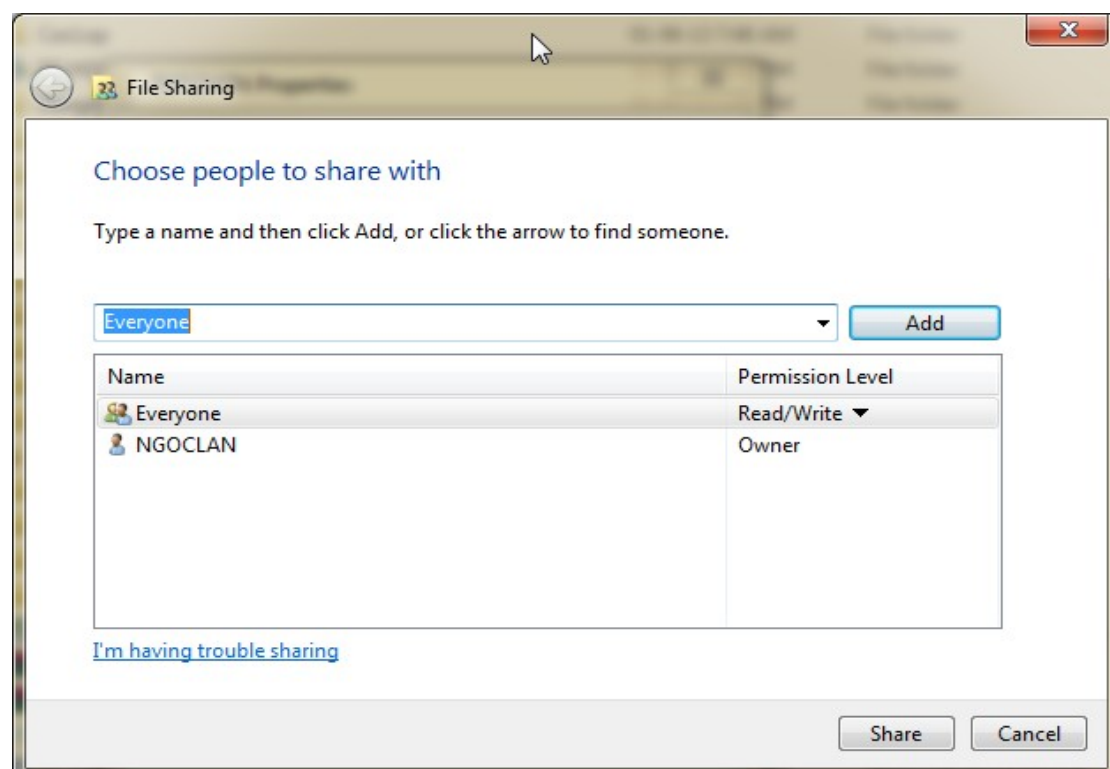
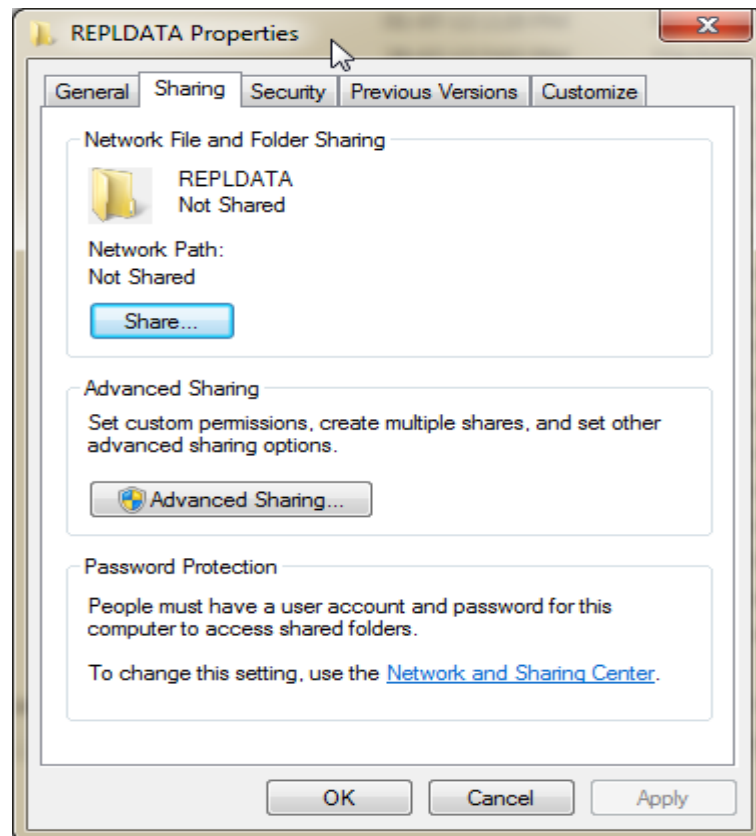


