INSTALLING ACTIVE DIRECTORY DOMAIN SERVICES (WINDOWSSERVER 2008R2)

1. Click start

2. Right click computer

3. Click manage or search server manager in the search box

4. Click Roles

5. Click add roles

6. Next

7. Check the Active Directory Domain

DCPROMO INSTALLATION (PC server first then PC client)

1. Click start

2. Search "cmd" on the search box or windows button + R then search "cmd"

3. Click OK or enter

4. Type "Dcpromo"

5. Check use advanced mode installation

6. Next

7. Next >Check Automatic correct the problem by installing DNS

8. Click create a new domain in a new forest

9. Next

10. Write your YOURNAME.com (Example: CDM.com)

11. Next

12. Next

13. Choose Windows 2003

Services (ADDS)

8. Click add features requirements (if there is)

9. Next

10. Next

11. Click Install

12. Wait until it finished

13. Click close

14. Restart

14. Next

15. Next

16. Click DNS server (if there is a check already, just leave it)

17. Click Yes

18. Next

19. Write your password (Example: Css@2021)

20. Next

21. Next

22. Check reboot on completion

23. Wait until finished

24. Go to PC client

25. Click start

26. Right click computer

27. Click properties

28. Click change settings

29. Click Change

30. Click domain

31. Input the created Domain example: CDM

32. Ok

33. Input Username and Password of the PC server (Administrator, Css@2021)

34. Wait until finished

35. <u>PUT DNS SERVER ADDRESS FROM YOUR SERVER</u>

36. Restart PC client

<u>TROUBLESHOOTING TECHNIQUES</u>

CLIENT CANNOT JOIN TO THE DOMAIN

- Check LAN card driver of both PC make sure that it is installed

- Check IP address. Make sure it is in the same subnet (Example: 192.168.1.1 and 192.168.1.2)

- Change IP address

- On the Add Roles, check DCPROMO status and try to restart it

- Restart your system

- Check Both Computer Name (It must be Different Computer Name)

- Re-install DCPROMO

- Install Fresh Server 2008 R2

<u>FILE SERVICES INSTALLATION (PC SERVER ONLY)</u>

1. Click start

2. Right click computer

3. Click manage

4. Click roles

5. Click add roles

6. Next

7. Check file services

8. Next

9. Check file server resources manager and windows search service

10. Next

11. Next

12. Click Install

13. Wait until finished

14. Click close

15. Restart

<u>FOLDER REDIRECTION CONFIGURATION (PC server first then PC client)</u>

1. Go to Drive d:

2. Create new folder rename it to ICT 2nd

3. Right click, share with

4. Everyone make it read/write, Click Share

   Take Note the network path of the shared folder, Example<u>\\SERVER-WIN2008\Redirection</u>

