

Automated AV and AD Deployment Guide
For
Core System Integrator (CSI)
For
DEPARTMENT OF POSTS
Ministry of Communications & IT, Government of India

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Version 1.0

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Document Details

Name	Version Number	Description
Automated AV and AD Deployment Guide	Version 1.0	Instruction guide for using Automated AV and AD deployment

Revision Details

Action Taken (add/del/change)	Previous page number	New page number	Revision description

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1 AUTOMATED AV AND AD DEPLOYMENT

1.1 Purpose

Deployment tool has been developed to automate the steps involved in preparing the prerequisites needed for AV installation & domain joining, performing auto installation of anti-virus, and joining of system to “Indiapost” domain with minimal user intervention.

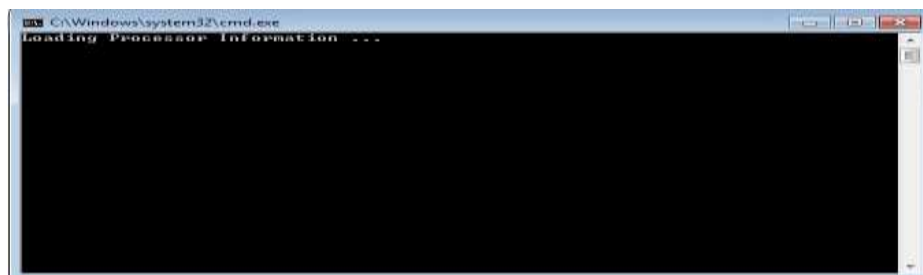
1.2 Execution Steps of Script

Execution steps for initiating the automated AV and AD deployment script are as below:

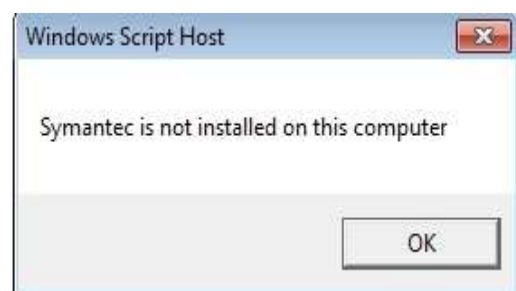
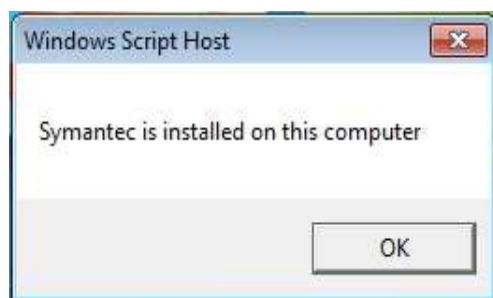
- a. User has to login into the PC with administrator equivalent privileges and type the following URL in the browser <http://172.19.64.105:8080/SoftwareDistribution> to download the executable and click on “Run” to start the installation



- b. Once the Scripts starts running, below screen appears in which Script is checking for Server OS and/or MSSQL instance. If the match is not found, script will perform the next steps else exit from automated installation and user need to go for manual approach.

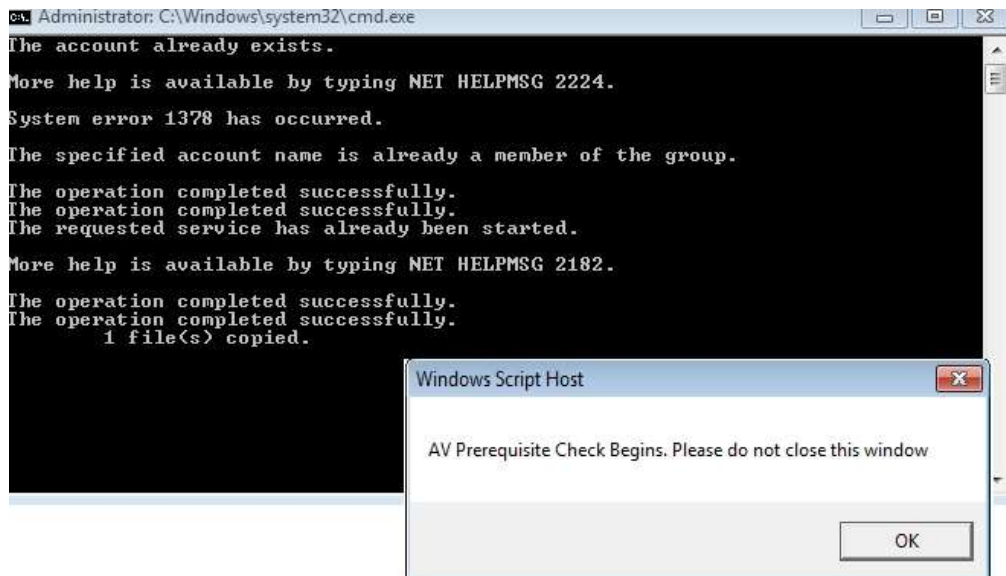


- c. Post Check, Script runs further to check if Symantec AV is installed or not. After Check, Below Screen appears for 10 Seconds.

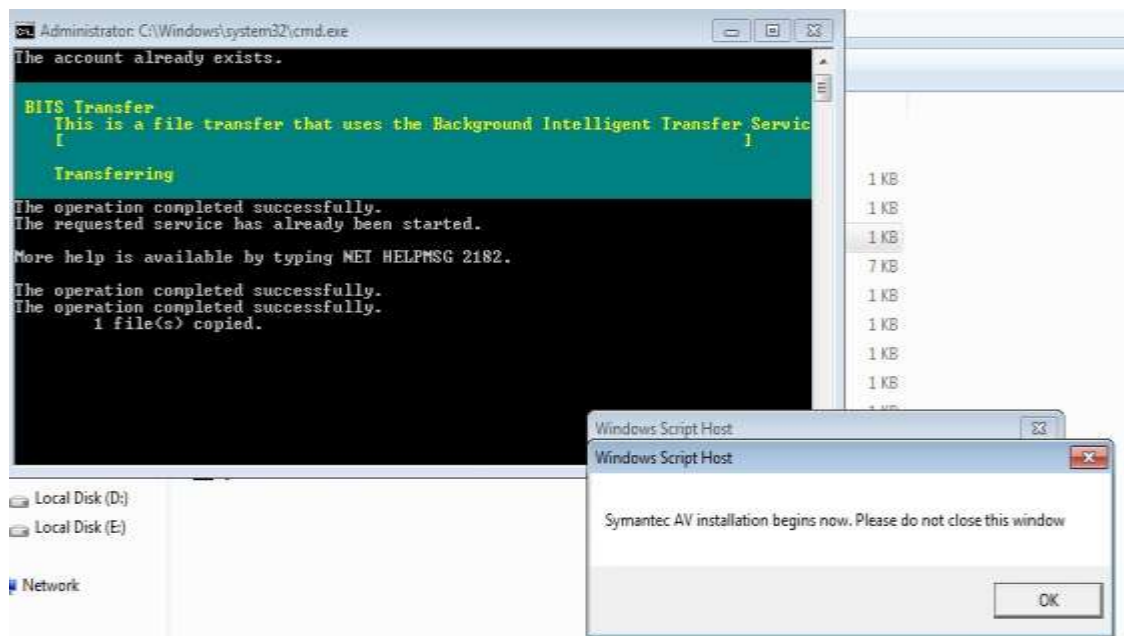


- d. Based on the outcome of above check, Script will redirect to either AV Installation or Domain Joining. If AV is already installed on the system, script will skip the AV installation part and directly invoke the domain joining part.

Part of AV installation script, it will configure all required prerequisite as depicted below



- e. Once prerequisites are set, Script will start downloading the AV Setup and below screen appears.



- f. While the download is happening, users can perform their day to day work by minimizing the Window. **Caution:** Do not close this window. (As the download is of heavy size and configured to use the idle bandwidth, it may take longer to download the setup file)

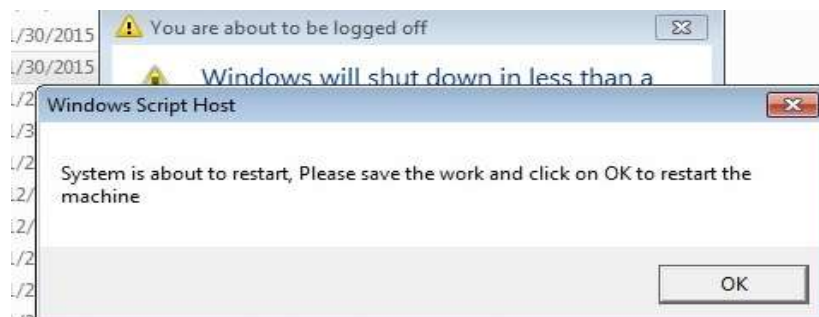
- g. Once the AV is installed in the machine, Script will start the process of hostname Configuration. First, System will show the new Hostname:



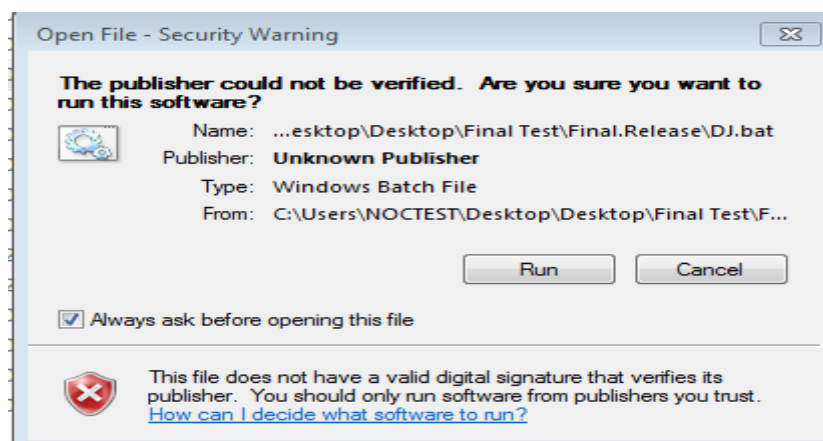
- h. User has to click OK for next step execution. Post this, Script will check for new hostname in the AD and give the below message:



- i. User has to click OK for further script execution.
- j. Once the hostname is configured, Script will ask for a restart and restart the system forcefully in next 120 seconds. User has to save their work and click OK for restart.