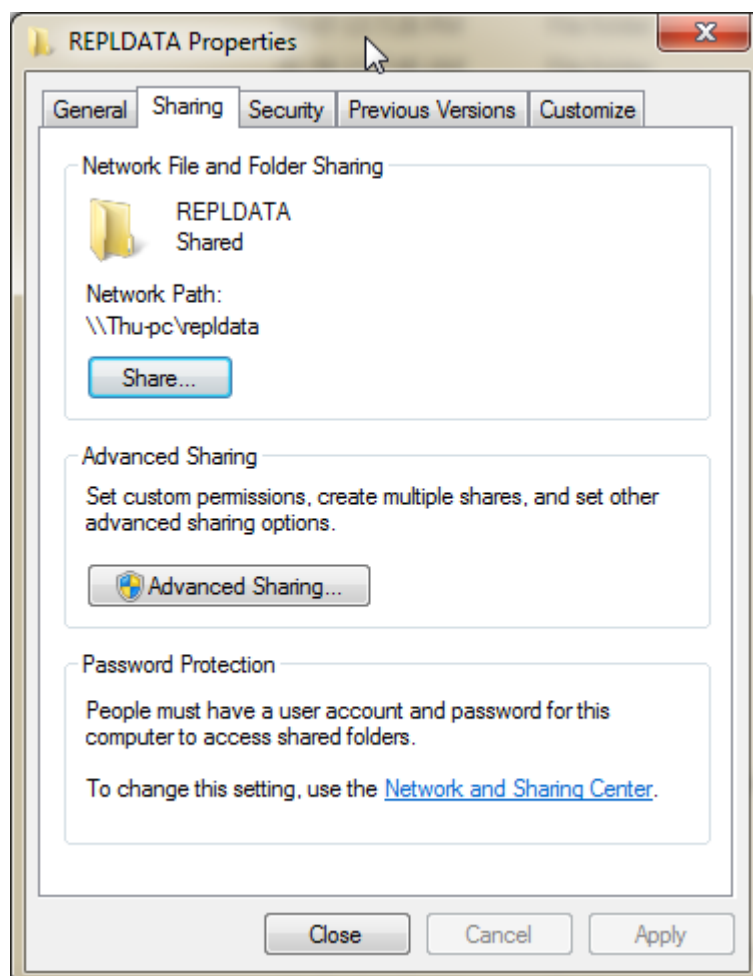
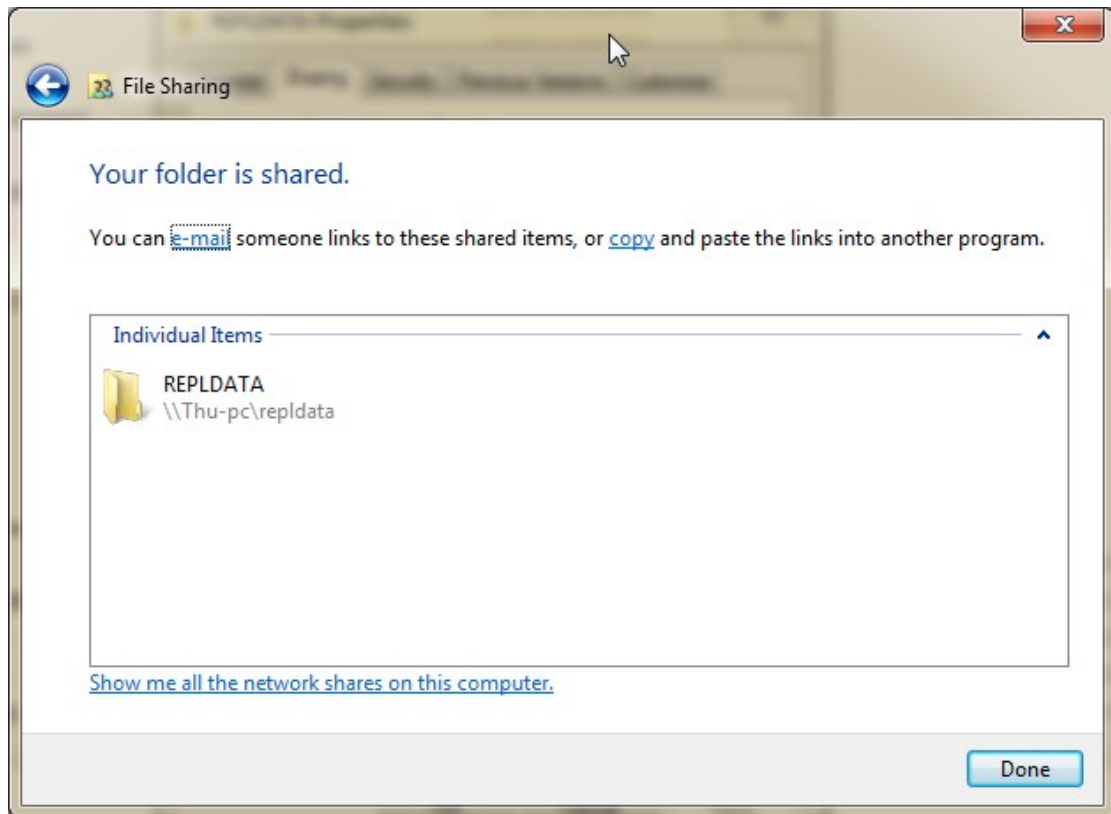
Chuẩn bị :

- Ta tạo 1 folder D:\ReplData để chứa các dữ liệu trao đổi trong quá trình update dữ liệu từ các phân mảnh về cơ sở dữ liệu gốc, và từ cơ sở dữ liệu gốc đến các phân mảnh
- Tiến hành cho folder này là 1 snapshot folder: thực chất là 1 shared folder trong Windows, cho phép các users được quyền read/write (giả sử shared folder có tên \\THU-PC\REPLDATA)

Right click trên folder REPLDATA, chọn Properties, chọn tab Sharing – Share

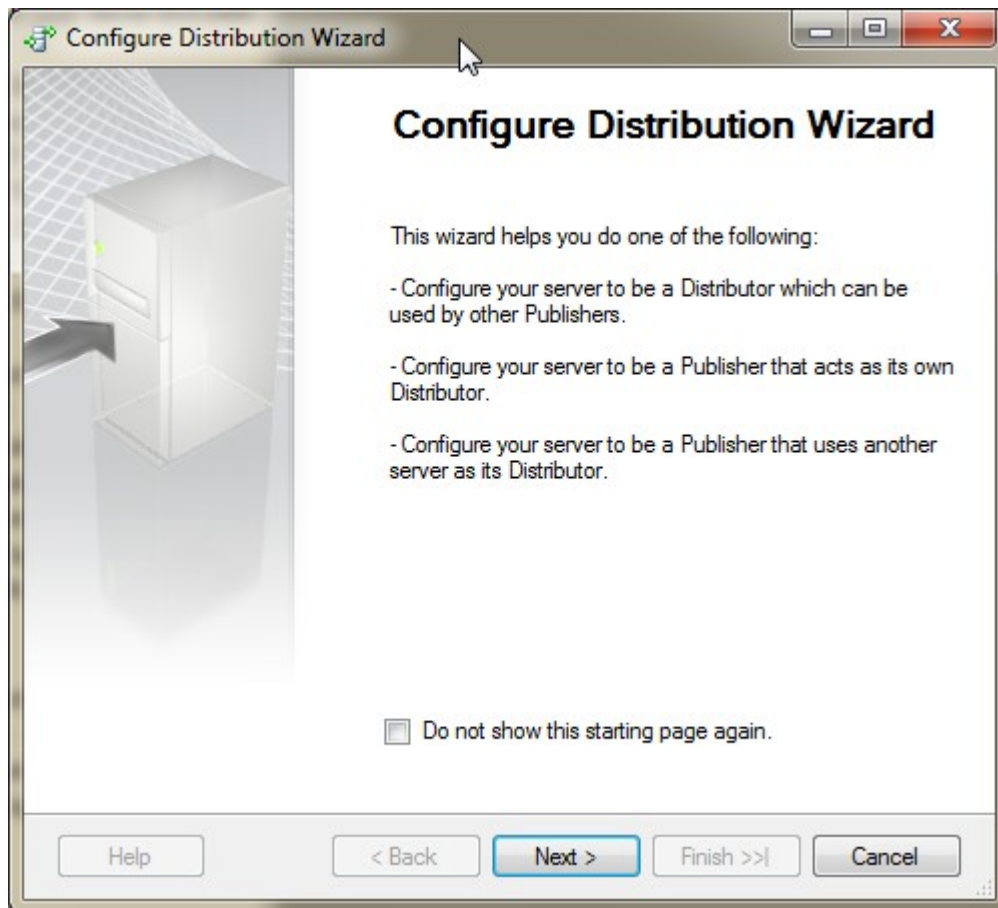


Chọn Everyone, click Add, và chọn quyền Read/Write như trong hình. Cuối cùng, click nút lệnh Share.

