



Republic of the Philippines

## BULACAN AGRICULTURAL STATE COLLEGE

### Institute of Computer Studies

Pinaod, San Ildefonso, Bulacan, Philippines 3010

Telefax Nos: (044) 762-1427 / (044) 762-0120



### IT 213 – LABORATORY 2

Name: Castillo Carlos Manuel C.

Course & Section: BSIT-4C

Score: \_\_\_\_\_

Date: 1/09/2025

Domain Controller : Installing and Configuring ADDS Server Role

Instruction: Fill up the blanks and in each item, provide a screenshot, submit this file in PDF using this file name format SurnameFirstName\_CourseandSection\_LaboratoryNumber.pdf  
Example: DelaCruzJuan\_BSIT4A\_Laboratory1.pdf

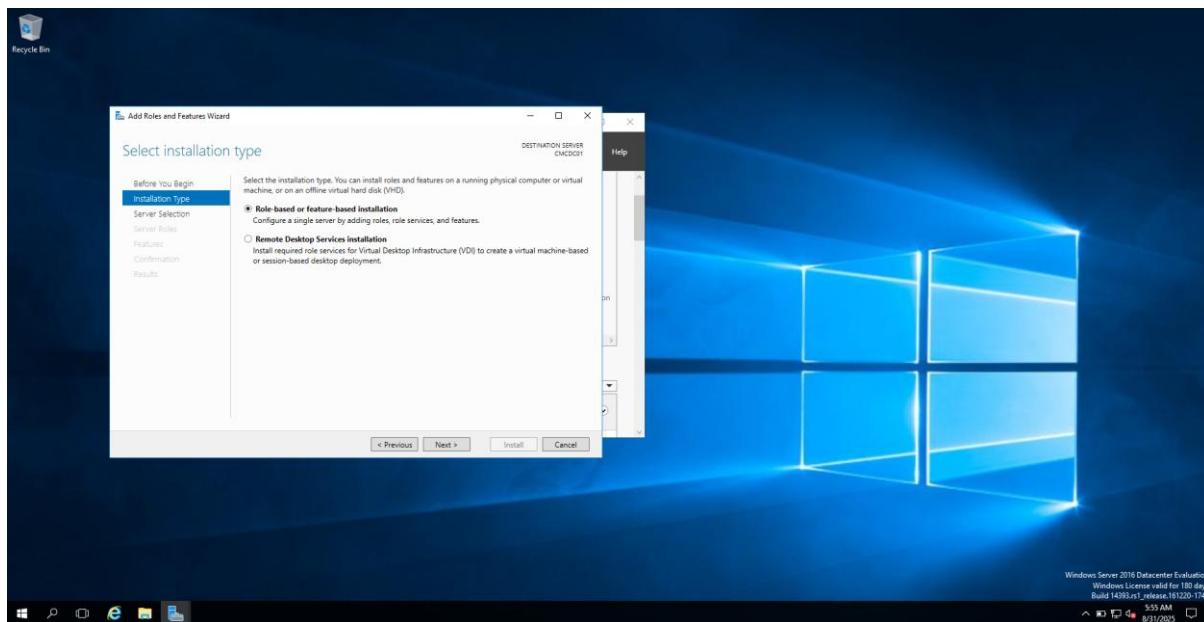
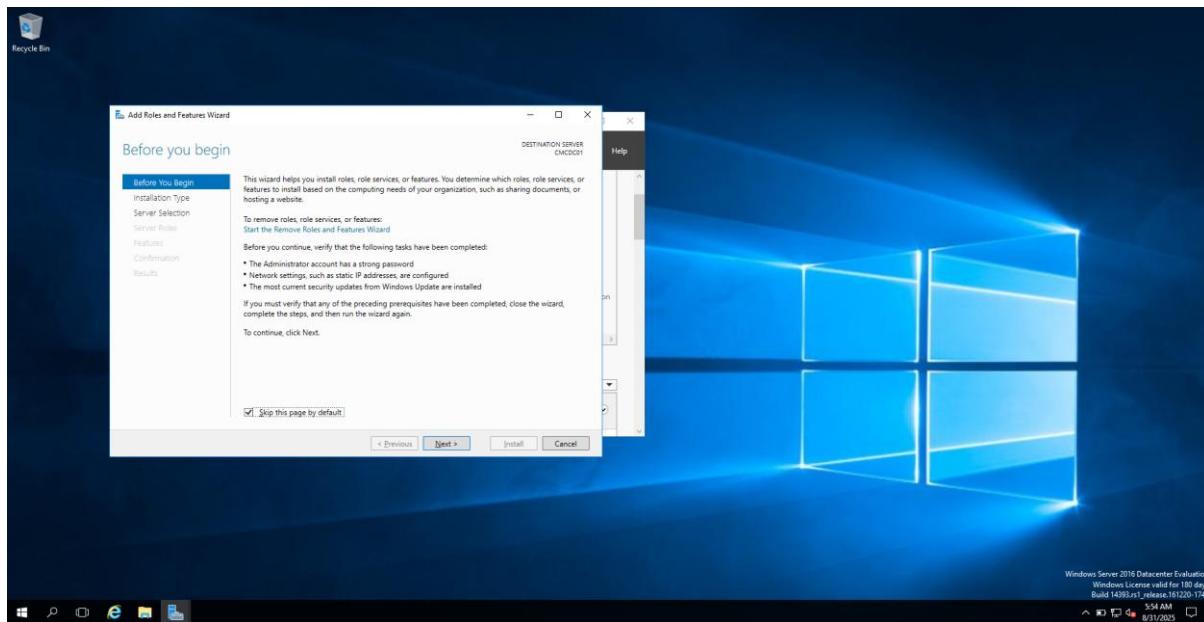
1. Before starting, Install Guest Addition Image
2. **For 25 Points:** Making your Server a Domain Controller:
  - a. In windows server 2016, Open server manager, click manage tab > Add Roles and Features
  - b. Check skip this page by default > Click Next (Before you begin) > Make sure Role-based or Feature-based installation radio-button is set
  - c. click Next (Installation Type) > Make sure to click Your Initials + DC01 (e.g DFMDC01) hit Next (Server Selection) >
  - d. Check Active Directory Domain Services, click Add Features, hit Next (Server Roles Tab) >
  - e. Click Next (Features) > Hit Next (AD DS) > Hit Install (Confirmation) Wait for the installation to finish.