- k. Once system restarts, System will ask for permission to run a file. Users have to click on run:



- i. Post clicking on Run under step K, the activity of CSI AV Installation and Joining of PC to the CSI AD Domain is completed successfully.
- j. Refer the immediate section (Section 2) for AD related configuration for legacy application functionality. For Single handed post office configuration changes, refer to Annexure 1.

2 CONFIGURATION FOR LEGACY APPLICATIONS POST AD JOINING

2.1 Access legacy applications in Indiapost domain using Work Group/local machine user id

- To access existing DoP legacy applications, user profile changes are not required.
- Please provide the DoP local server name (Site specific) for Sanchey Post and re-run Online Transaction module.
- For the other applications. If required use the following procedure.

Example;

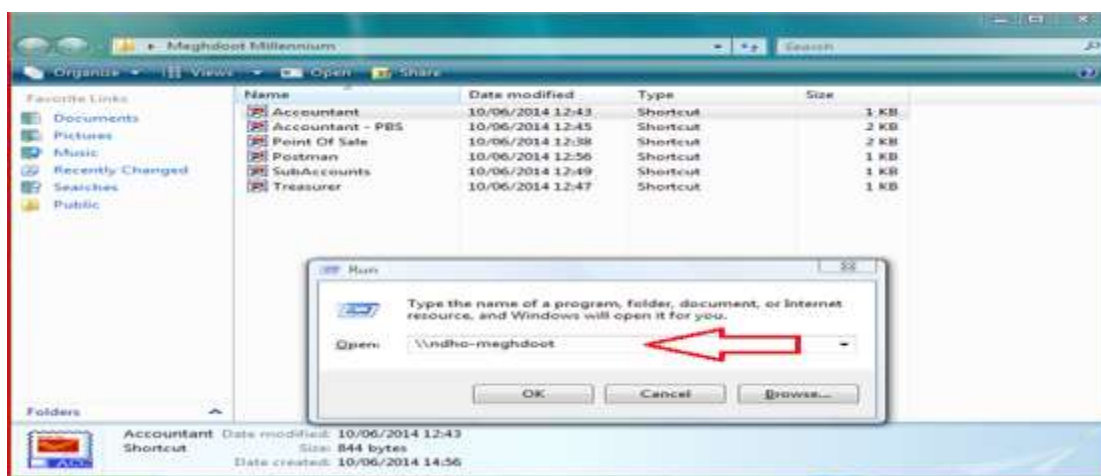
Go To Start -> Click on Run -> Type [\\servername](#) -> Click ok.

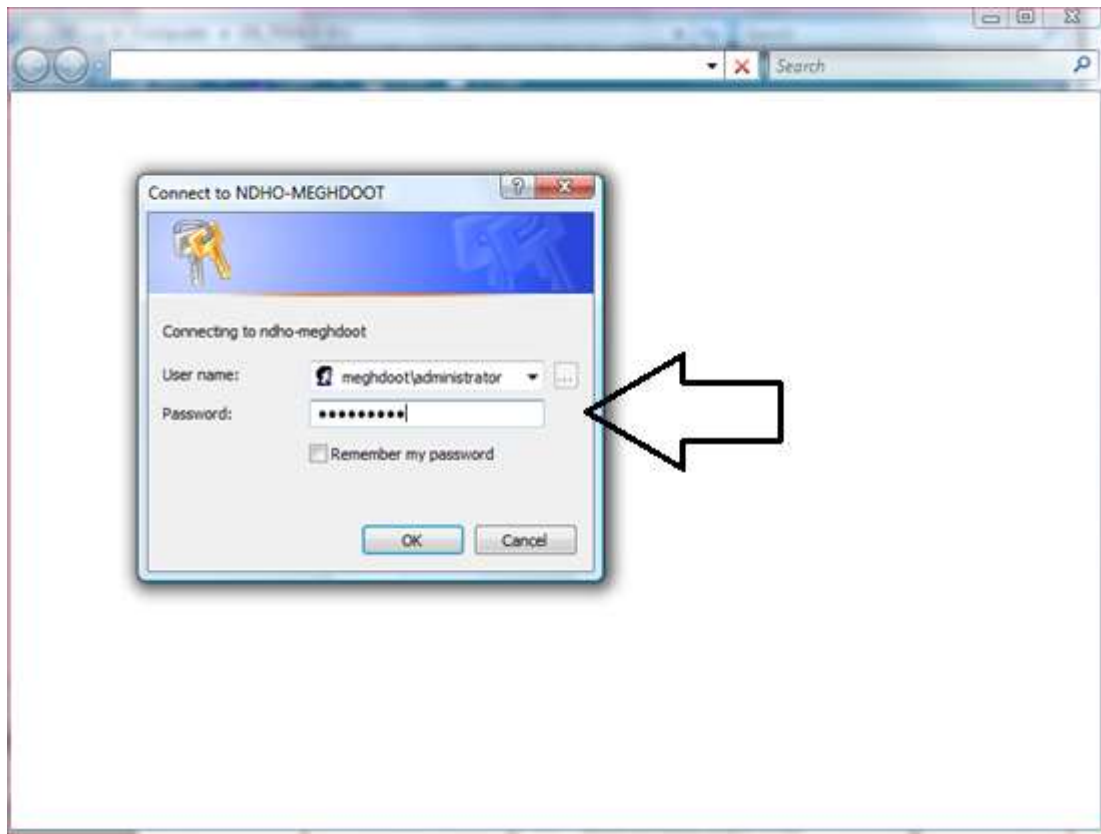
For eg [\\ndho-meghdoot](#)

- After Migration from Local AD or WorkGroup to New Indiapost.gov.in Domain, please check the following settings;
- Right Click on Computer /My computer -> Click on Manage -> Expand Local Users & Groups -> Click on Users -> Check Administrator Account -> Status should be **enabled**.

2.2 Access Dop Applications using indiapost domain user id

- Login with IndiaPost.gov.in provided Domain Username and Password.
- Please access Local server using [\\servername](#) (site specific) using local server\username and password and select remember my credentials;





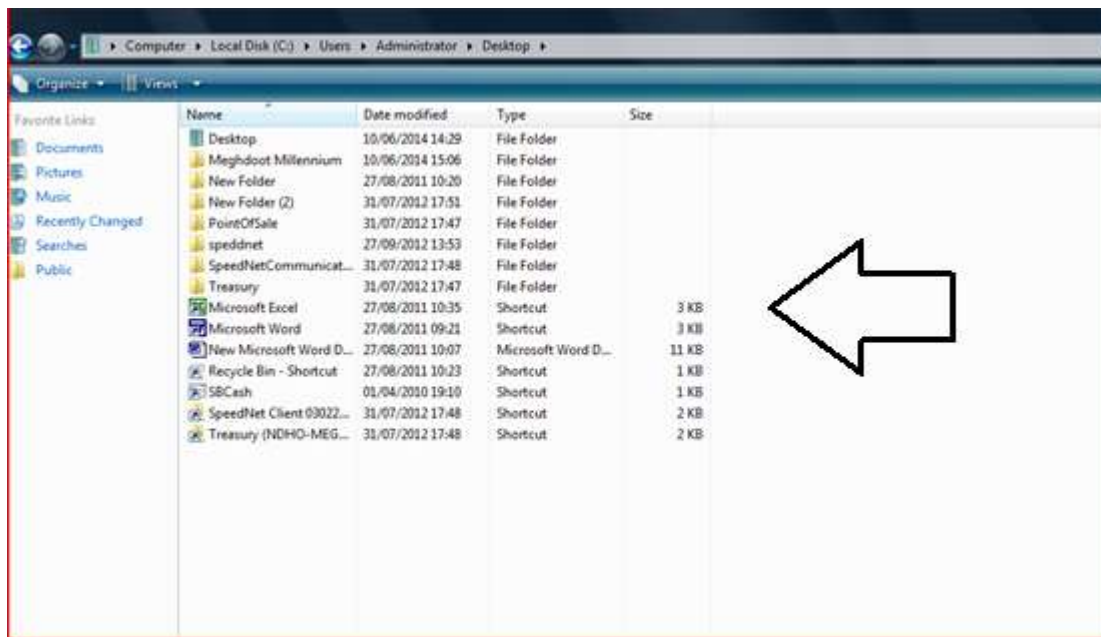
- To access the legacy applications, user first requires to access the local server
- If legacy applications do not work, user needs to re-configure (uninstall & re-install the legacy applications and provide the path of legacy applications database).

For example Sanchey Post Application

- Note: Local username & password will be as in below form;

Local Domain\username& then **password**, click on **Remember my password** box.

- User needs to copy all the shortcuts if they are available in DoP local user profile. Else can be copied using following method.
- Please find the steps below for coping the shortcuts;
 - ✓ Go to Computer / My Computer -> Click on C:\ Drive -> Click on Users -> Click on Local User Name (Example XYZ) -> Click on Desktop -> Copy all the shortcuts from there and paste it to your New user profile desktop;

