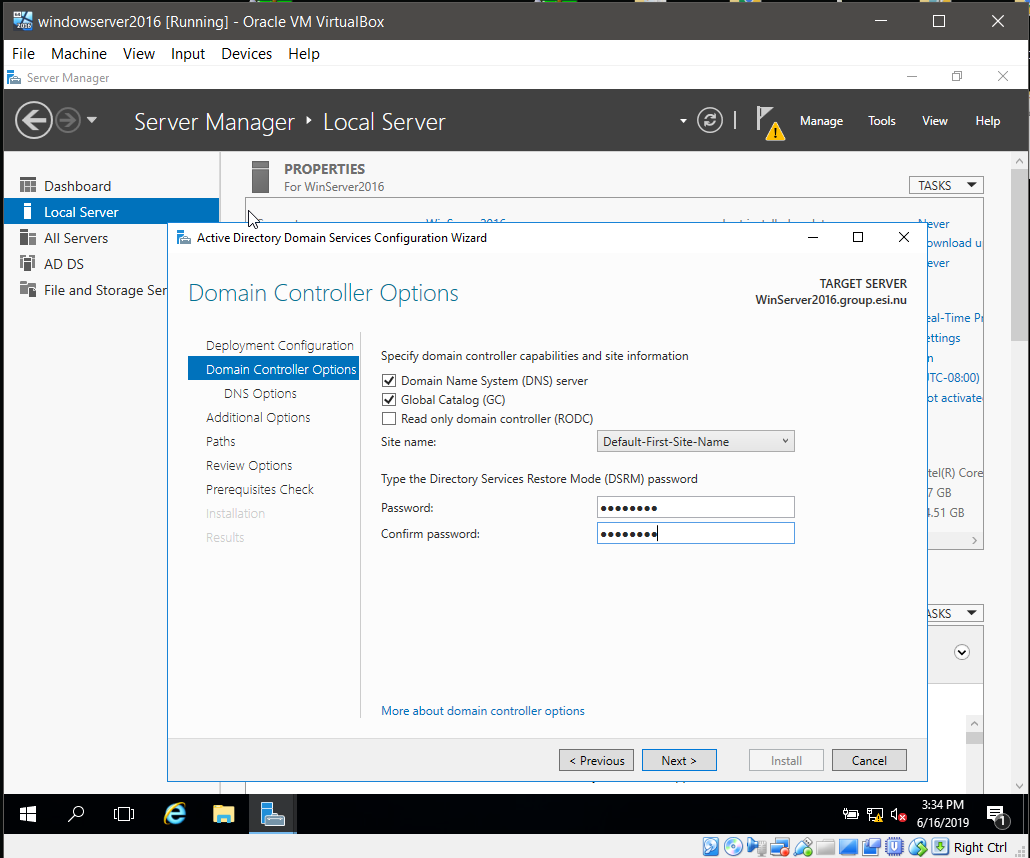


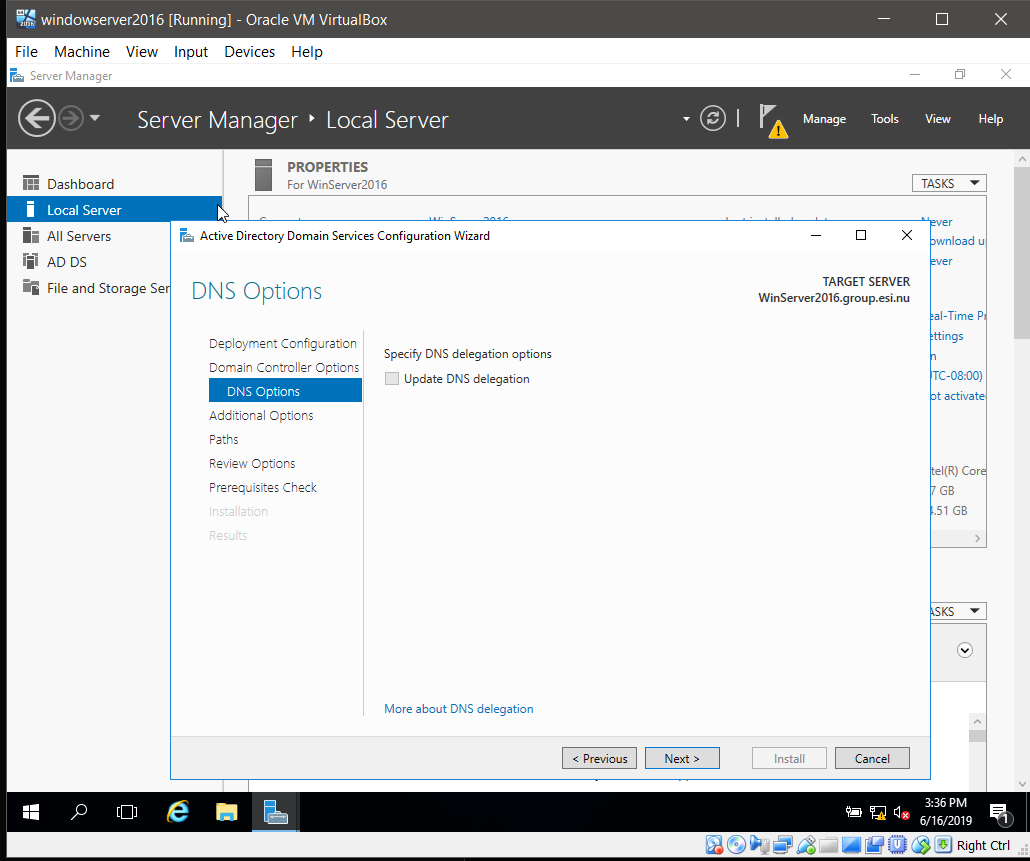
* Go to Add role and Features Wizard. Look at the picture. =>Next
* Go to **Installation Type** and select **Role-based or feature-based installation. =>**Next