  - f. Click Promote this server to a domain controller (Flag icon) > Click add new forest in radio button > In root domain name use Your Initials + . local (eg. DFM.local) hit Next (Deployment Configuration)
  - g. > use P@\$\$w0rd! as your password , make sure DNS server is check and the forest functional level is windows server 2016 hit next (Domain Controller Options) > hit Next (DNS Options) >
  - h. Double check if your NETBIOS domain name is your Initials, hit Next (Additional Options) > Click Next (Paths) > hit Next (Review options) > Hit install (Prerequisites check) > wait for the installation to finish.
  - i. Restart your computer
3. **For 25 Points:** Configuring windows 10
  - a. Change the name of your Windows 10 to ITSWS01
  - b. Set the IP configuration using 192.168.0.100 for IP address
  - c. Disable IPv6
  - d. Preferred DNS to 192.168.0.10 (this is important)
  - e. Default Gateway 192.168.0.1
  - f. Subnet Mask: 255.255.255.0
  - g. Restart your Computer
4. Connecting your windows 10 to Domain Controller
  - a. Make sure that both windows 10 and windows server is running
  - b. Open windows 10, type Access your work / school account in search bar
  - c. Click Connect Account, at the bottom > Click Join in Local Active Directory Domain
  - d. Type your configured domain .local > hit next
  - e. In username and password > enter administrator as username and P@\$\$w0rd! for the password > hit restart.