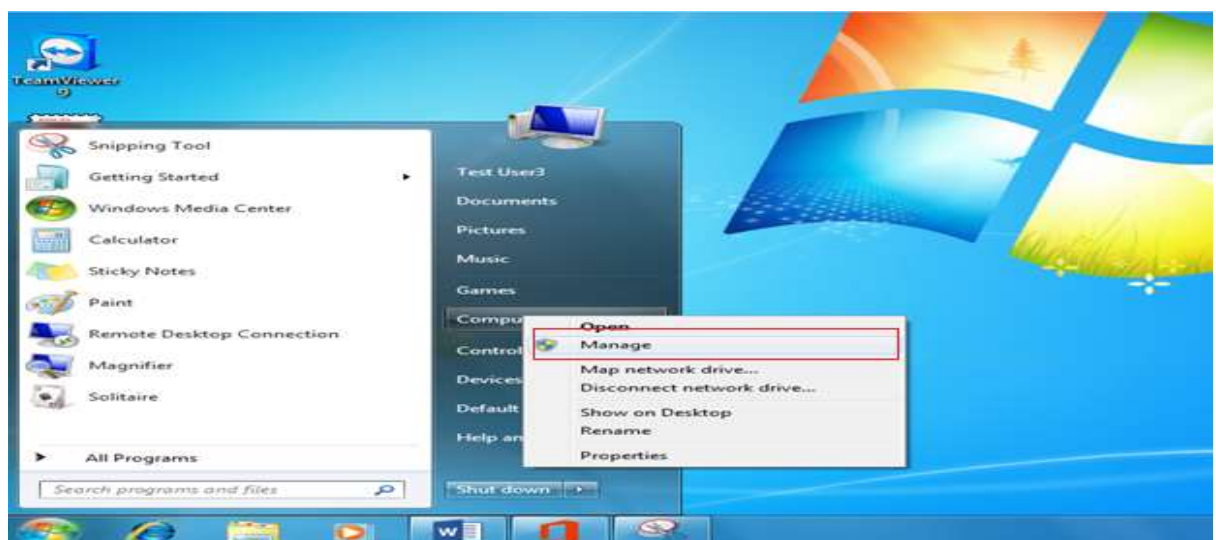


Meghdoot – Accountant, Point of Sale & Speed Net

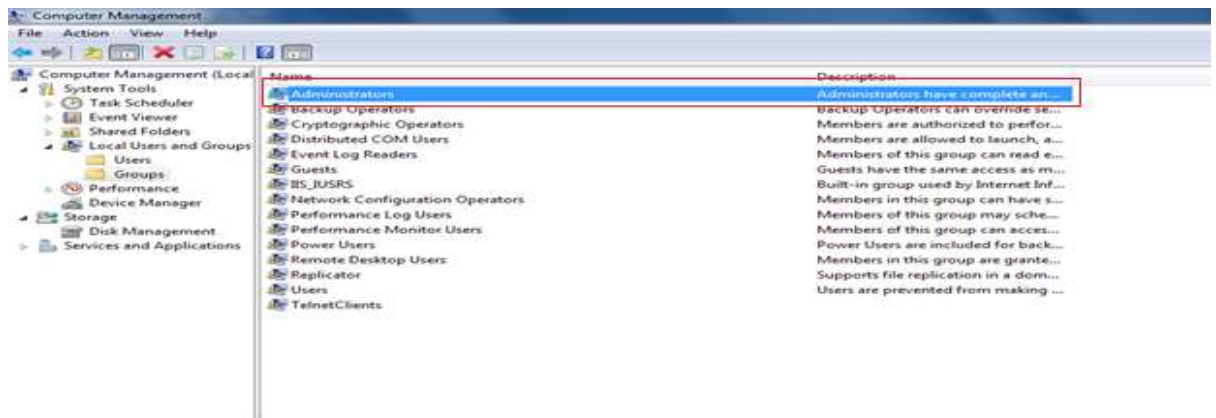
Please follow the below steps for accessing Meghdoot – Accountant, Point of Sale & Speed Net using IndiaPost.gov.in Domain user account.

Local Admin rights to India Post Domain User;

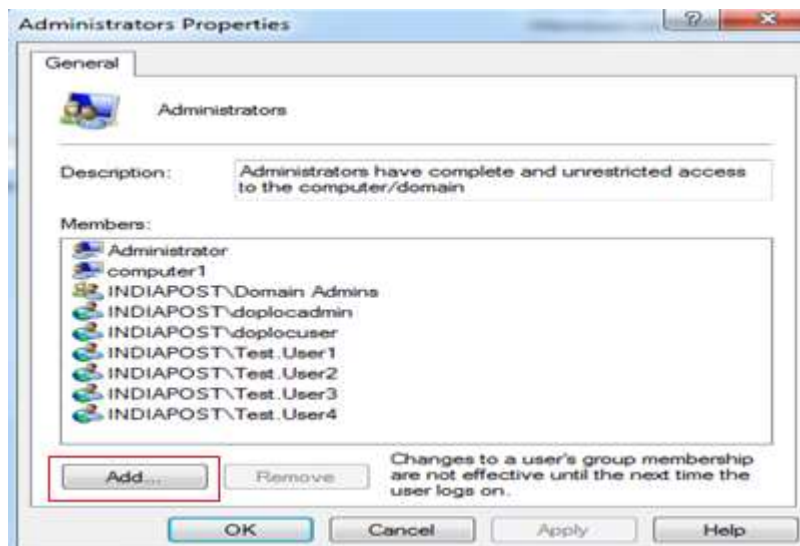
- Login with local machine user -> Right Click on Computer / My Computer -> Click on Manage



- Click on Local Users and Groups -> Click on Groups -> Double click on Administrators



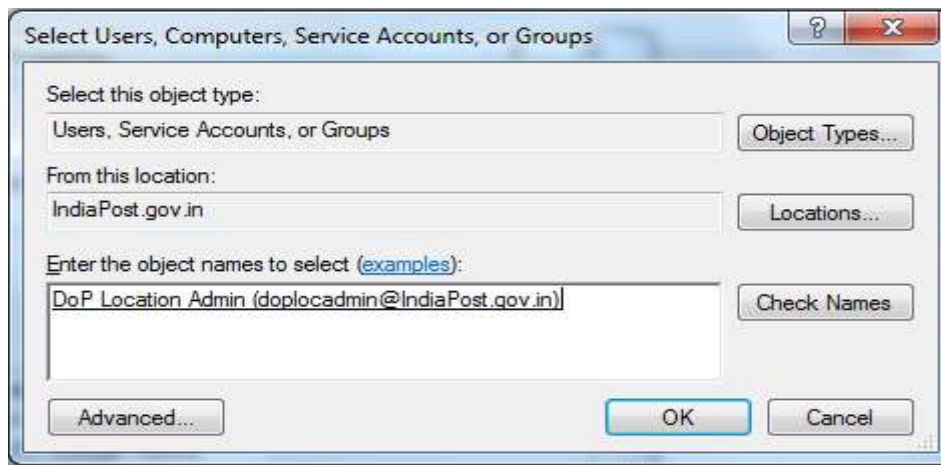
- Click on Add



- Enter the credentials indiapost.gov.in domain user account as mentioned below.

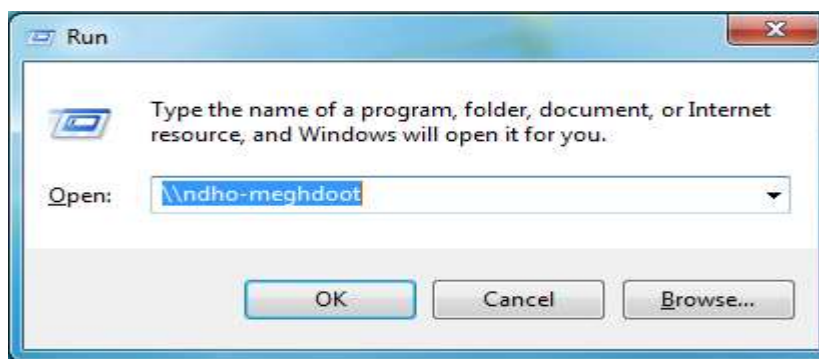


- Type IndiaPost Domain user -> Click Check Names -> Click OK

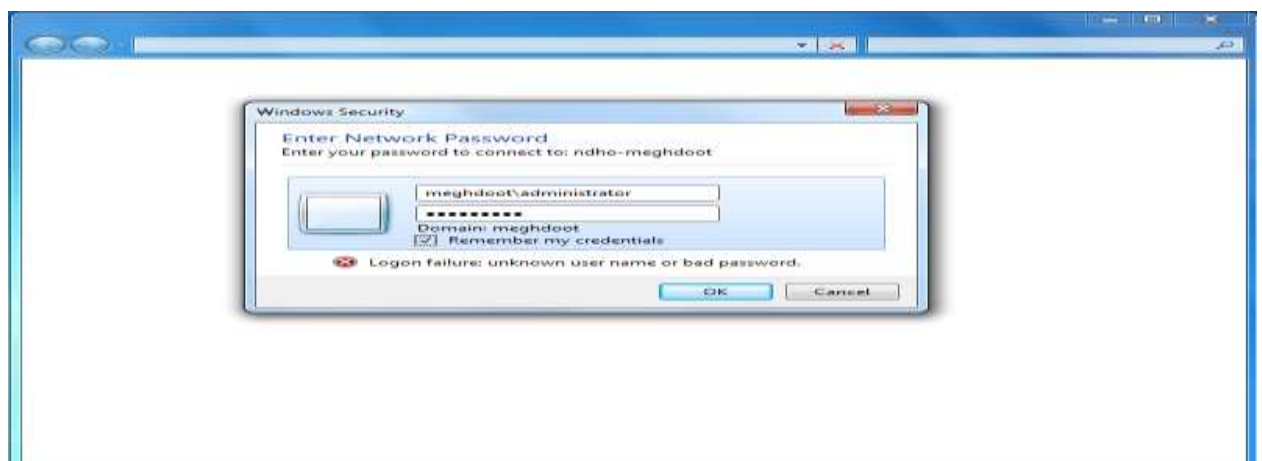


POINT OF SALE

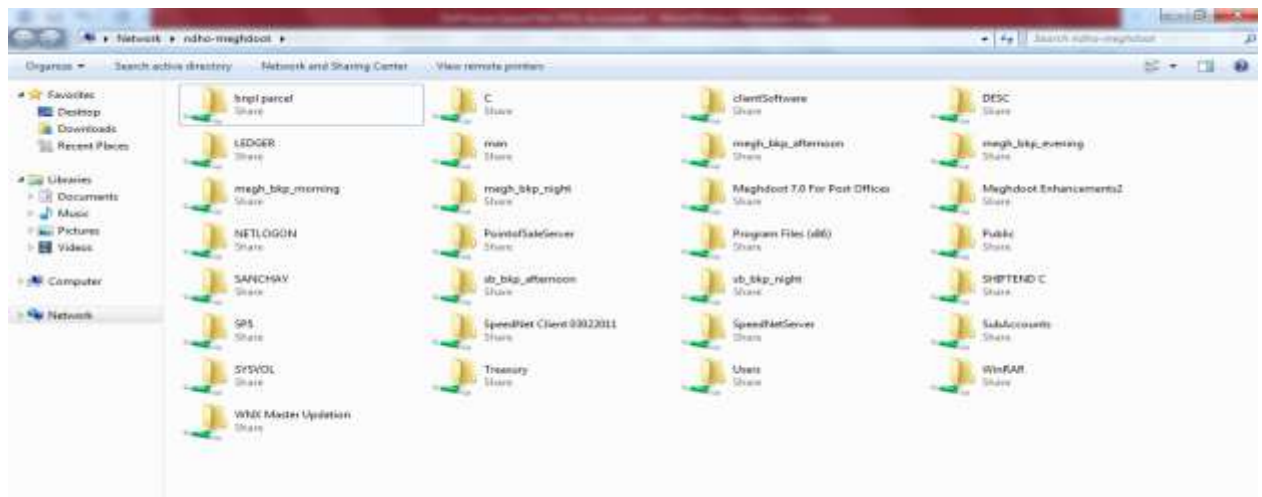
- Access local server using network path **\\servername** -> Click OK