* Go to **Server Selection** and select **Select a server from the server pool**

Just see the picture. =>Next

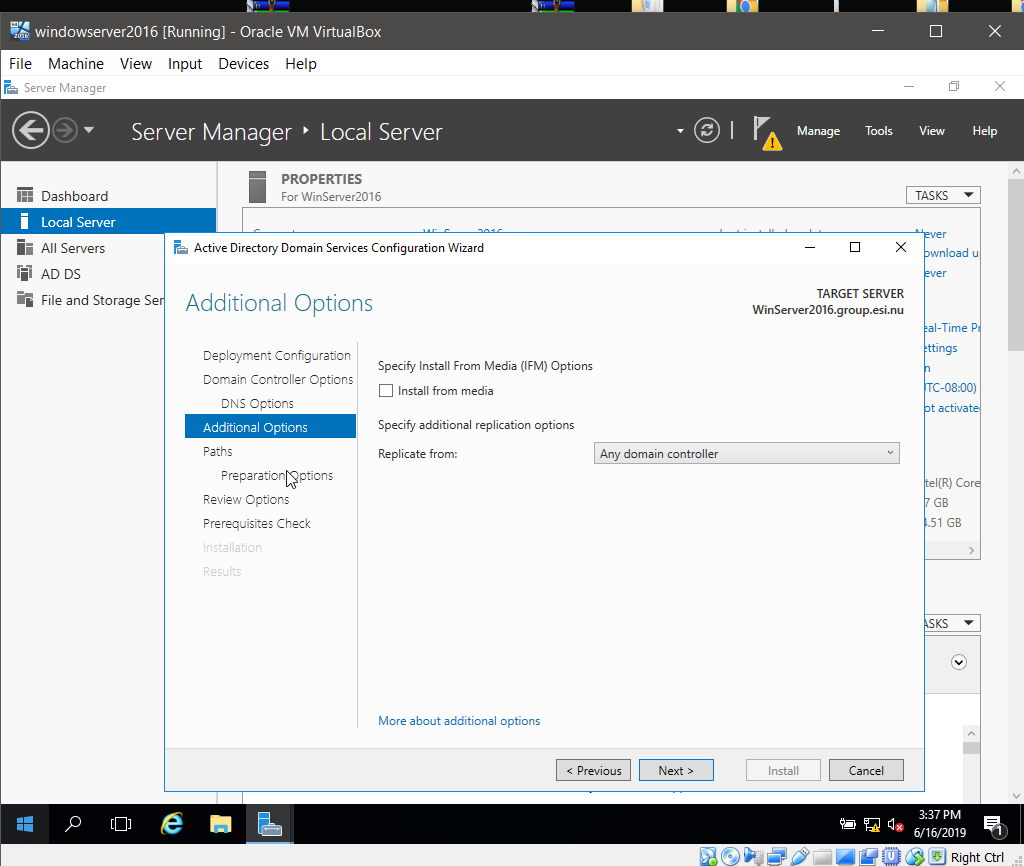
* Go to **Server Roles** select Active **Directory Domain Services.** =>Next
* Go to **Features.** See like the picture. =>Next