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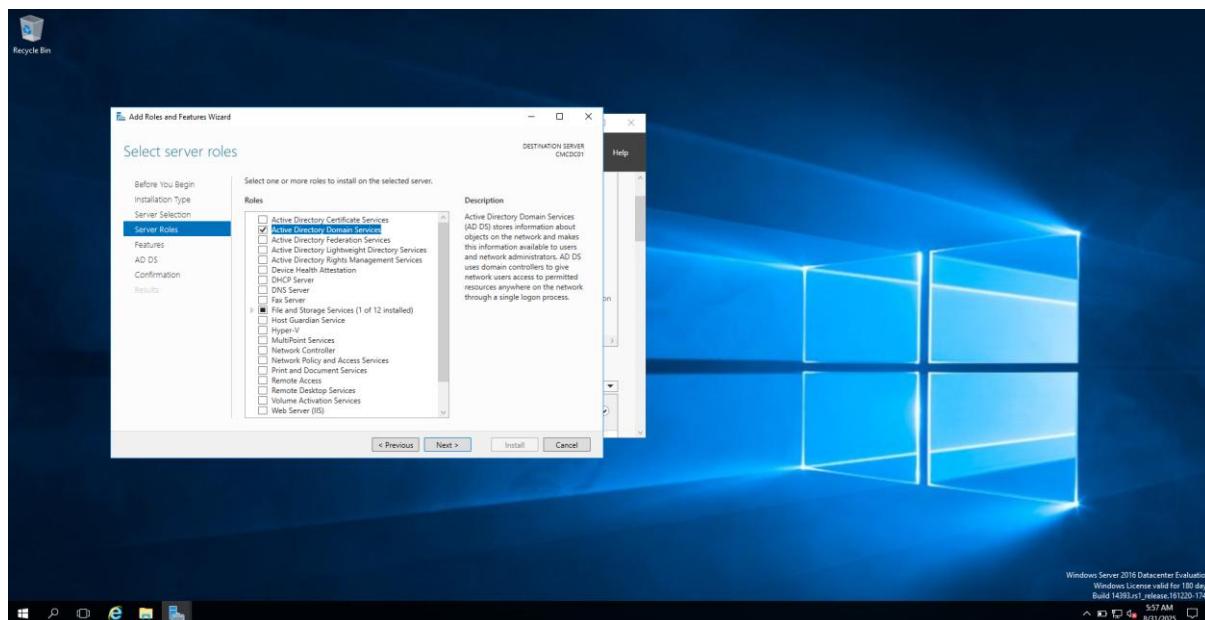
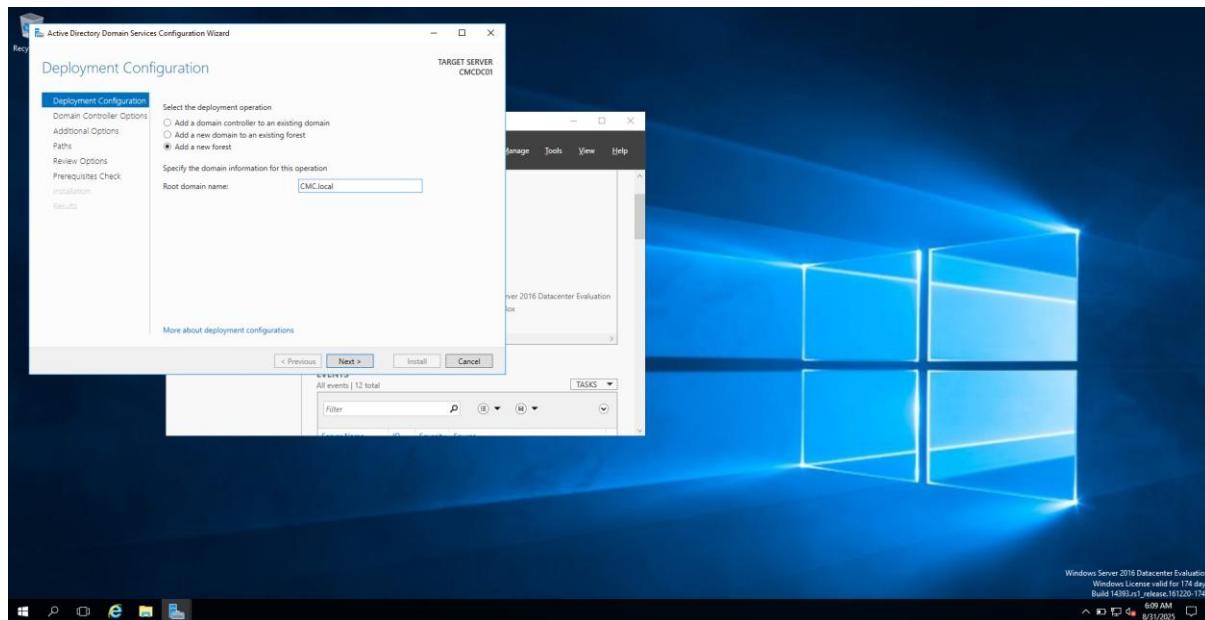