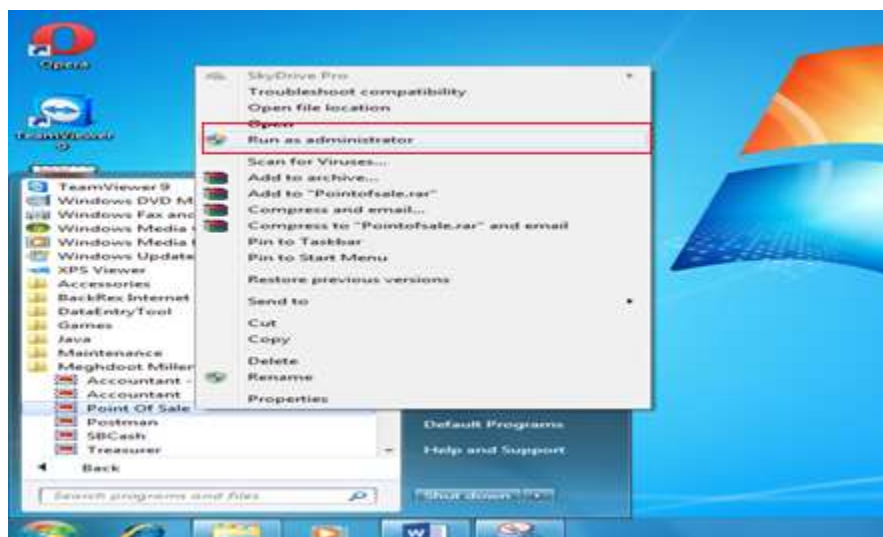
- Mentioned the Local AD Administrator or local system administrator credentials and access the local server -> Click OK



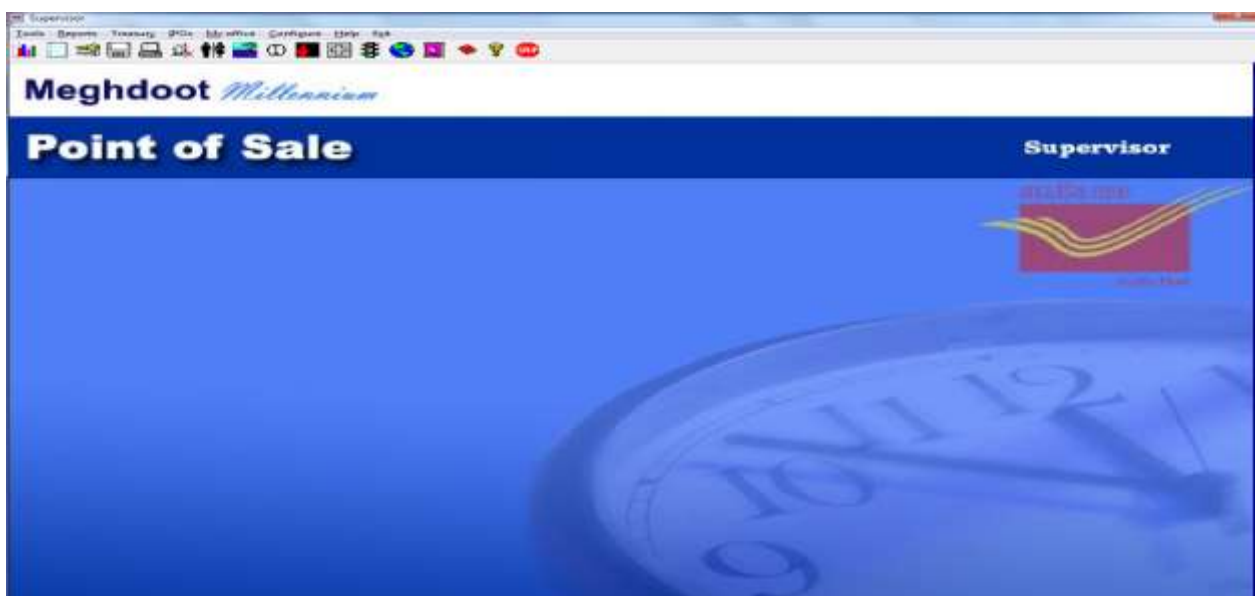
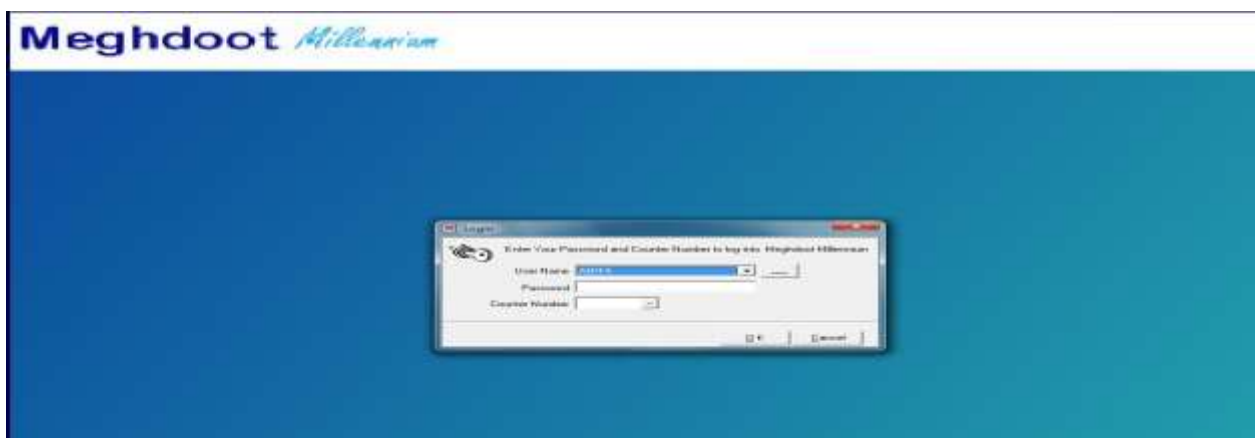
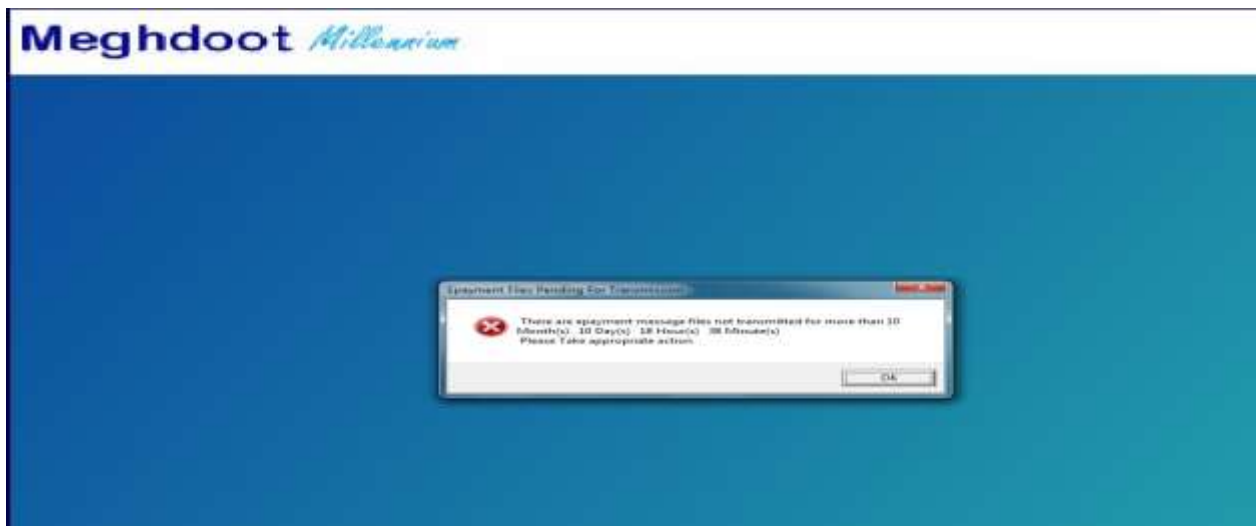
- Below is the example;



- Go To All Programs -> Click on Meghdoot folder -> Right Click on Point of Sale -> Click on Run as administrator.
- For better results, create a shortcut from the server shared folder itself, instead of local installed application.