5. Click Done

6. Click Server Manager

7. Click (+) Roles

8. Click (+) Active Directory Domain Services

9. Click (+) Active Directory Users and Computers

10. Click (+) Domain you created

11. Right click the domain you created

12. Click new>Click Organizational Unit

13. Write name of organizational unit (Example: Your name)

14. Check the protect container from an accidental deletion

15. Click OK

16. Right click your created Organizational Unit

17. Click new>User

18. Fill up the form FirstName,LastName,FullName ,UserLogon Name

19. Click Next

20. Uncheck user must change password at next log on

21. Check the user cannot change password and password never expire

22. Input your password Ex, Kvshs2018

23. Click Next

24. Click finish

25. Go to Client-Win7then Login your created users

26. Click start

27. Click expansion on the shutdown

28. Click switch users

29. Click Log in other user

30. Input the created user account Example: juancruz

31. Back to PC server

32. Click start

33. Click administrative tools

34. Click Group Policy Management

35. Click (+) Forest: Domain name

36. Click (+) Domains

37. Click (+) Domain Name you created

38. Right click the Organizational Unit

39. Click Create GPO in this domain

40. Input GPO name >ok

41. Select the GPO then right Click Edit

42. On right side of your screen Double click User Configuration

43. Double Click Policies

44. Double Click Windows settings

45. Double Click Folder Redirection

46. Right click Desktop

47. Click Properties

48. Click Dropdown menu>Select Basic-Redirect everyone's folder to the same location

49. Paste the root path of the folder created in drive D: example: \\SERVER-WIN2008\Redirection

50. Click Settings Tab

51. Check also apply redirection policy and check redirect the folder back to the local

52. Click apply

53. Click OK

54. Apply the same configuration in

TROUBLESHOOTING TECHNIQUES

1. Folder redirection cannot locate

   - Double Check the address path

2. Failed to Redirect Folder

   - Delete all the existing redirection folder then create new folder redirection and then try again

   - Format the drive before create new folder redirection

Documents folder

55. Back to the created GPO

56. Right click Enforced

57. Click OK

58. Click start

59. Go to "cmd"

60. Type "gpupdate/force"

61. Type "y" if there is a choice of "y/n" pop out on the cmd if there is no such thing then proceed

62. Restart PC

CHECKING THE FOLDER REDIRECTION (PC SERVER AND PC CLIENT)

1. Go to PC client

2. Create folder on desktop and documents

3. Go to PC server

4. Check the created folder in drive D:

DHCP INSTALLATION (PC SERVER ONLY)

Note: Before you install DHCP make sure you remove the internet connection from the ISP

1. Click start
2. Right click computer
3. Click manage
4. Click add roles
5. Next
6. Check DHCP server
7. Next
8. Next
9. Next
10. Next
11. Next
12. Click add
13. Fill up the add scope
14. Put the scope name (Example: YOUR NAME)
15. Put the starting IP address (Example: 192.168.9.22)
16. Put the starting IP address (Example: 192.168.9.100)
17. Click OK
18. Next

CONFIGURING ACCESS POINT

1. Power on the Access point
2. Use solid wire to reset the Access Point
3. Connect the one end of CAT5 cable to

19. Click Disable DHCPv6
20. Next
21. Next
22. Click Install
23. Wait until finished
24. Restart PC

CHECKING THE SCOPE (PC CLIENT ONLY)

1. Click start
2. Click control panel
3. Click network and Internet
4. Click network and Sharing
5. Click adapter setting
6. Right click Local Area Connection
7. Click properties
8. Double click IPv4
9. Obtain IP address
10. Go to command prompt (cmd)
11. Type "ipconfig/all"
12. Look at the IPv4 preferred IP address if it is within the scrope range of starting IP address and the ending of IP address

   the PC and other end to the access point
4. Configure The IP Address Change it to Obtain an IP Automatically

5. Open any Web Browser

6. On the address bar type the existing Url of the Access Point http:// dlinkapor 192.160.0.50 you can locate this under the access point

7. New page will pop-up (Make sure it contain the login page for the Access Point)

8. User Name: Admin   Password: There is no configure Password yet Just click Log -in

9. On the wireless connection setup wizard page

10. Click Launch Wireless Setup Wizard

11. Click Next

12. On Wireless mode Choose Access Point

13. Click Next

14. Input your WiFi new Network Name

    And Network password

15. Click Next

16. Click Save

17. After configuring the Access Point remove the Access Point from the PC

18. The connect it to the patched ISP port

19. Then connect your phone for checking

20. Open Any Website in your Cellphone

HOW TO CREATE REMOTE ACCESS
SERVER
1. Click Start
2. Control Panel
3. System and Security
4. System
5. Advance System settings
6. Go to Remote Tab
7. Click Allow connections
8. Click Ok
9. Click Apply

10.   Finish

Checking:
- Click start On Search box type Remote Desktop
- Click remote Desktop Connection (RDC)
- Click Options to view full details
- Enter the computer name of the remote computer

CLIENT
1. Click Start
2. Control Panel
3. System and Security
4. System
5. Advance System settings
6. Input User account
7. Input Admin Password
8. Go to Remote Tab
9. Check Allow Connection from computers
10.   Click Apply
11.   Click Ok