5. In windows server 2016 > Click Tools Tab > Click Active Directory Domain Services > Expand the computers > Show the ITSWS01 in your video





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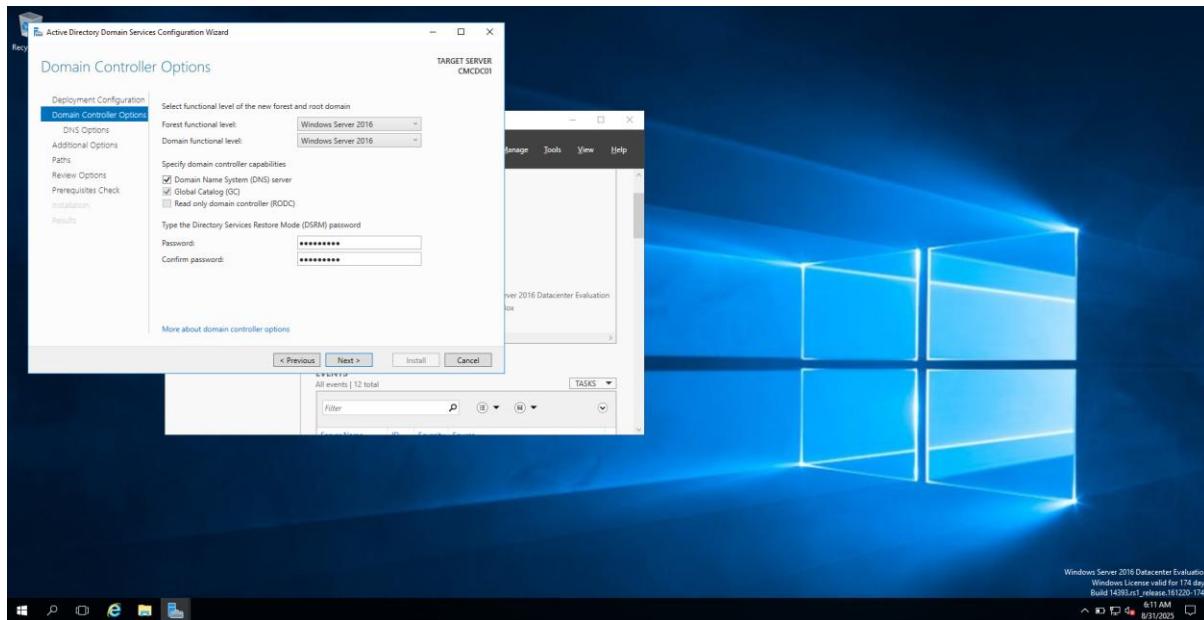
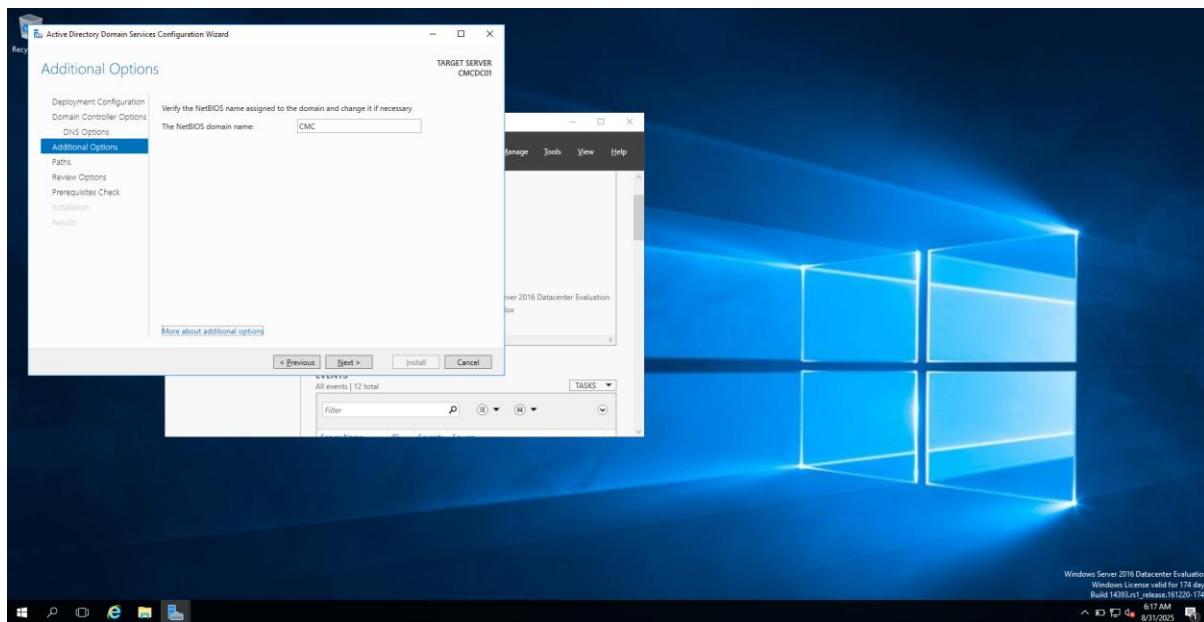