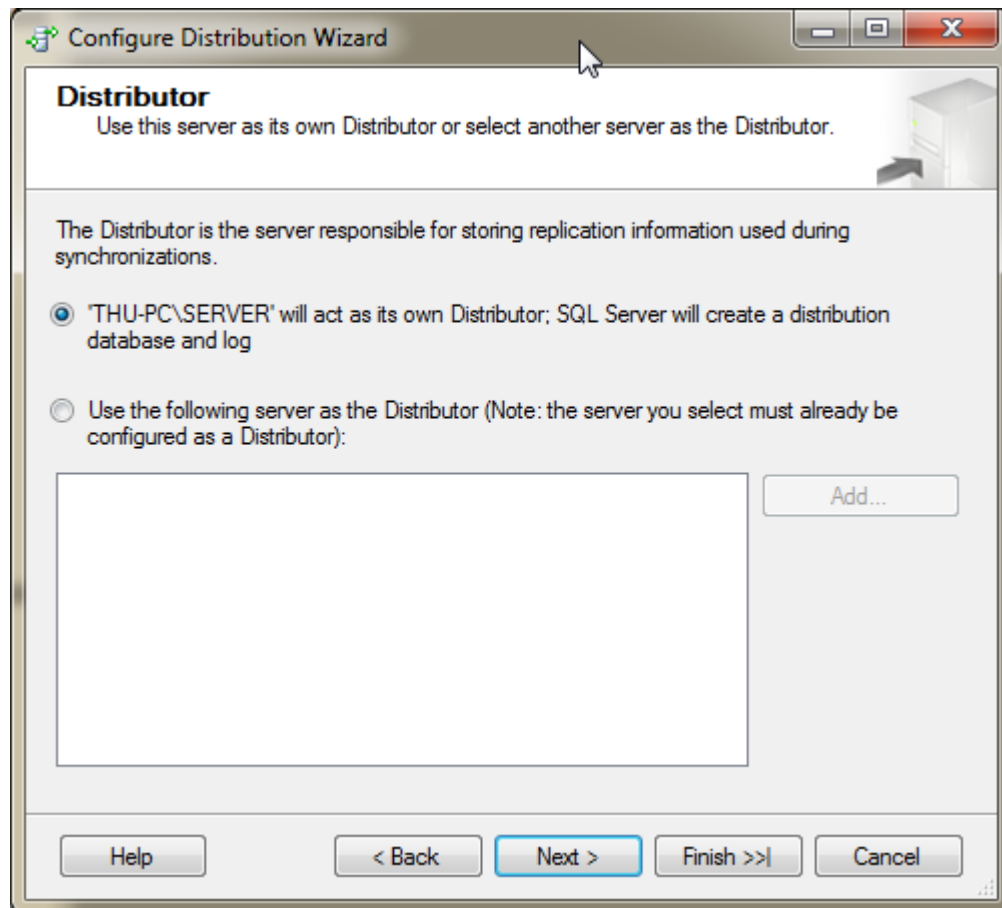


A. To configure distribution

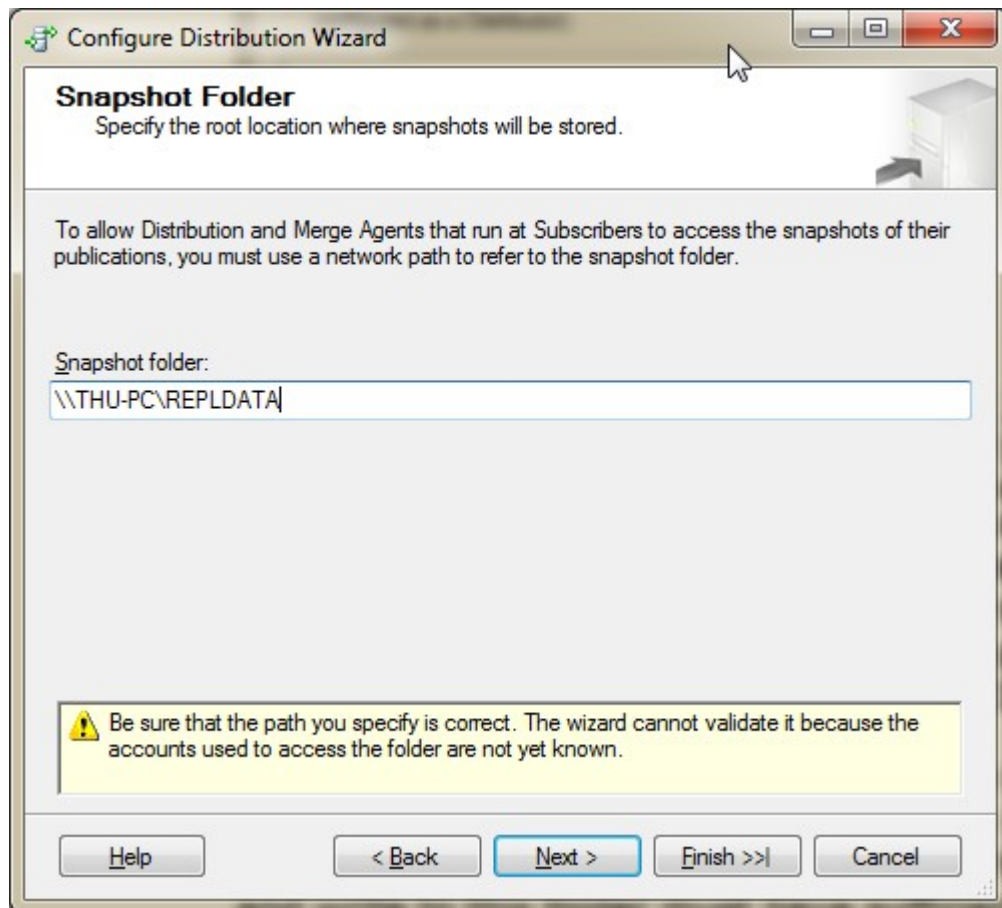
1. In Microsoft SQL Server Management Studio, connect to the server that will be the Distributor (in many cases, the Publisher and Distributor are the same server), and then expand the server node.
2. Right-click the **Replication** folder, and then click **Configure Distribution**.



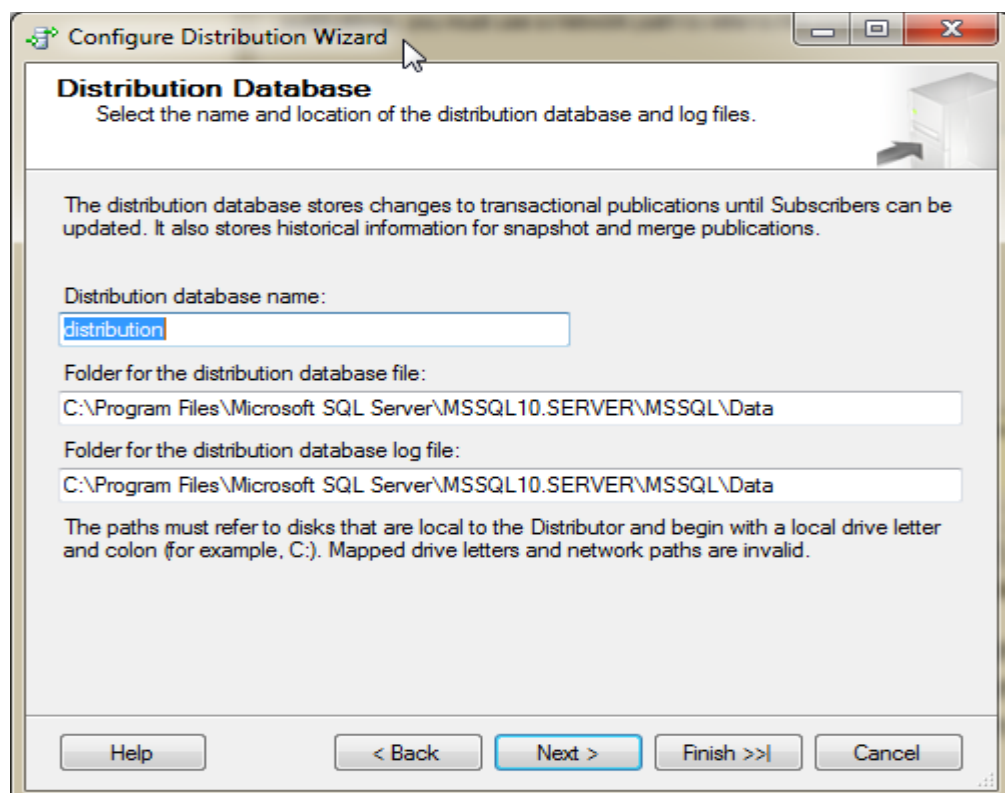
3. Follow the Configure Distribution Wizard to:
 - Select a Distributor. To use a local Distributor, select '**<ServerName> will act as its own Distributor; SQL Server will create a distribution database and log.**
 - To use a remote Distributor, select **Use the following server as the Distributor**, and then select a server. The server must already be configured as a Distributor, and the Publisher must be enabled to use the Distributor.