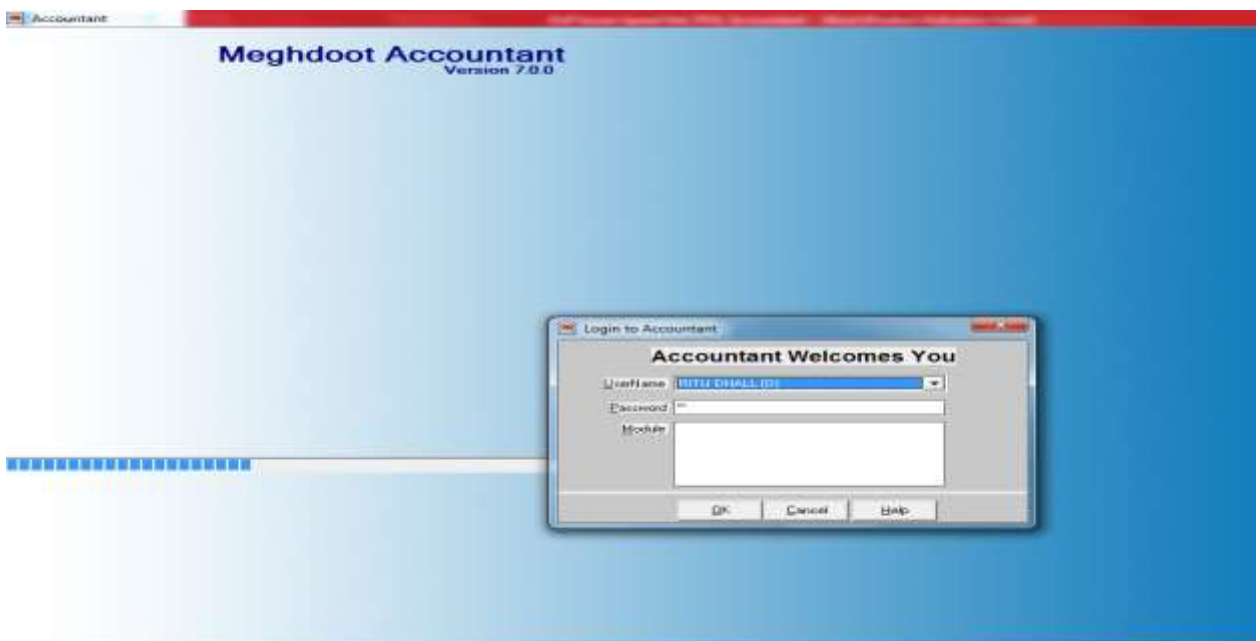
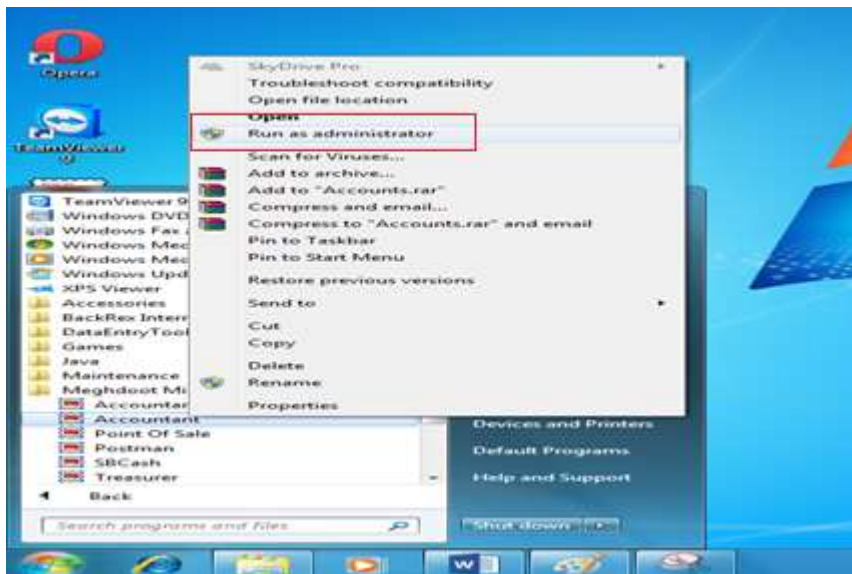
- Click on Yes, if you get the warning Message. It allows Legacy application to open.

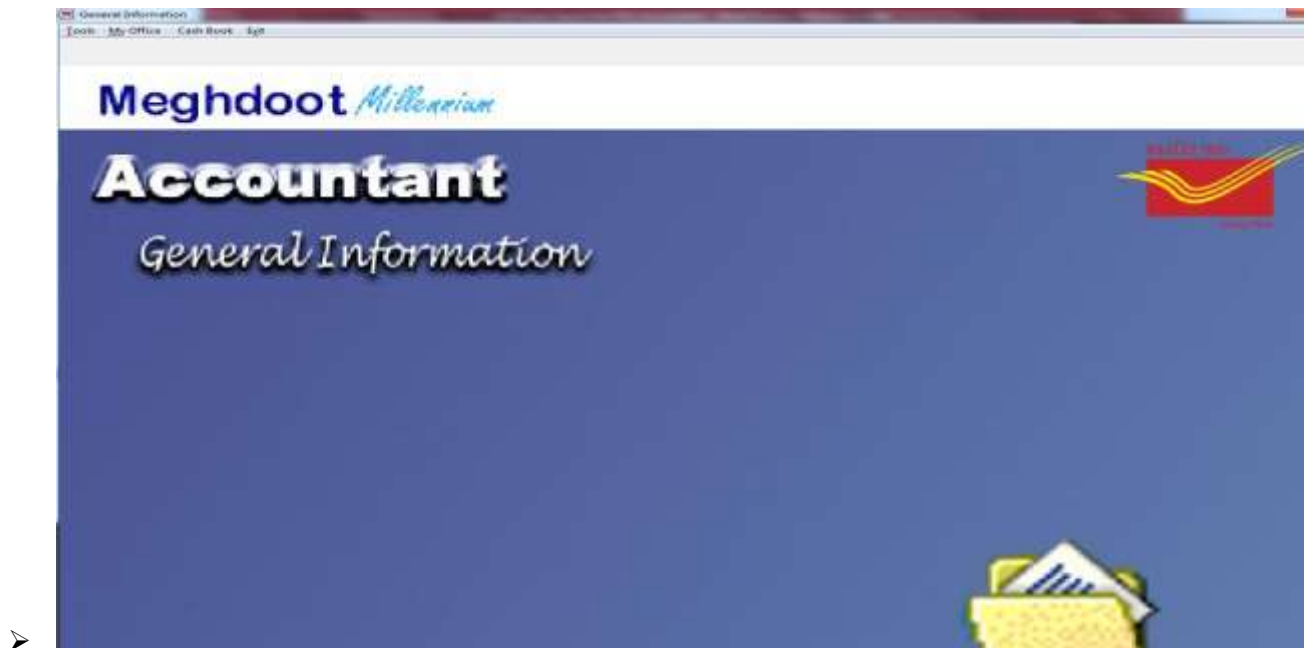


ACCOUNTANT

- Go To All Programs -> Click on Meghdoot folder -> Right Click on Accountant -> Click on Run as administrator.

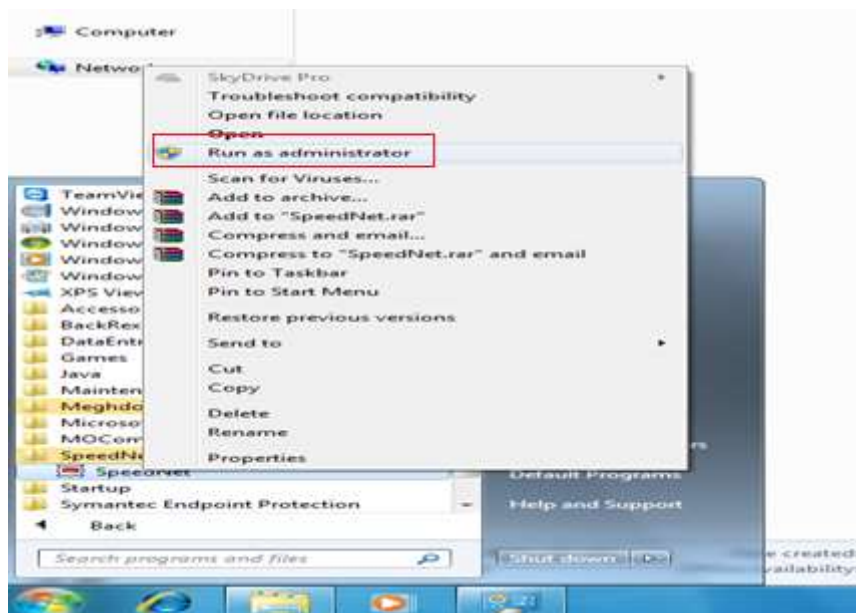
- For better results, create a shortcut from the server shared folder itself, instead of local installed application.





SPEEDNET

- Go To All Programs -> Click on SpeedNet -> Right Click on Speed Net -> Click on Run as administrator.



3 DOP LEGACY APPLICATIONS TESTED SO FAR WITH CONFIGURATION(S)

- ✓ Meghdoot – Accountant PBS
- ✓ Meghdoot – Accountant
- ✓ Meghdoot – Despatch
- ✓ EMO
- ✓ Meghdoot – Point of Sale (POS)
- ✓ Meghdoot – Postman
- ✓ Meghdoot – SBCach
- ✓ Meghdoot – Speednet
- ✓ Meghdoot – Sub Accounts
- ✓ Meghdoot – Treasury
- ✓ SANCHEY POST
- ✓ MO Compliation

Note: Please follow the below DoP link for User Manual, User Guides & Installers for legacy applications;

<ftp://cept.gov.in>

- ✓ **BNPL – Parcel.**

Application will be installed as per DoP provided instruction document. Please download the software and installation instruction from the below link;

<ftp://cept.gov.in>

➤ **Communication Applications tested so far ;**

- ✓ **eMO Communication**
- ✓ **ePayment Communication**
- ✓ **R Net Communication**
- ✓ **Speed Net Communication**
- ✓ **Meghdoot Account MIS**

To access the above mentioned applications with INDIAPOST domain user account, DoP administrator needs to access the DoP local server or client machine where Communication applications are installed using their network path [\\servername](#) with local server credentials.

System admin needs to copy the shortcuts of communication application from **C:\program files\R Net Communication or EMO or Speed Net or ePayment**.

If the user logs in with DoP local user account then no changes are required.