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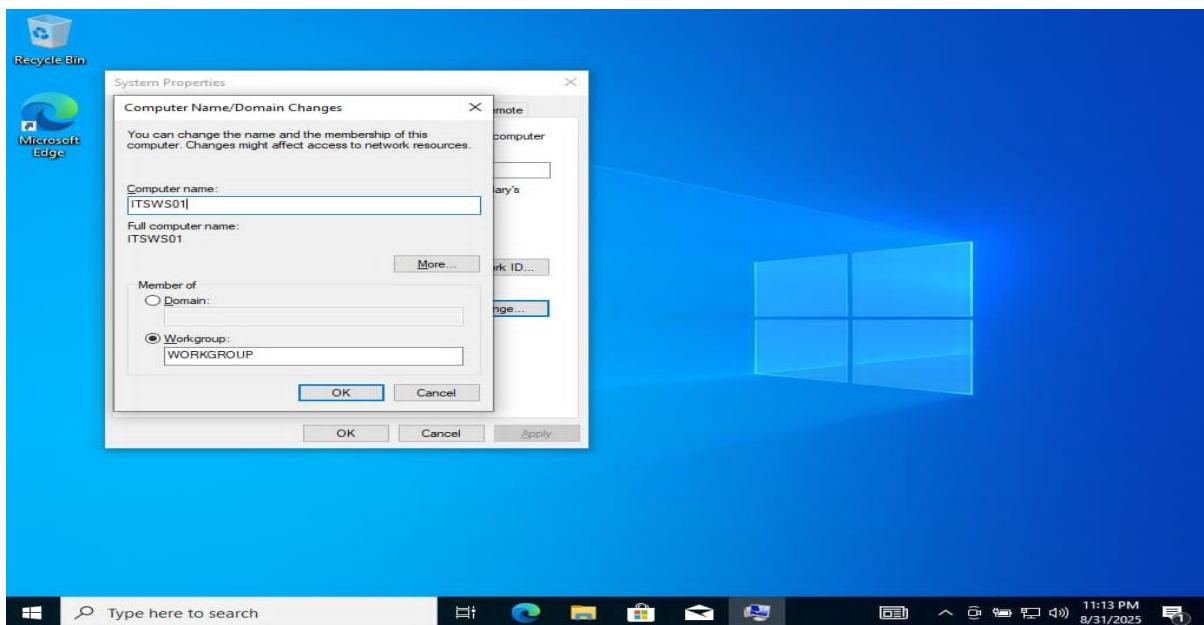
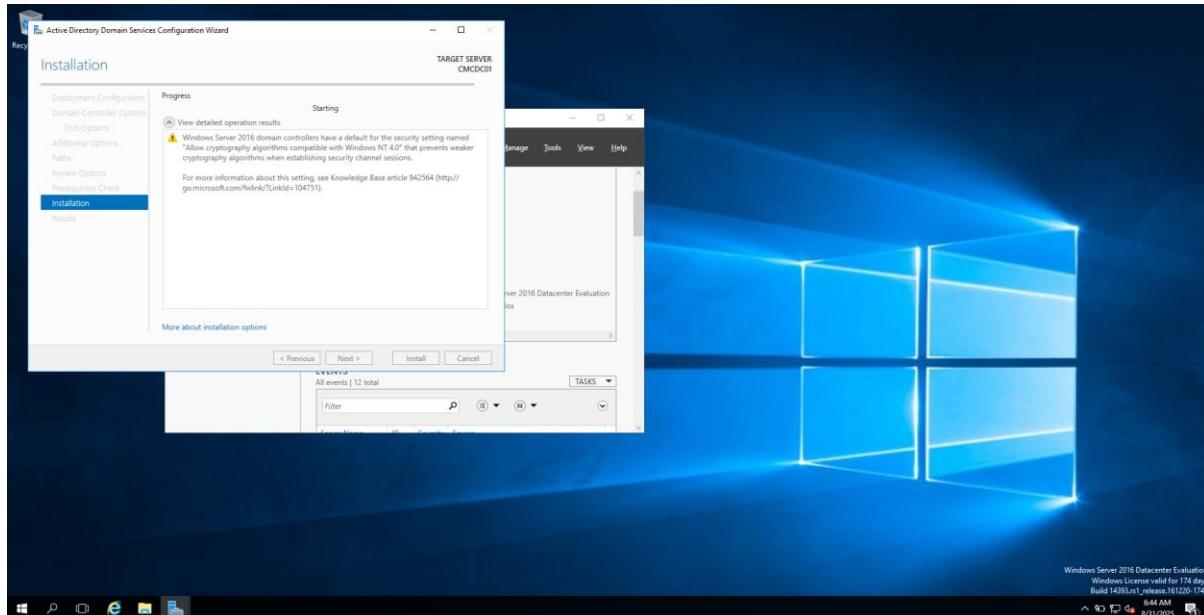