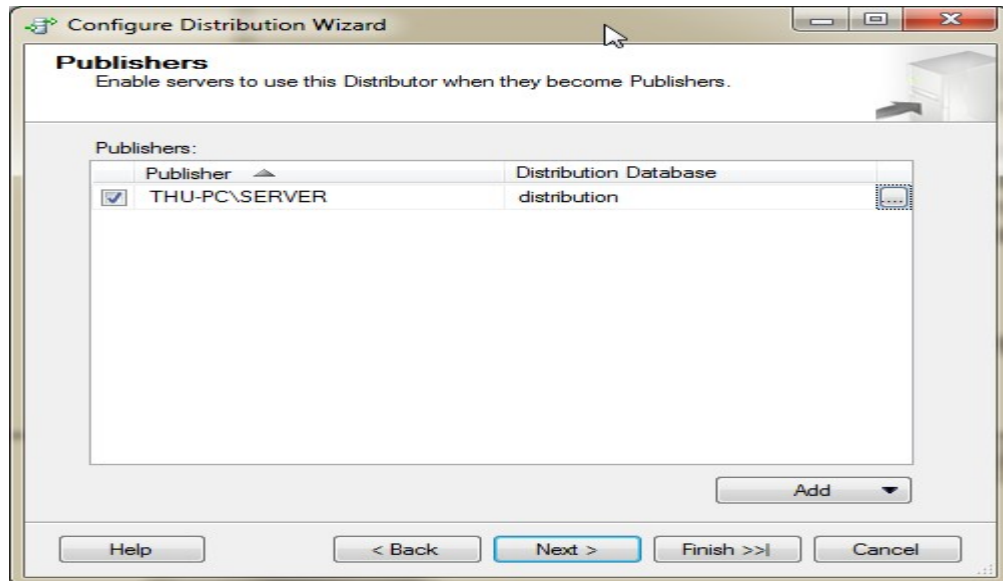
- If you select a remote Distributor, you must enter a password on the **Administrative Password** page for connections made from the Publisher to the Distributor. This password must match the password specified when the Publisher was enabled at the remote Distributor.
- Specify a root snapshot folder (for a local Distributor). The snapshot folder is simply a directory that you have designated as a share; agents that read from and write to this folder must have sufficient permissions to access it. Each Publisher that uses this Distributor creates a folder under the root folder, and each publication creates folders under the Publisher folder in which to store snapshot files.



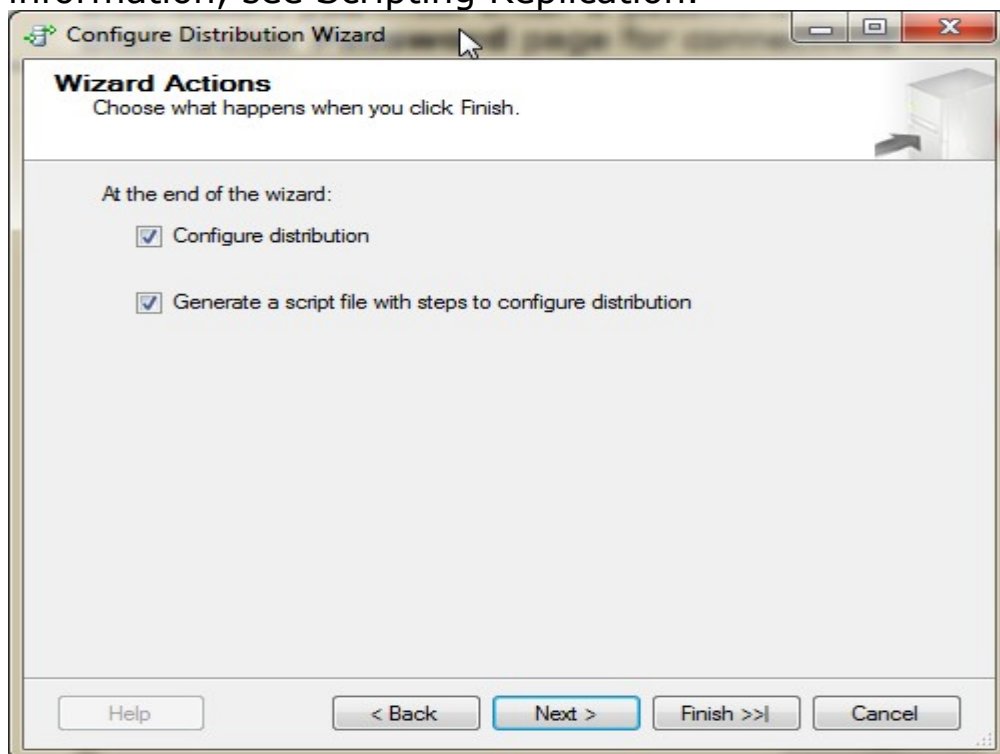
- Specify the distribution database (for a local Distributor). The distribution database stores metadata and history data for all types of replication and transactions for transactional replication.



- Optionally enable other Publishers to use the Distributor. If other Publishers are enabled to use the Distributor, you must enter a password on the **Distributor Password** page for connections made from these Publishers to the Distributor.



- Optionally script configuration settings. For more information, see [Scripting Replication](#).



Configure Distribution Wizard

Script File Properties

Specify the properties of the script file to create at the end of the wizard.

File name:
C:\Users\thu\Documents\ConfigureDistribution.sql

If file exists

☐ Append the new script to the existing file

☒ Overwrite the existing file

File format

☒ International text (Unicode)

☐ Windows text (ANSI)

Help < Back Next > Finish >>| Cancel

Configure Distribution Wizard

Complete the Wizard

Verify the choices made in the wizard and click Finish.