Note: Please follow the below DoP link for User Manual, User Guides & Installers for legacy applications;

<ftp://cept.gov.in>

4 KNOWN ISSUES IN LEGACY APPLICATIONS

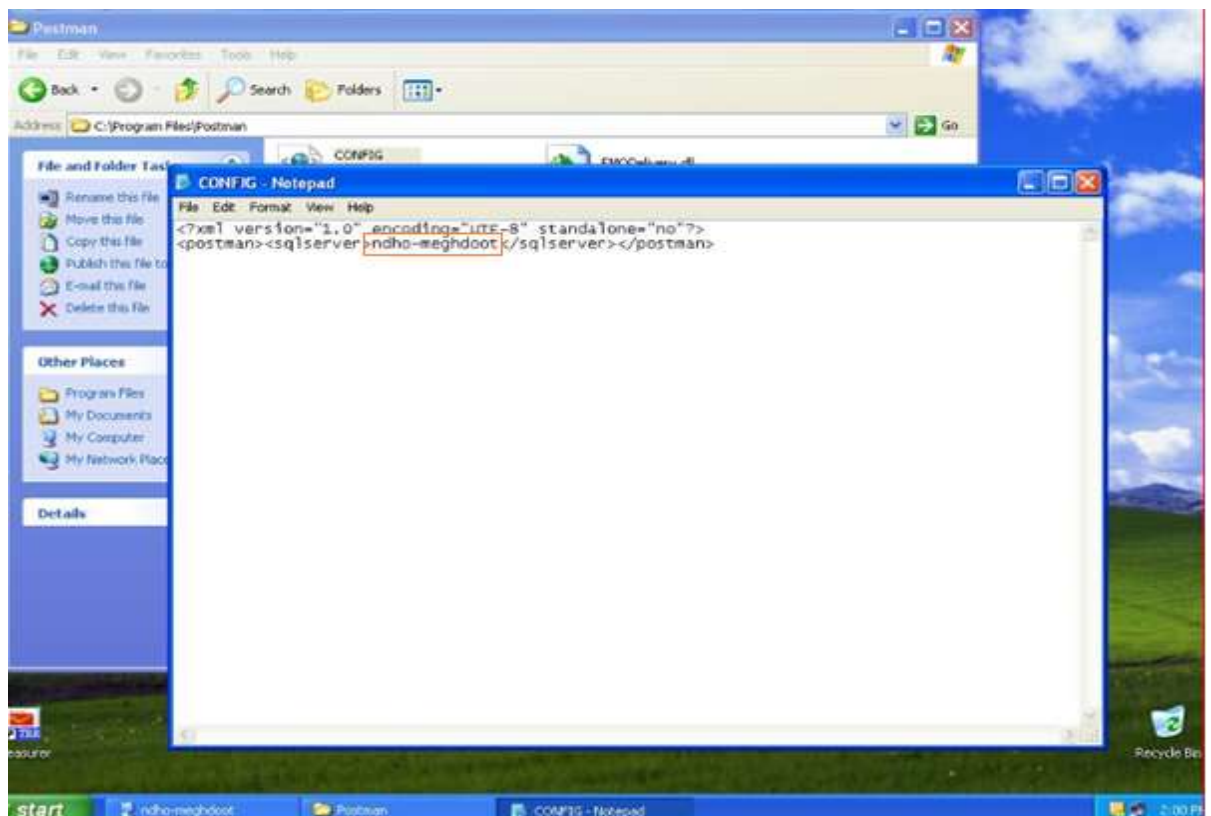
➤ Communication Applications:

Once the machine is migrated from Workgroup or DoP local AD to New Indiapost.gov.in domain Please follow complete the below action for Communication applications to work;

- A. Re-register Communication Applications client certificate on Communication installed applications machines.

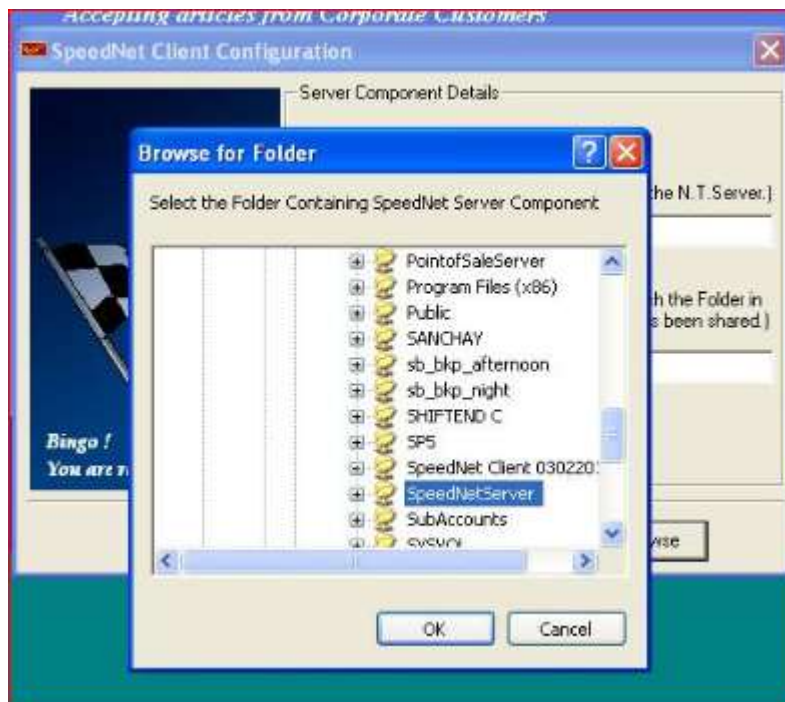
➤ Meghdoot – Point of Sale.

Please mention the local server name in the configuration file. If missing.



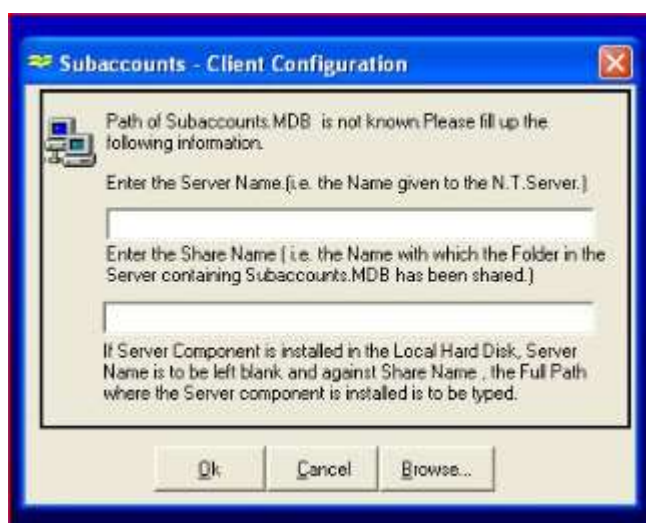
➤ Meghdoot – SpeedNet.

Please re-run the installation of speedNet and provide the required information;



➤ **Meghdoot – Sub Accounts.**

Please re-run the installation of Sub Accounts and provide the required information;



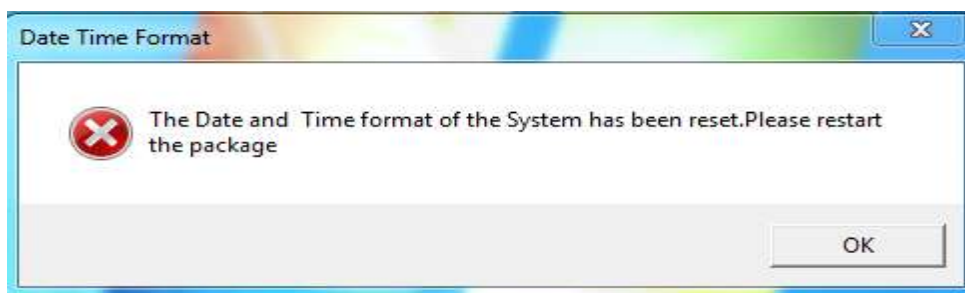


➤ **Sanchay Post.**

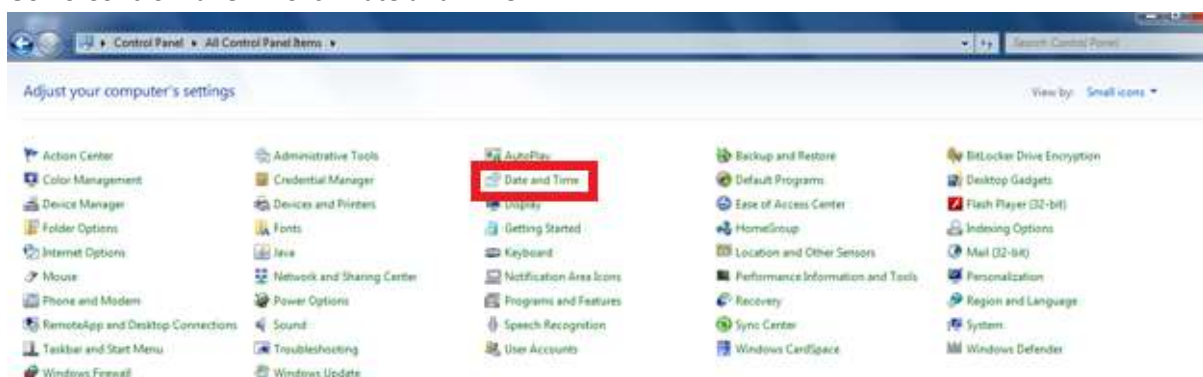
Re - installation of Sanchay Post is required after the new domain migration.

➤ **Date & Time Format Error.**

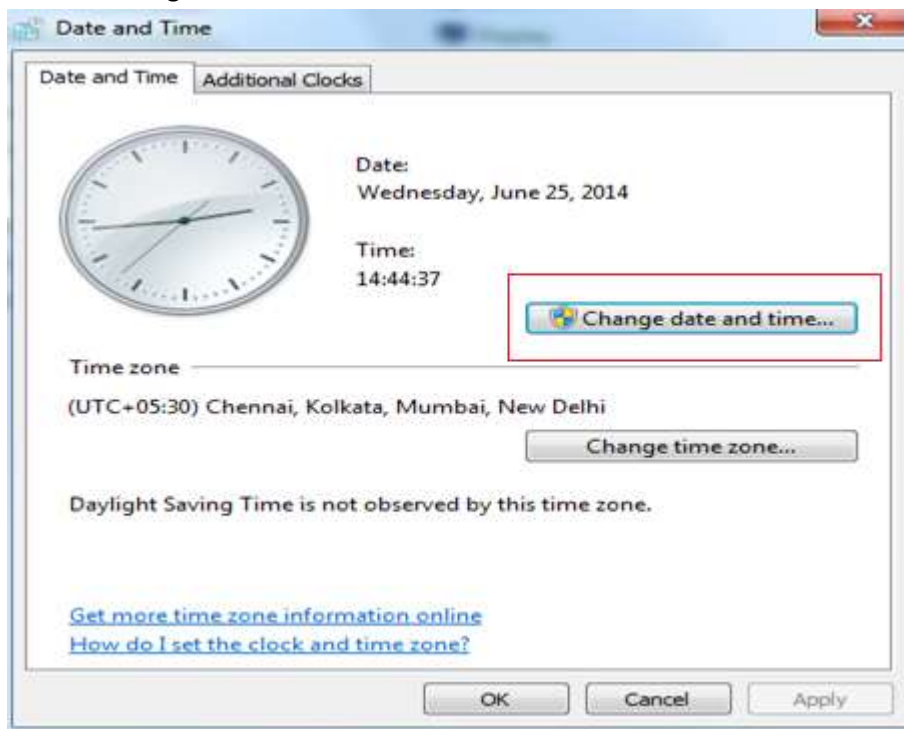
Please Make changes as mentioned below if get error message for Date & Time Format.