* Go to **AD DS.** See like the picture. => Next
* Go to **Confirmation.** =>Install
* Promote to a domain Controller:
* Go to **Server Manager and Local Server** again, Click **Task Details** just see the picture and click **promote this server to a domain controller**
* See the new window called **Deployment Configuration** like the picture. =>Next



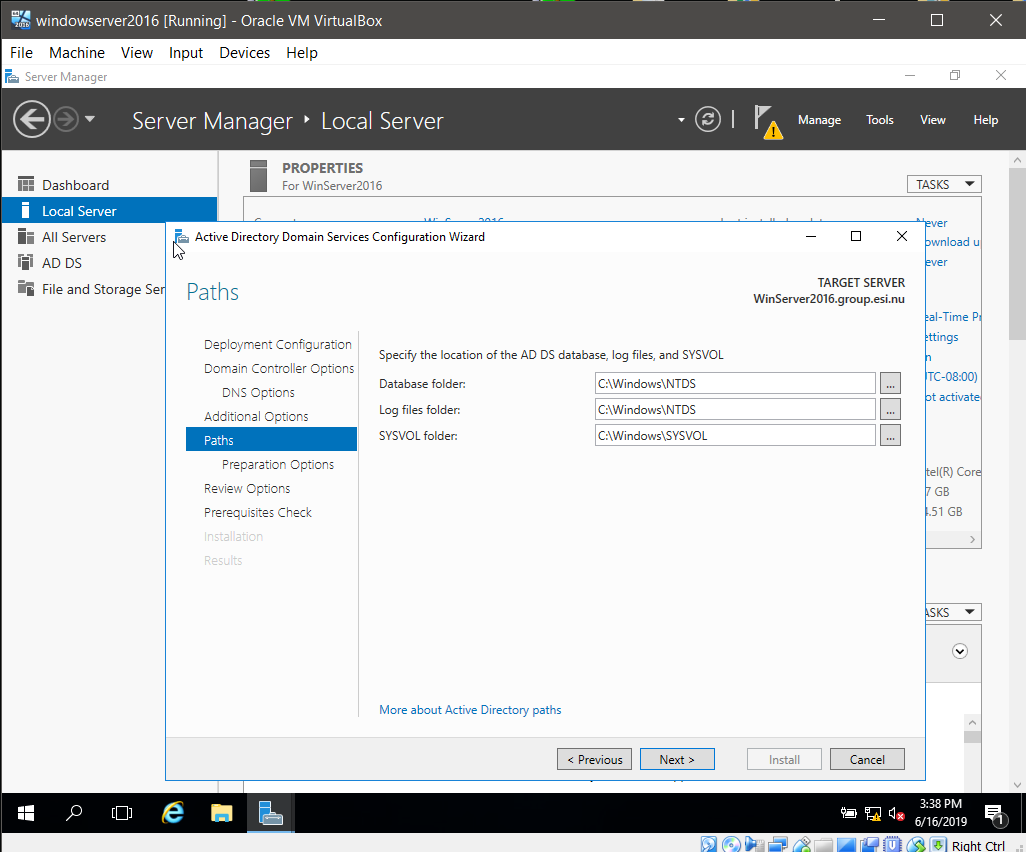
* Select Domain Controller Option and select two objects see like the box the picture and create the new password of DC. =>Next