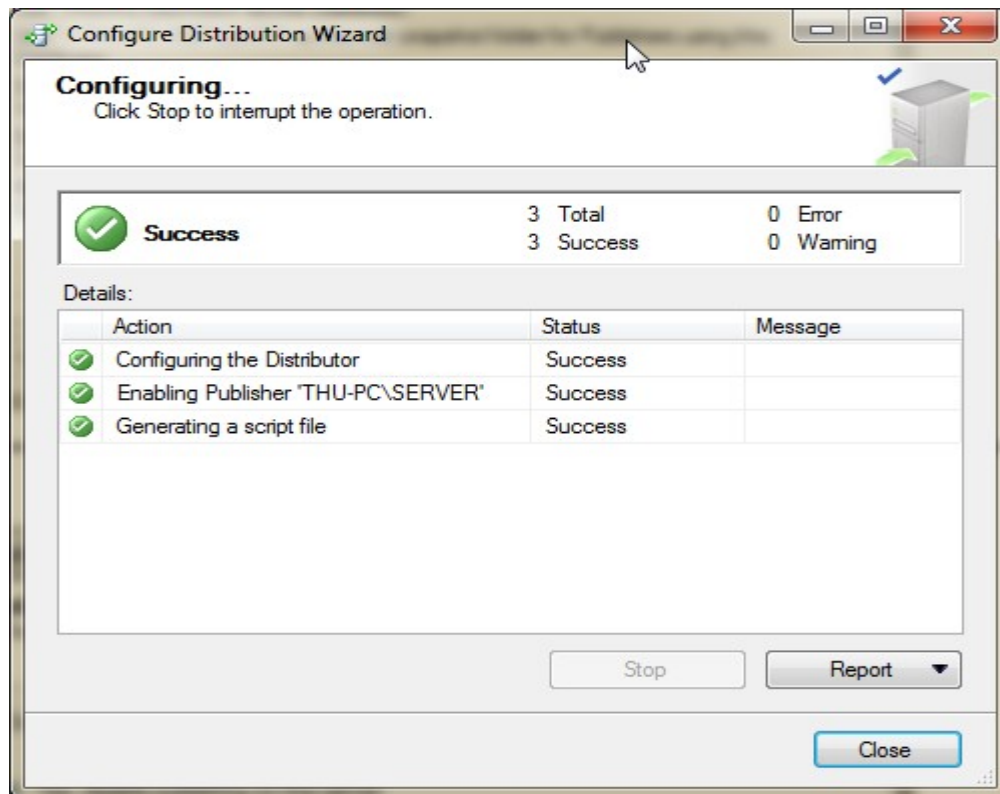
Click Finish to perform the following actions:

- Configure distribution.
- Generate a script file named 'C:\Users\thu\Documents\ConfigureDistribution.sql' with steps to configure distribution.

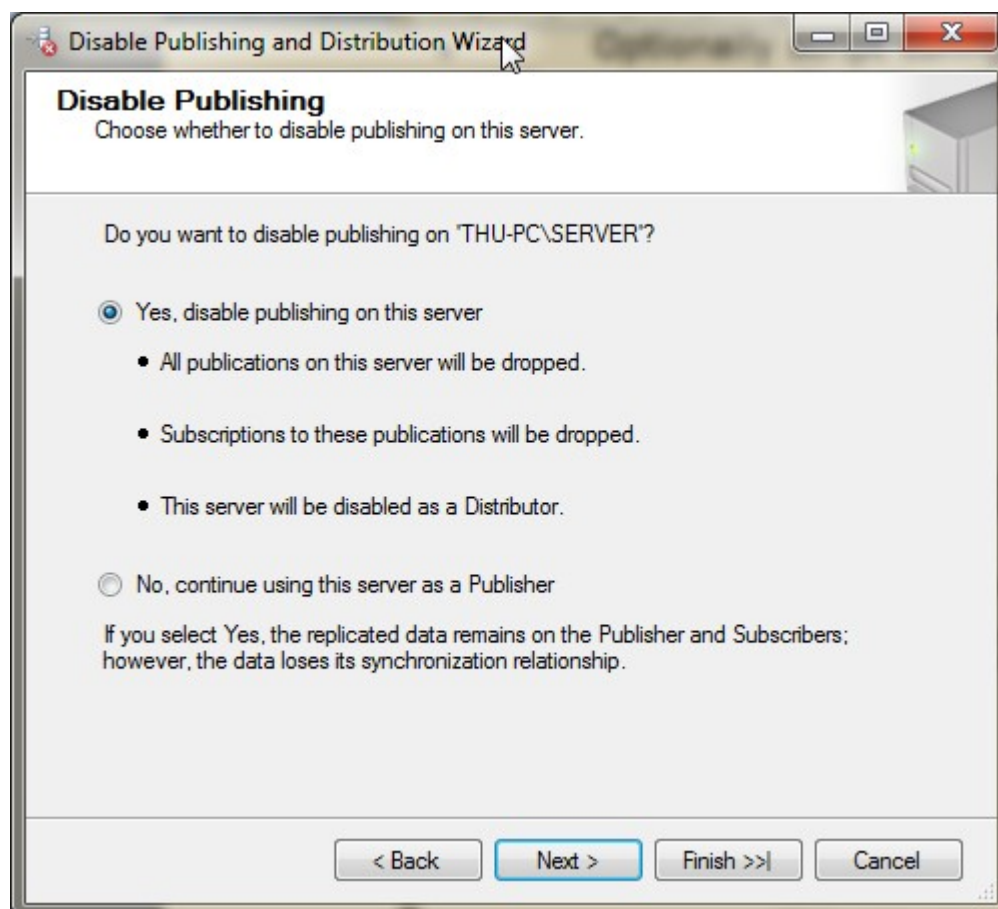
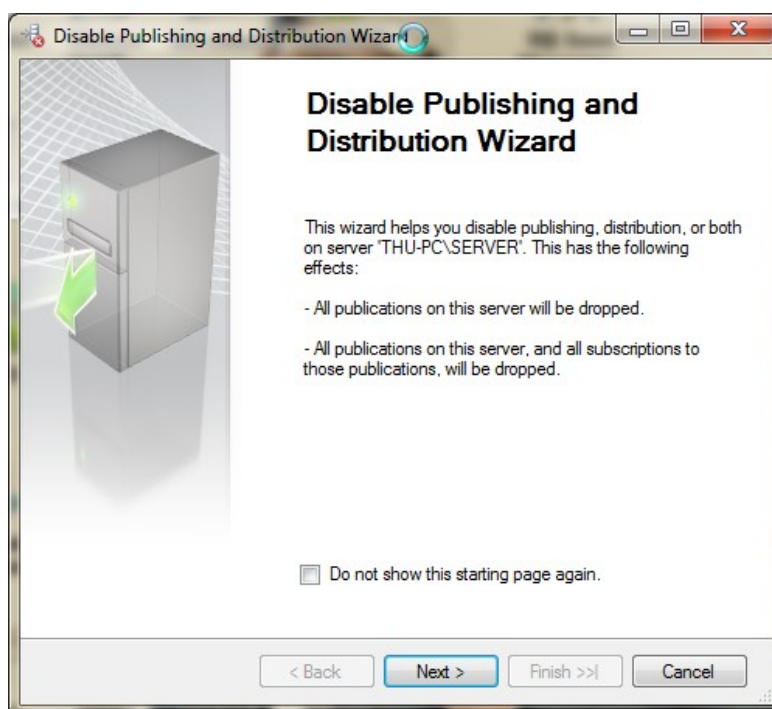
Distribution will be configured with the following options:

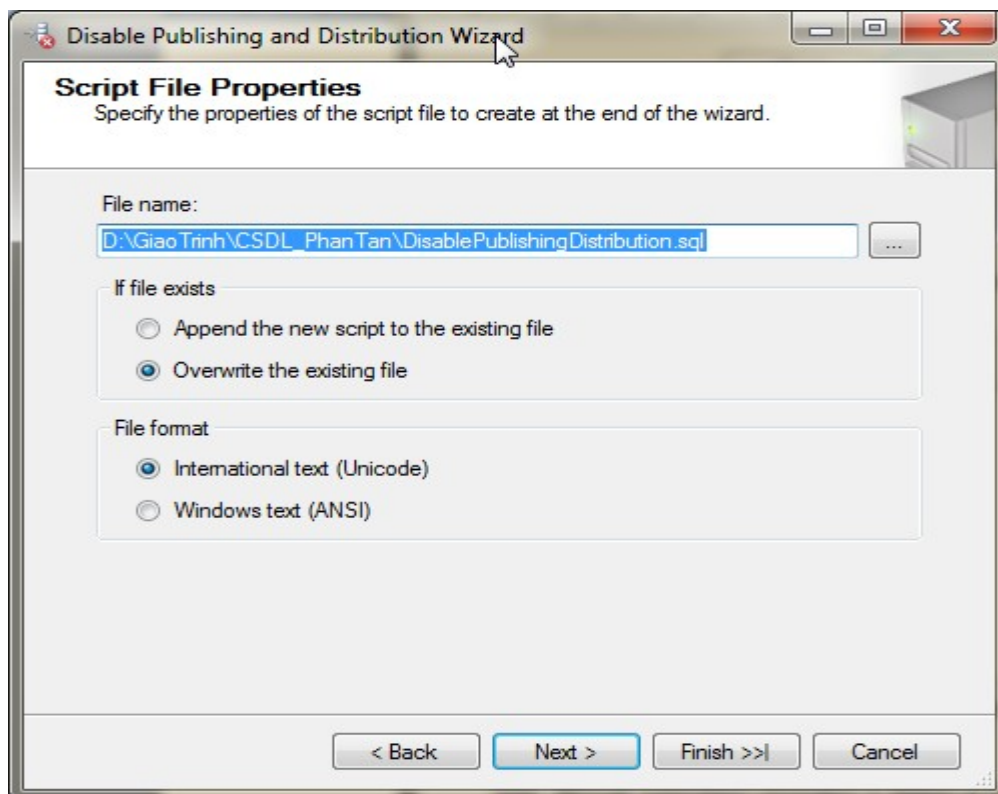
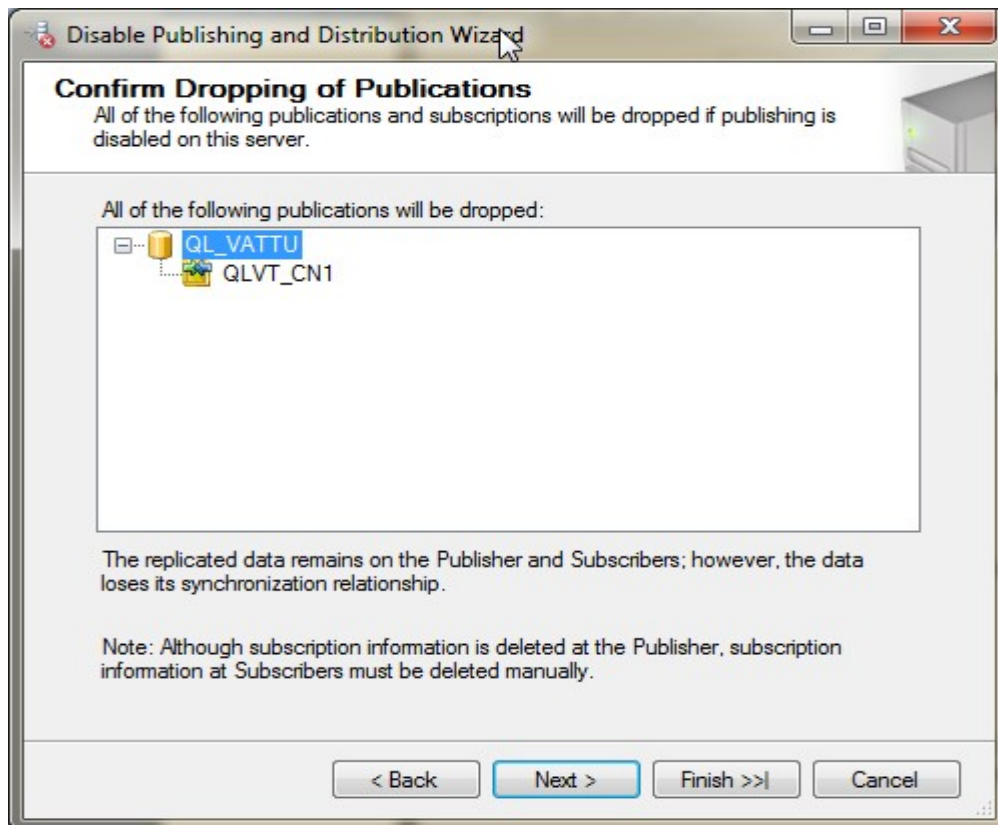
- Use 'THU-PC\SERVER' as the Distributor.
- Use '\\THU-PC\REPLDATA' as the root snapshot folder for Publishers using this Distributor.
- Store the distribution database 'distribution' in 'C:\Program Files\Microsoft SQL Server\MSSQL10.SERVER\MSSQL\Data'.
- Store the distribution database log file in 'C:\Program Files\Microsoft SQL Server\MSSQL10.SERVER\MSSQL\Data'.
- Allow the following servers running SQL Server to use THU-PC\SERVER as their Distributor:
 - THU-PC\SERVER