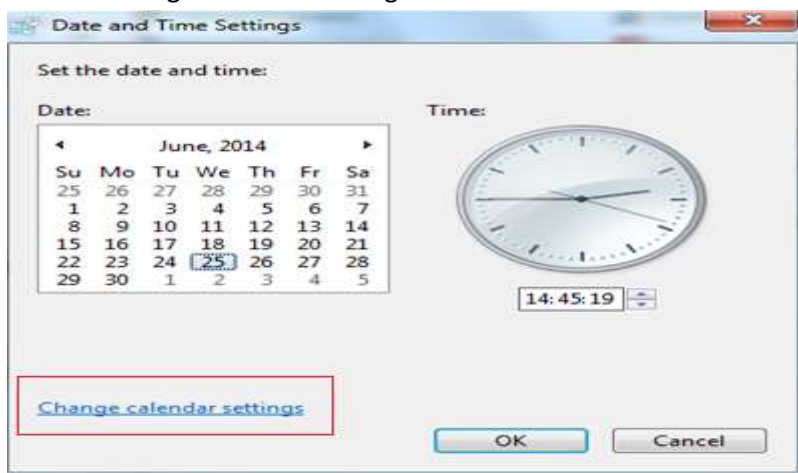
Go To Control Panel -> Click Date and Time.



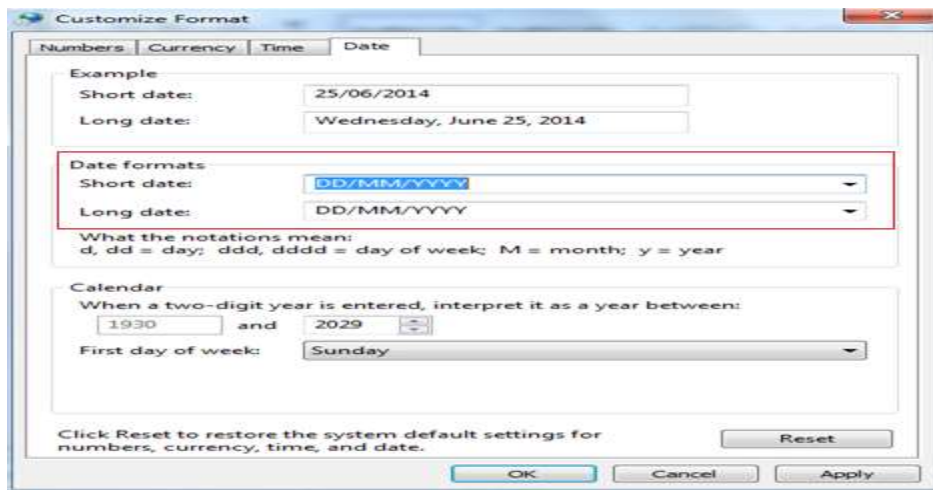
Click on Change Date and Time



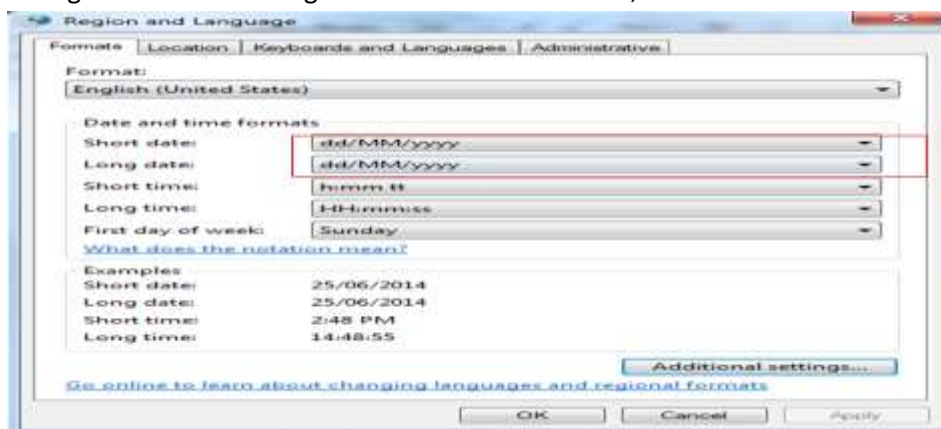
Click on Change Calendar Settings



Change Short Date & Long Date mentioned.



Change Short date & Long Date as mentioned below;

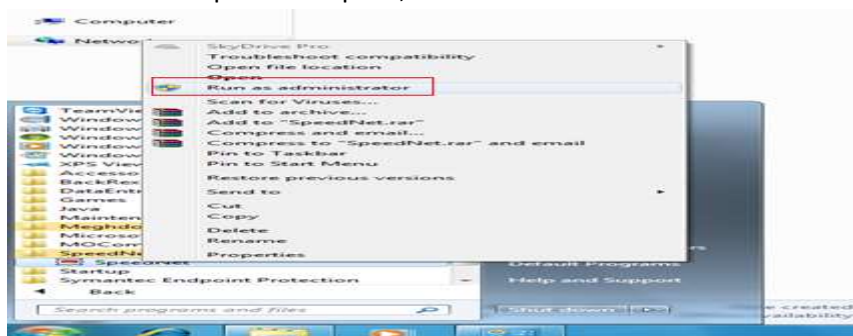


- **Error 52 (Bad File Name) of DoP Legacy Applications in Indiapost.gov.in using domain user account.**

Access DoP local AD server / Workgroup server using network path ex: [\\servername](#) where databases of legacy applications are installed and setup of legacy applications are kept

Copy the shortcuts of legacy applications from DoP local AD server / Workgroup server to client desktop or Laptop ->Run as Administrator on shortcut created.

Below is an example screen print;



5 FSI APPLICATIONS

Finacle

Macmish

While logging in windows machine with new domain user account the Internet Explore and users profile settings gets changed, hence system admin needs to reconfigure the settings of IE browser or Java JRE and copy all the required shortcuts and favorites to user desktop or laptop.

If the browser and Java/JRE settings are not correctly set, FINACLE & FSI Applications may not work despite following the TCS document.

Note: Above requirements are as per FSI. Please contact FSI helpdesk for further support and Finacle& Macmish - Desktop, Laptop & Configuration latest Document.

6 CALL SUPPORT PROCESS

During migration process if you face any issue, please report it to CSI Help Desk by email over **E-Mail id doptcs.wave1support@tcs.com** or contact Help Desk on following telephone no- **011-66076729, 011-66076730, 011-66076755, 011-66076756.**

For fast resolution of the issue, please include the following in your mail:

- Subject of email: AV_AD_Proxy Migration – WEG Code –
- Your full name:
- Contact details:
- Your Office address:
- How did you encounter the problem?
- Write about the problem or issue or query, in detail.
- Attach screen shot, wherever possible.

On receipt of your mail, the TCS support team will attend and resolve the issue. You will be accordingly intimated.

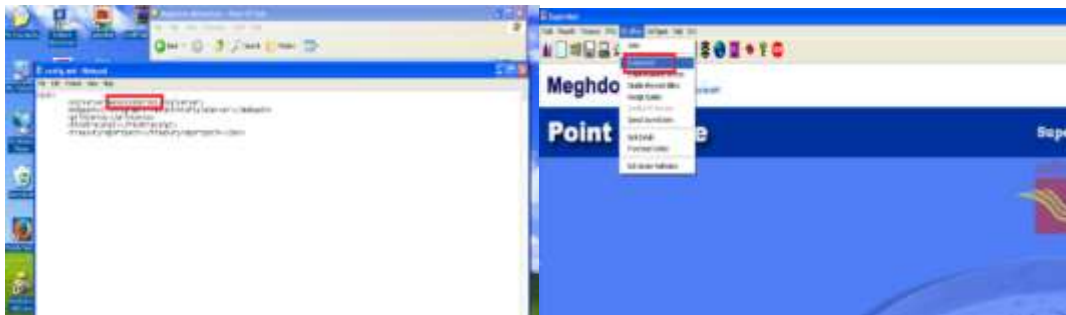
Please refer to the “CSI Support Process & Escalation Matrix” document for further details on Call Support Process.

7 ANNEXURE – 1 (SINGLE HANDED MACHINE POST OFFICE MIGRATION TO DOMAIN)

After joining the domain and changing the name of the PCs which are used as Server in Single Handed offices below are the steps to be performed and reconfigure or make changes to the applications.

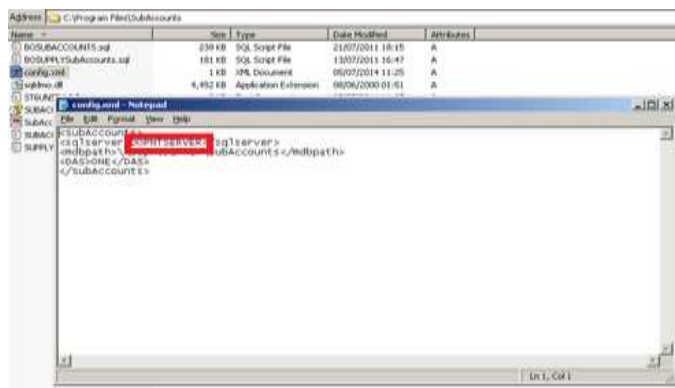
- **Meghdoot Module:** - Browse C:\Program Files\ -> click on Meghdoot Module application folder -> Search the config.xml files -> Open the file in notepad. Thereafter, replace the old server names with the new server name (e.g. WEG12726DT001) and save the notepad file.