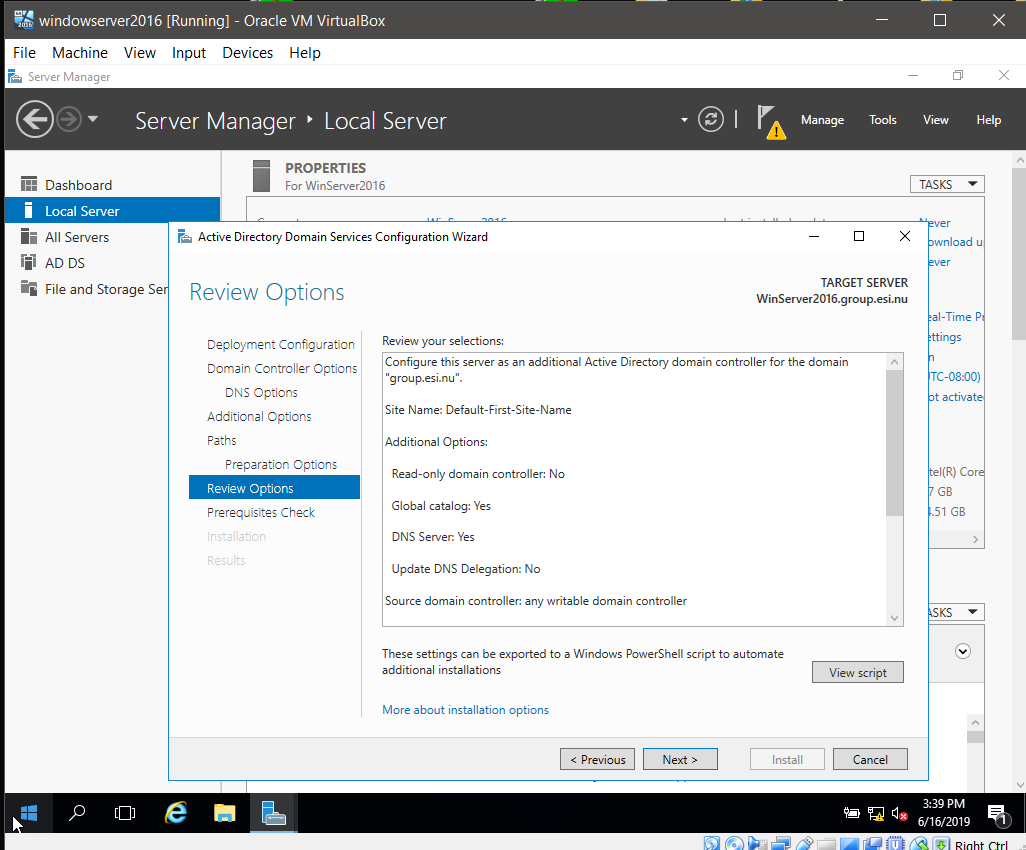
* Go to DNS Option. =>Next
* Additional Option. =>Next



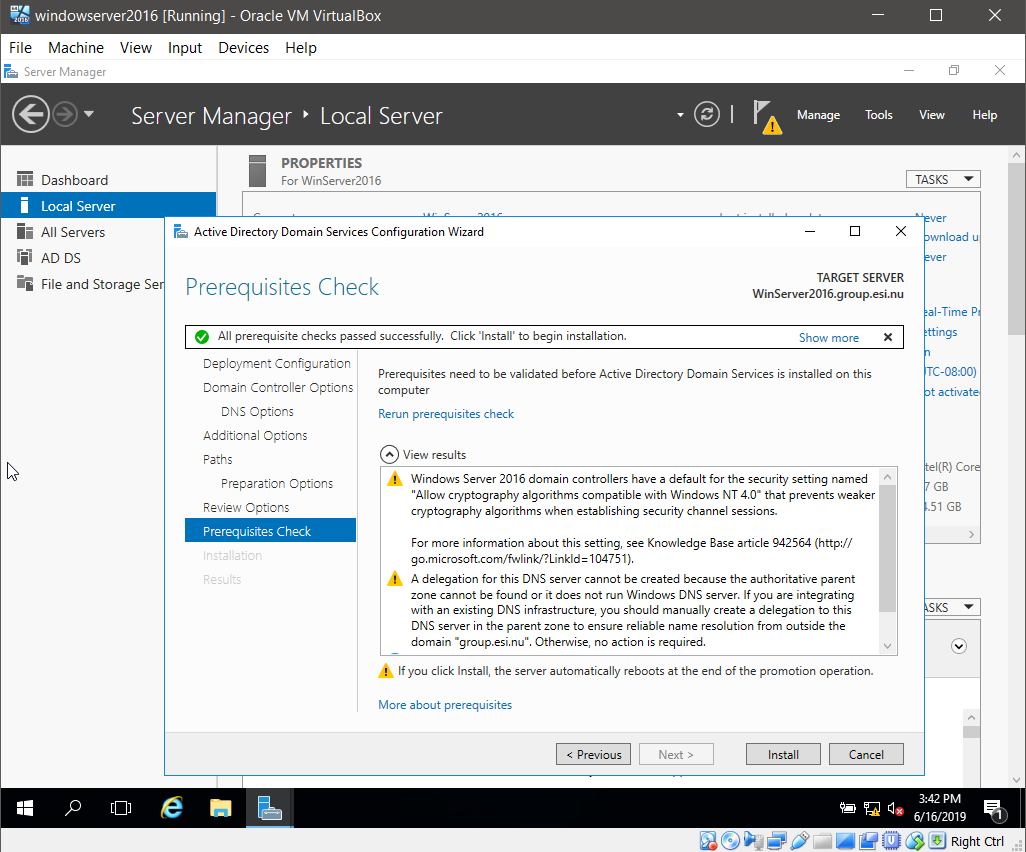
* Paths, See like the picture. =>Next

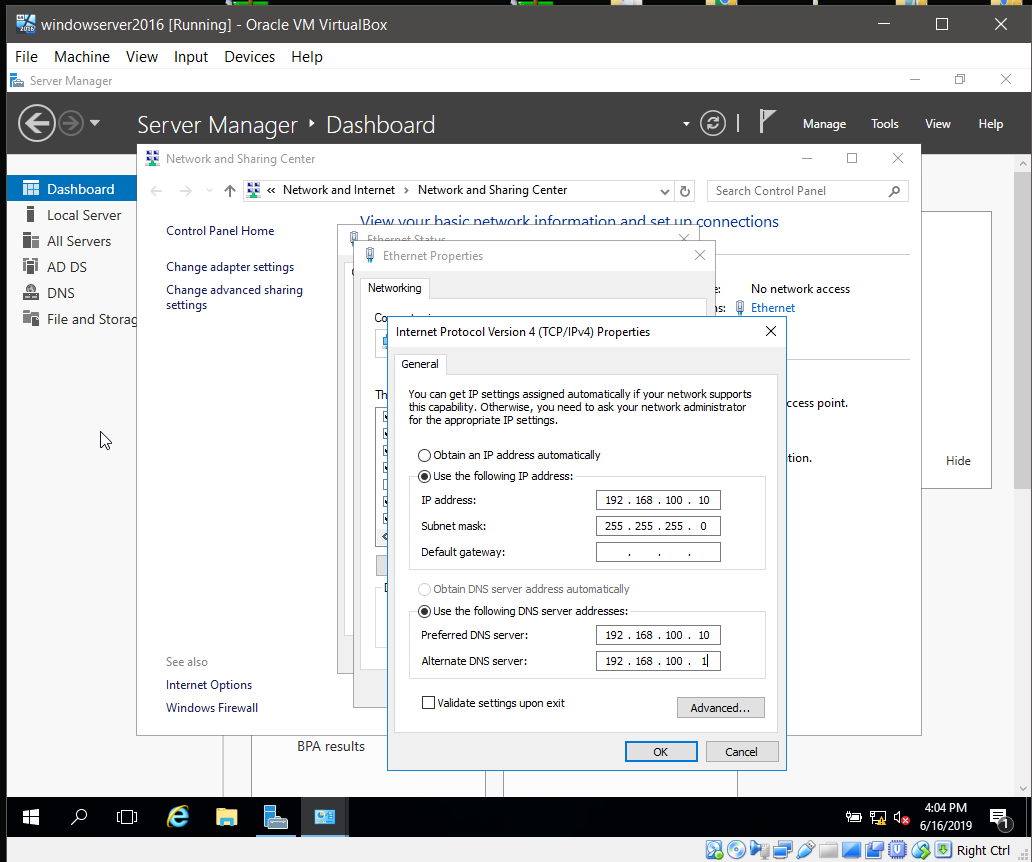
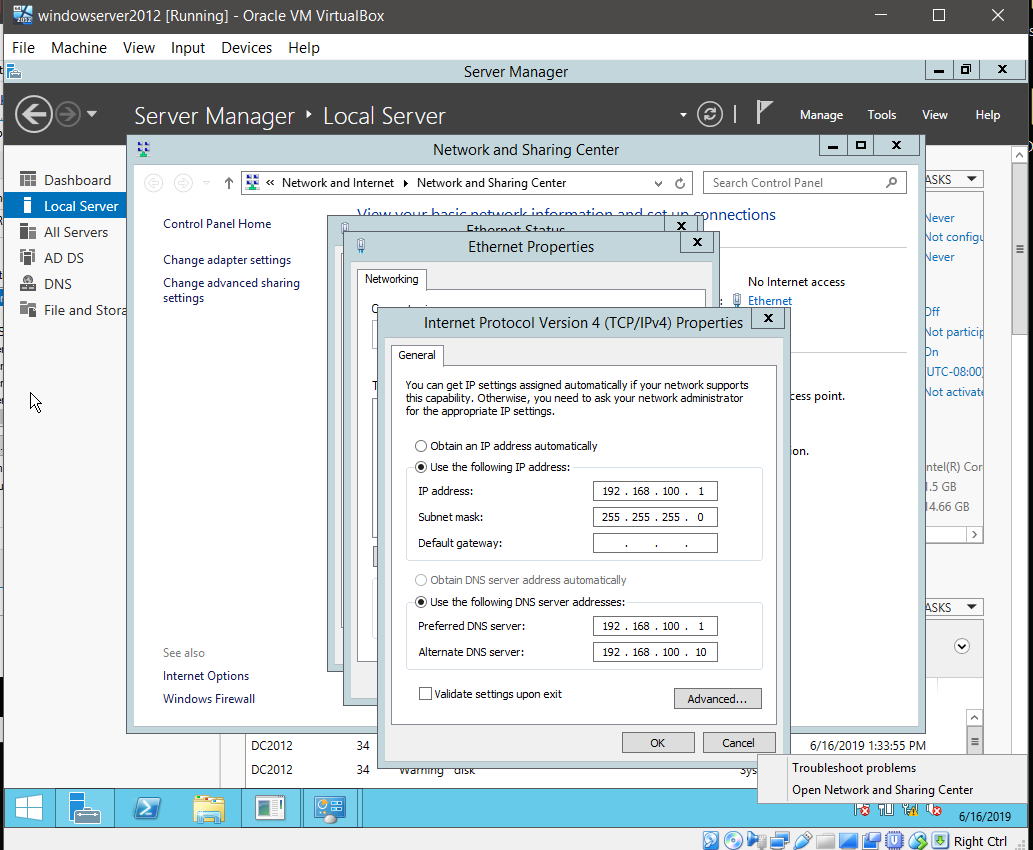