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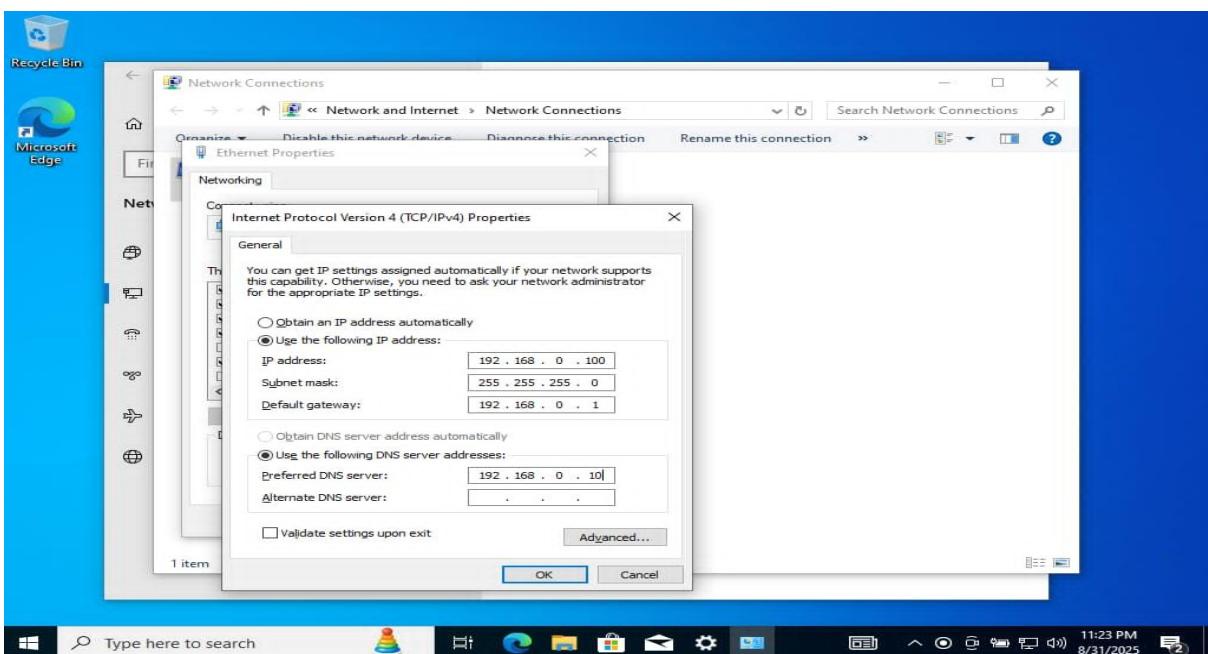
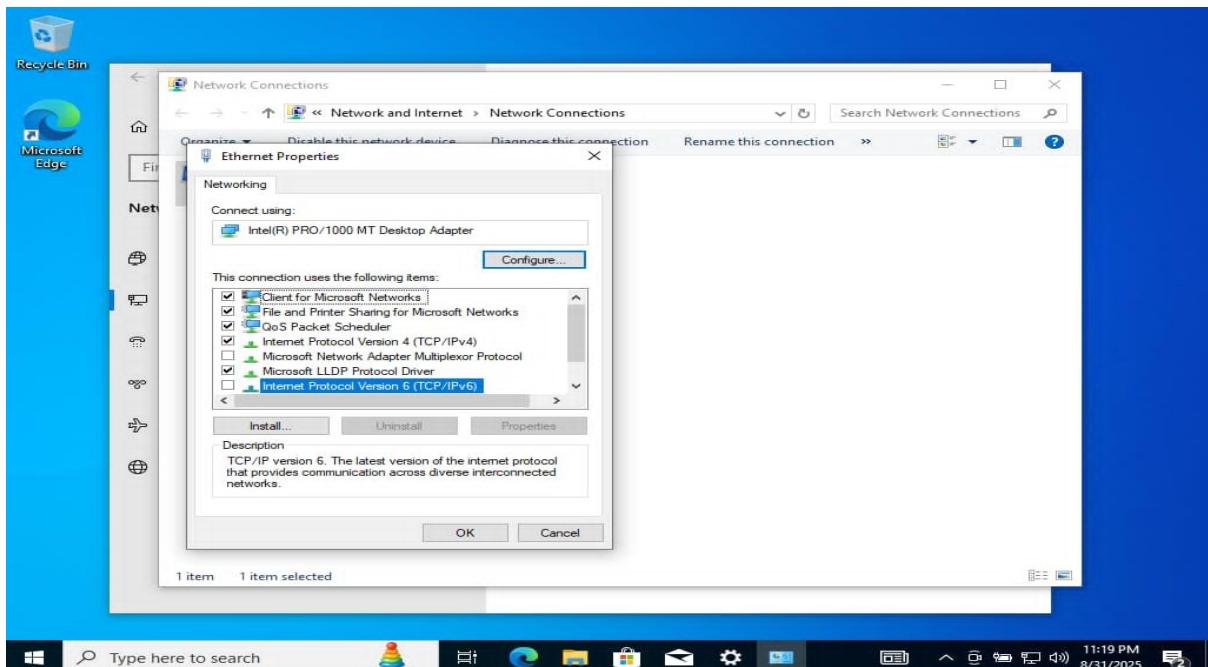