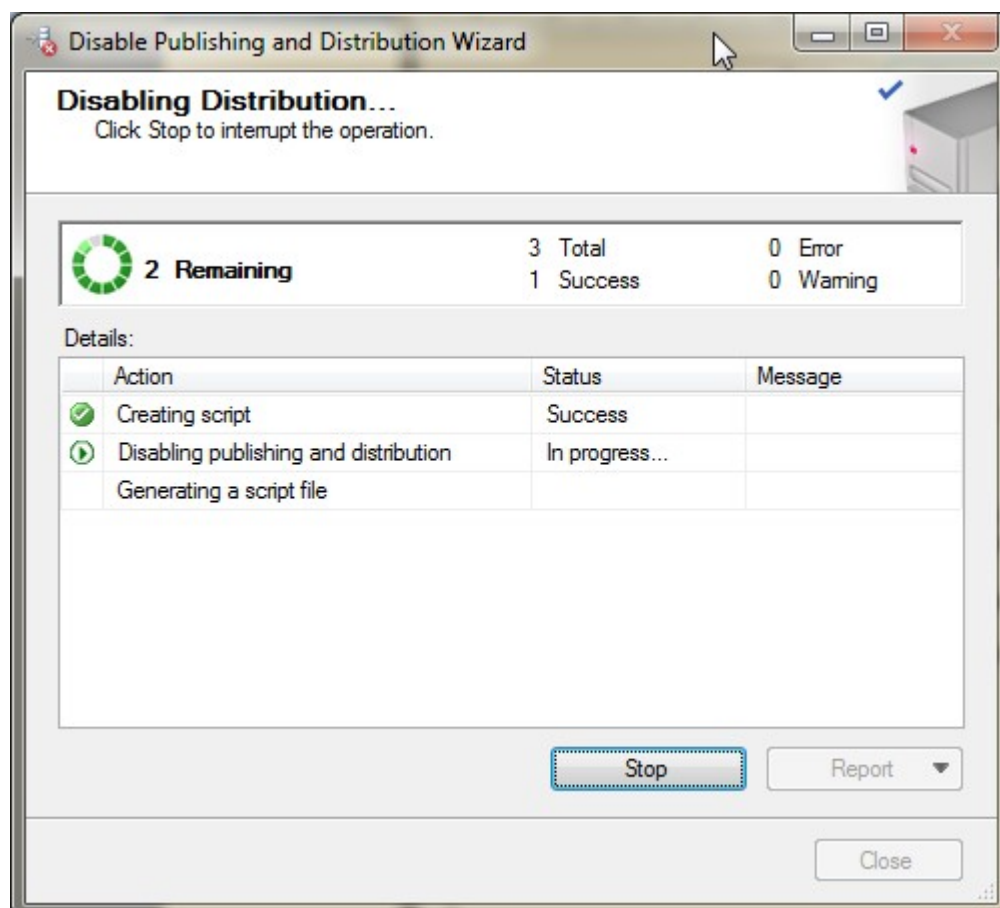
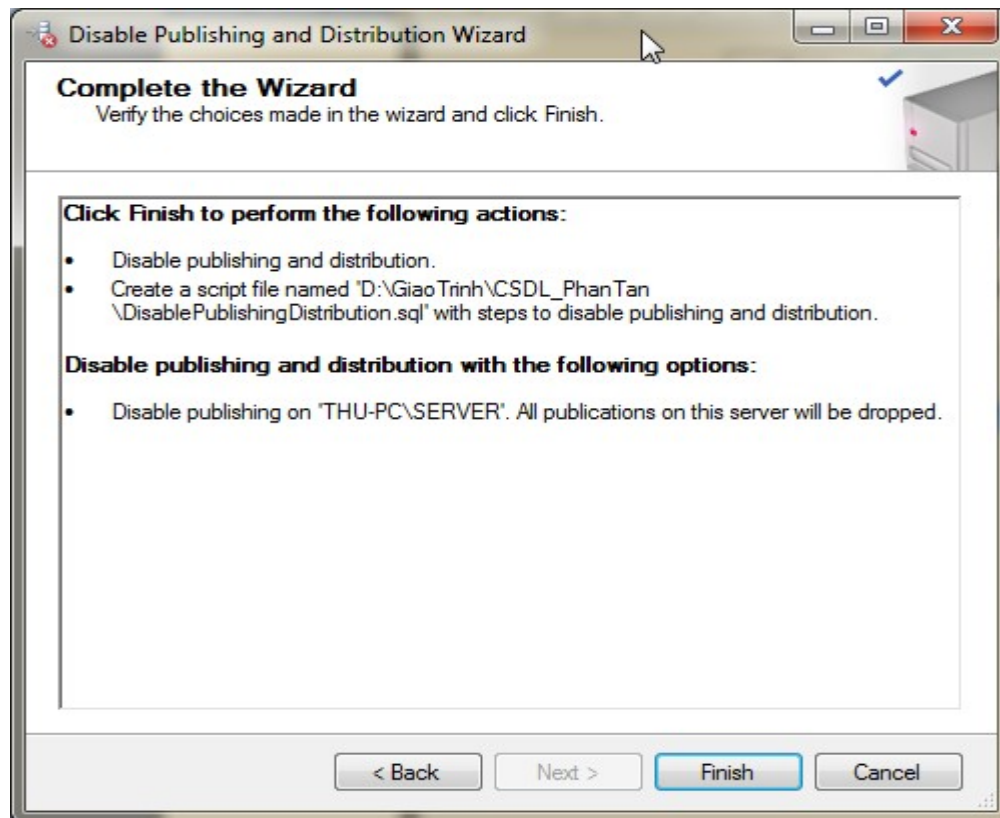
Help < Back Next > Finish Cancel

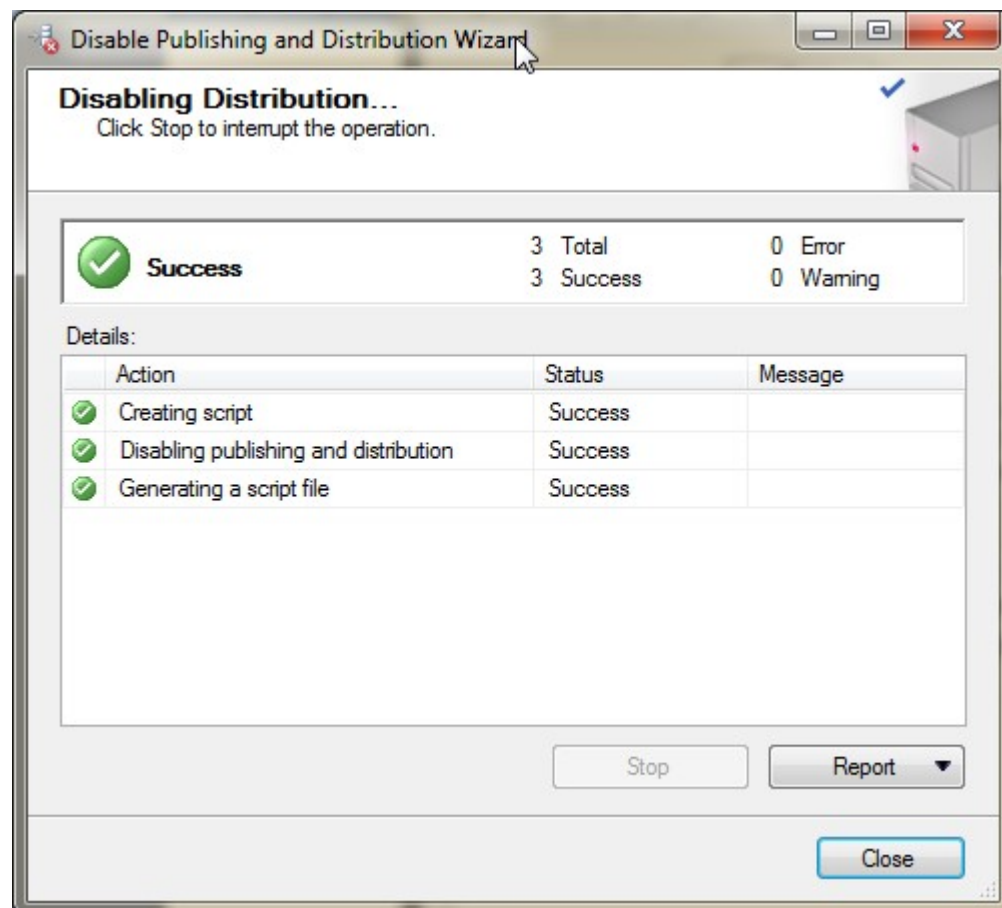


Note : Để DISABLE các Server Publisher và Distributor, ta thực hiện các bước :