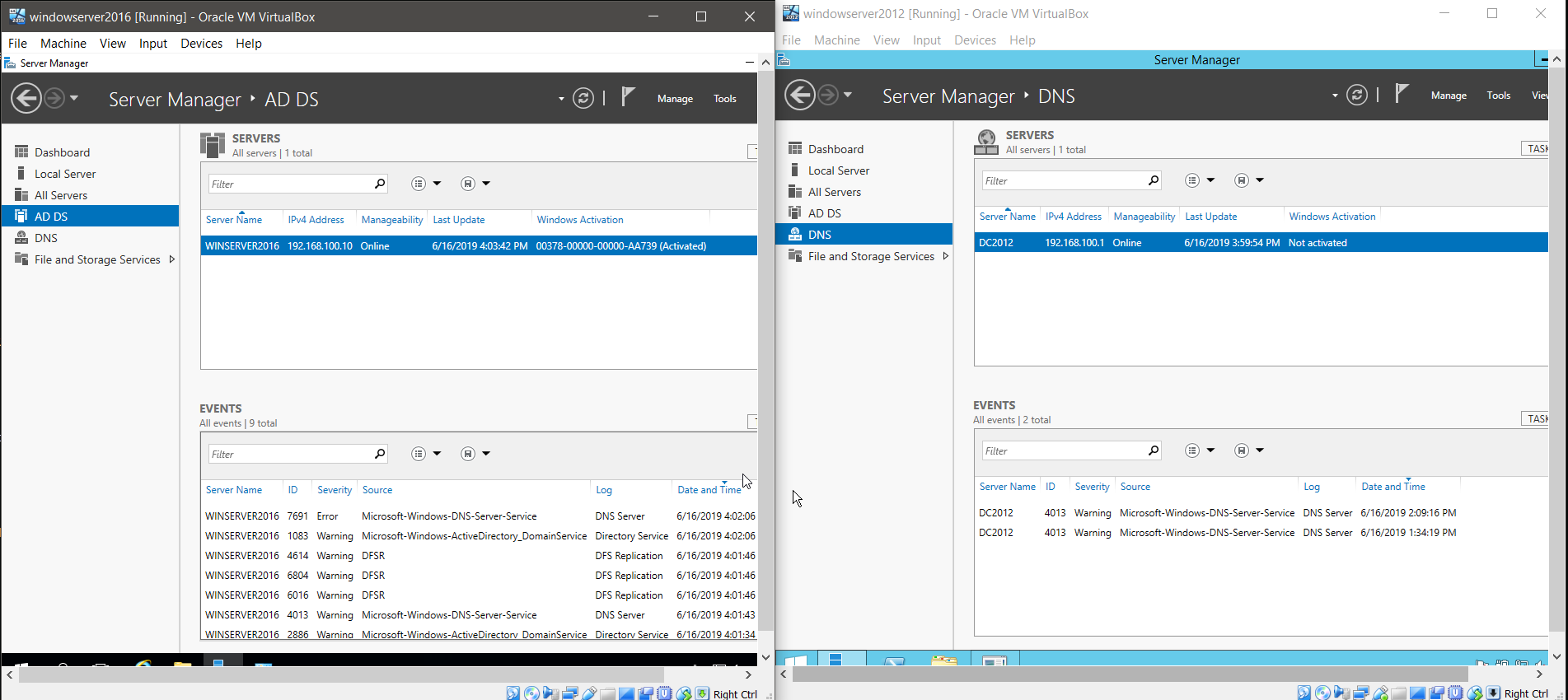
* Review Option, =>Next



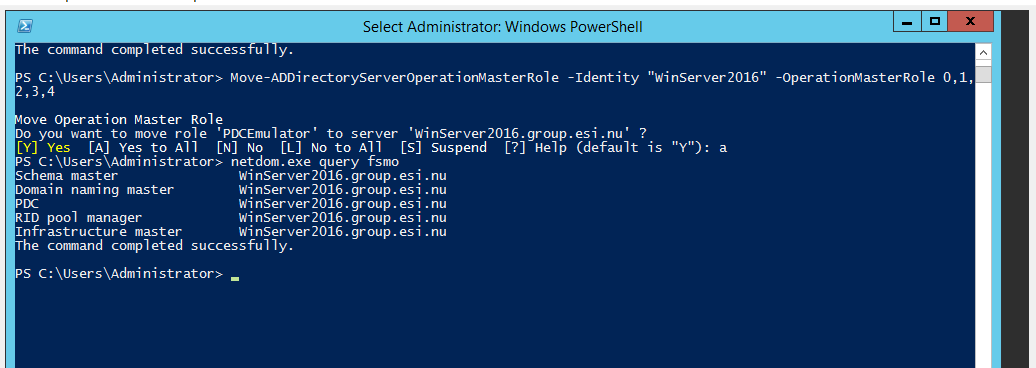
* Prerequisites Check, Just see the picture it’s warning but no problem, =>Install

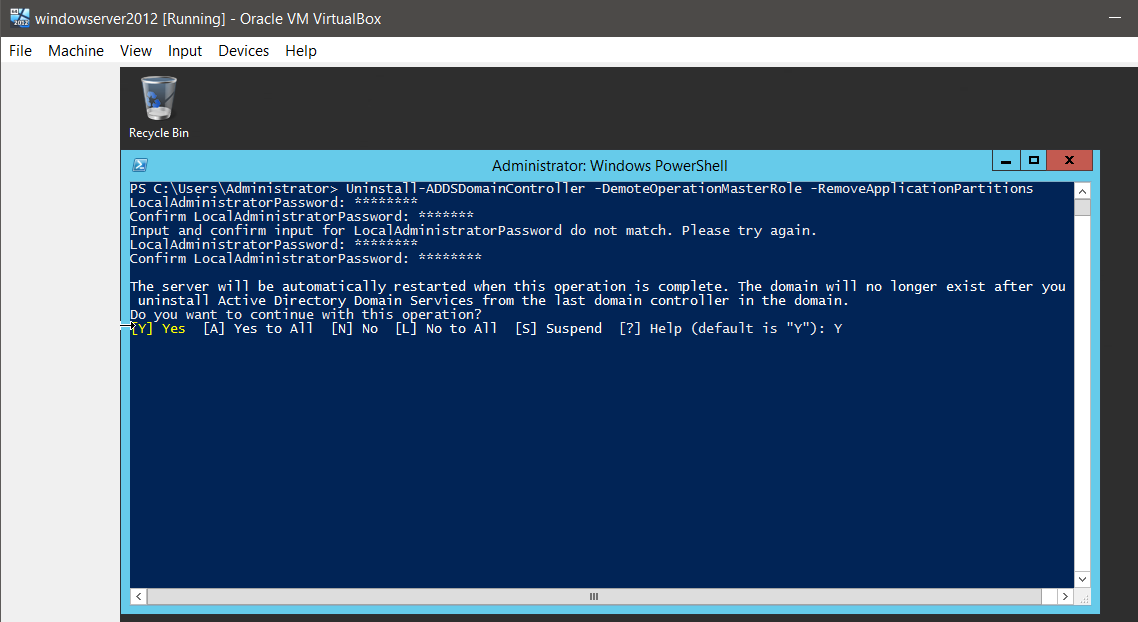
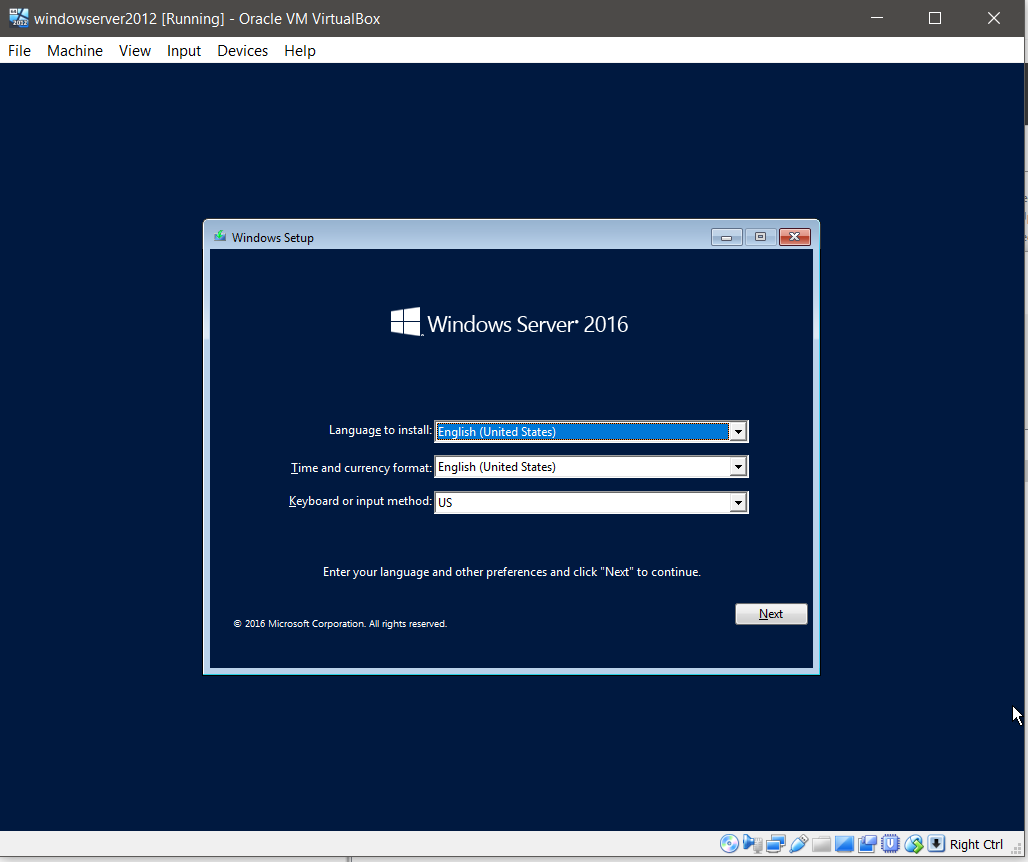


* Configure DNS:
* Go to window server 2016 and set IP Address
* Go to window server 2012 and set IP Address too. See like the picture
* When we set IP Address for window server 2016 and 2012 already, we can see Domain Controller of both windows.



* Go to Cmd of window server 2012 and do like picture, we need to move class role of window server 2012 and check Domain Controller on the window server by comment in this picture



* Uninstall demote of domain controller 2012
* Install window server 2016