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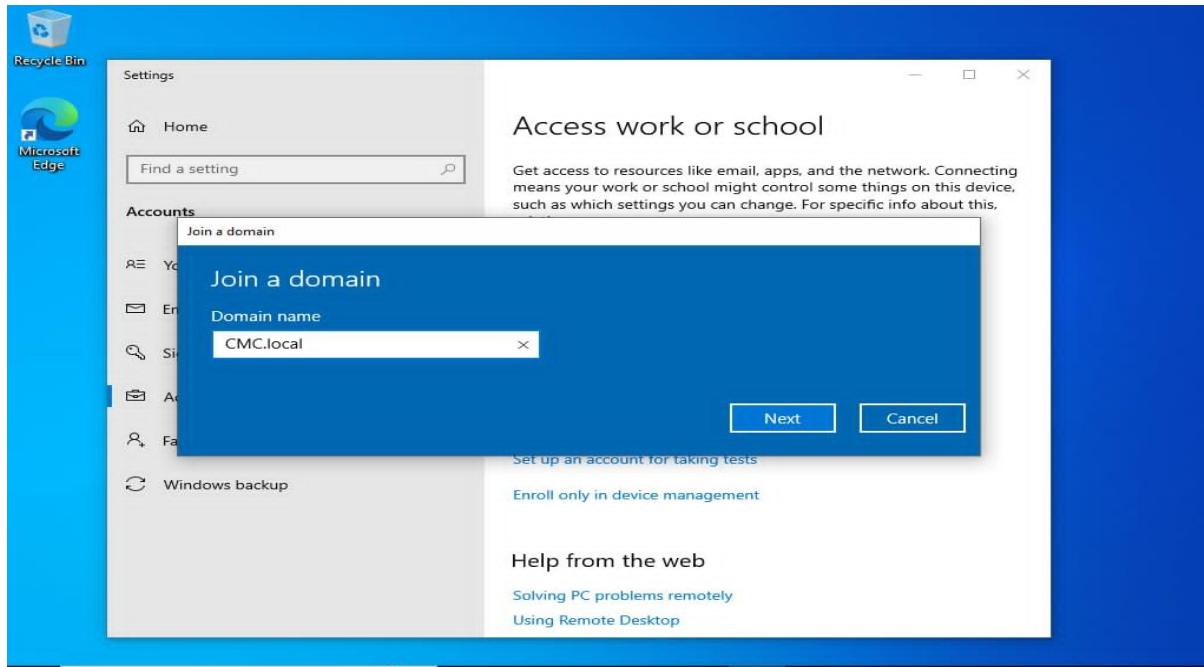


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Screen Recording 2025-09-01 000851.mp4