I. Meghdoot – POS

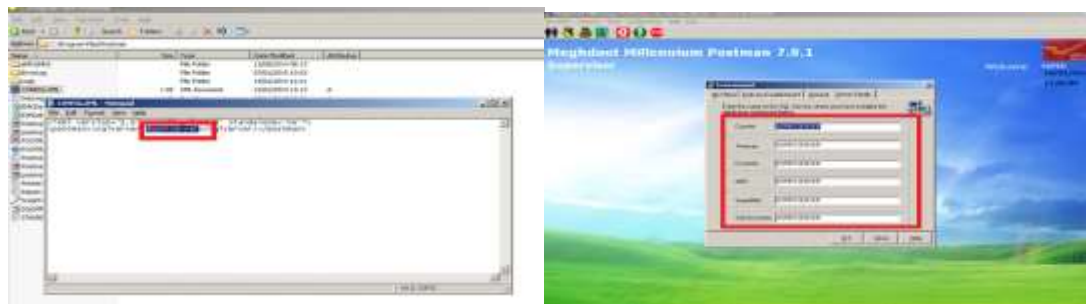


II. Meghdoot – Despatch

III. Meghdoot – SubAccount



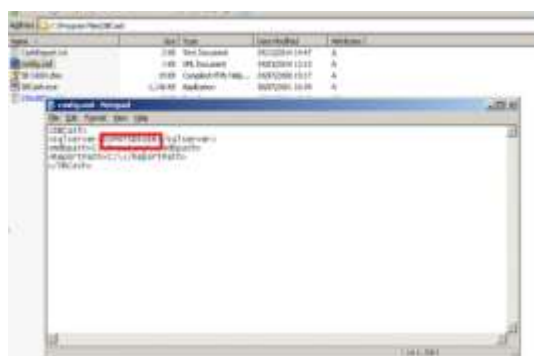
IV. Meghdoot – PostMan



V. Meghdoot – Treasurer



VI. Meghdoot – SBCash



- Login the with User ID:- Super and Password -> Open all sub modules one by one -> Change the Server name in the Environment with the new server name.

(Note: SA needs to open the config.xml file in notepad for each Meghdoot Sub Modules and change the server details. SA needs to reconfigure **POS Treasury details** with the new server name).

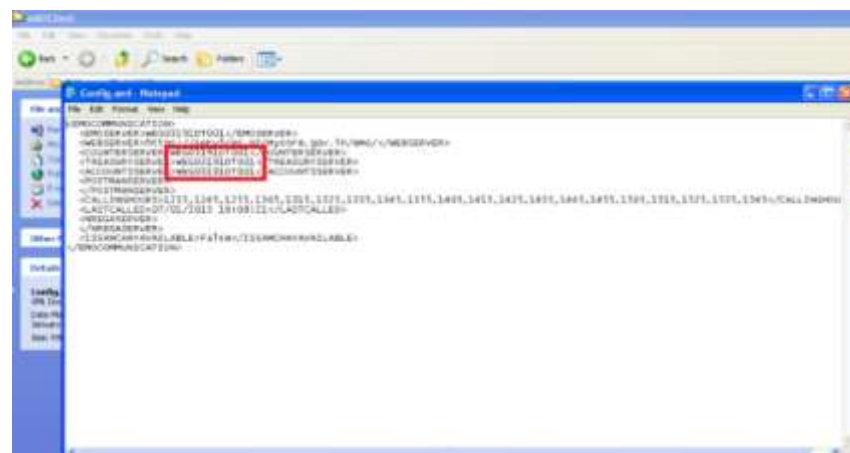
- **Meghdoot - Despatch Sub Module:-** Don't forget to provide the new server name in Despatch Sub Module, Fetch from Postman option, otherwise no article will get fetched in Despatch module.
- **Sanchay Post:** - Open Sanchay Post Online Transaction -> Wait for 2 minutes -> Application will ask for the server name -> Provide the new server name.
- **EMO:** - Browse C:\Program Files\eMO\eMO folder -> Open sqlconfig.xml file in notepad -> All old server name entries will be replace with new server name.
- **Account MIS:-** Browse C:\Program Files\PTC Mysore ->Take the backup of PTC Mysore folder -> Remove it and reconfigure Account MIS.
- **Communication:-**
 - I. **SpeedNet:** - Browse C:\Program Files\EMSCClient folder -> Open config.xml file in notepad -> all old server name entries will be replace with new server name.



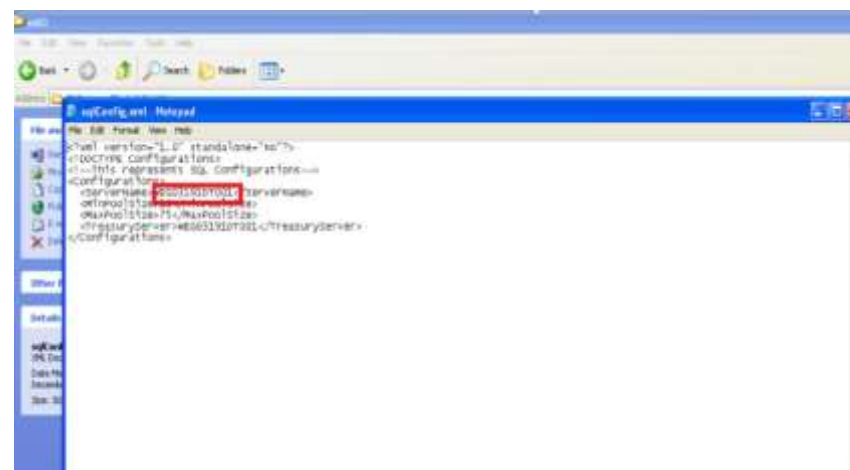
- II. **RNet:** - Browse C:\Program Files\R Net Communication folder -> Open config.xml file in notepad -> All old server name entries will be replace with new server name.



- III. **EMO Client:-** Browse C:\Program Files\eMOClient folder -> Open config.xml file in notepad -
> All old server name entries will be replace with new server name.

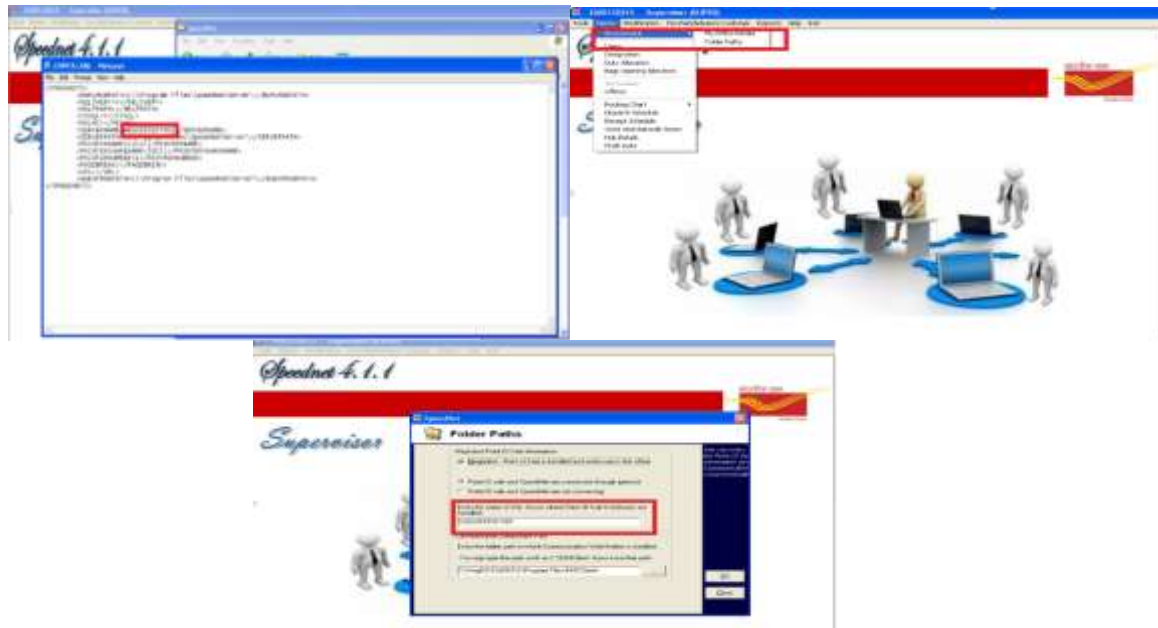


- IV. **E Payment Client:-** Browse C:\Program Files\ePayment Client folder -> Open config.xml file
in notepad -> All old server name entries will be replace with new server name.

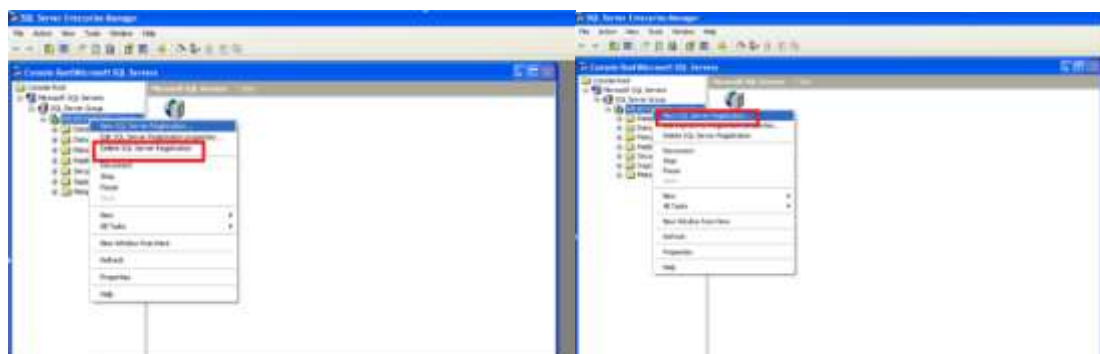


(Note:- needs to be changed with new domain route to the server in the various Meghdoot Sub Modules to make the applications work in various machines)

- **SpeedNet:-** Reconfigure the server name in the folder path menu in Speednet.



- **RPC Error:** - Please run the RPC query to deal with the RPC error in submit account in POS which will appear after changing the server name. Below is the query;
 - exec sp_serveroption @server='myserver', @optname='rpc', @optvalue='true'
exec sp_serveroption @server='myserver', @optname='rpc out', @optvalue='true'
 - Below DOP SA Blog can be referred for RPC error solution
<http://sapost.blogspot.in/2011/08/meghdoot-7-point-of-sale-submit-account.html>
 - There may be MSDTC error which can be dealt with by restarting the MSDTC service.
- (**Note:** Replace 'myserver' with your server name in the above query.)
- **(Optional) Database:** - Take the backup of Legacy DB and if required SA can change the named instance and re-register the new instance with new name if required.



(**Note:** It is recommended that SA takes the backup of PO server DB. SA will have the responsibility of any data loss while performing the activity).