B. Create publications

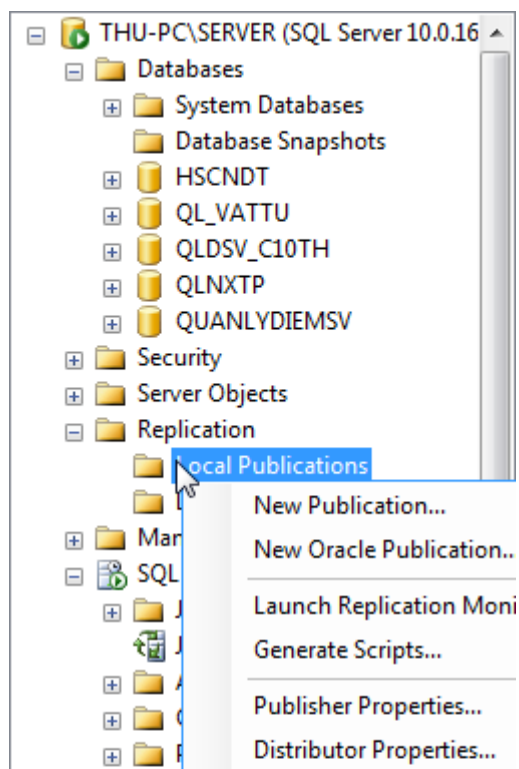
Create publications and define articles with the New Publication Wizard. After a publication is created, view and modify publication properties in the **Publication Properties - <Publication>** dialog box.

Note:

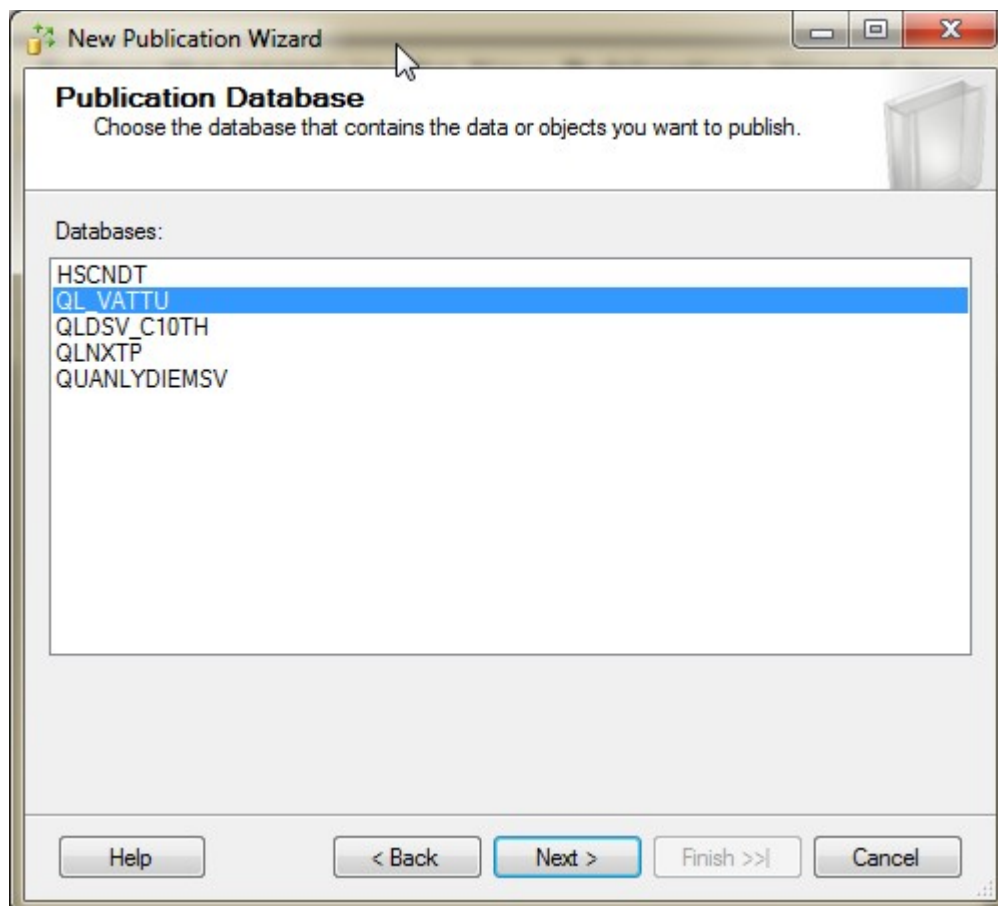
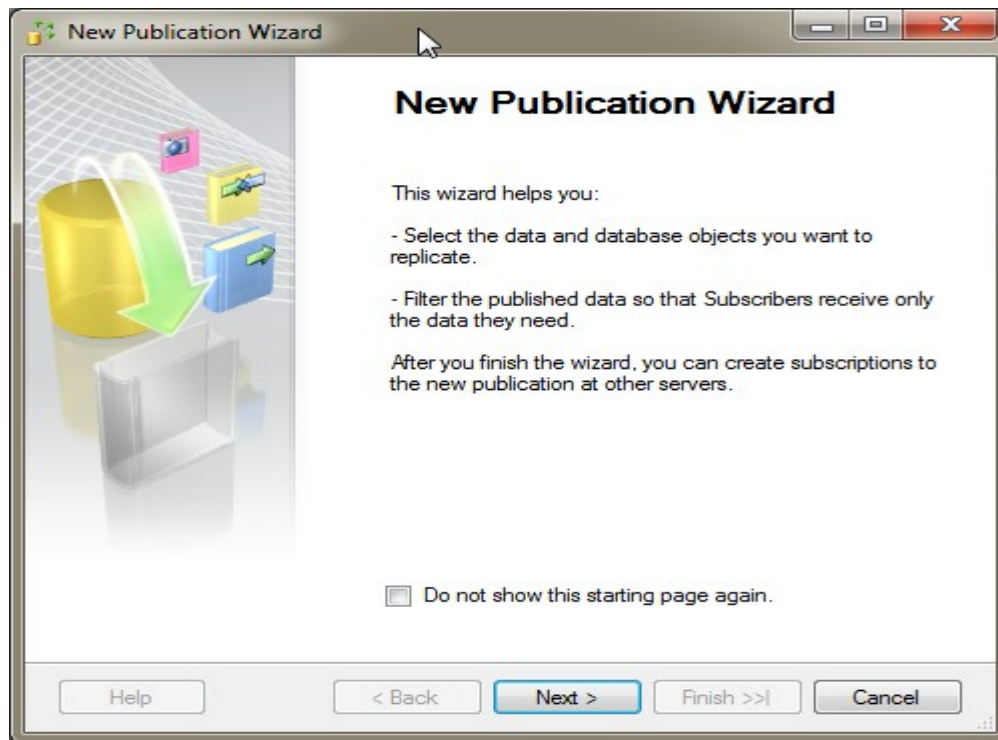
Publication and article names cannot include any of the following characters: % , * , [,] , | , : , " , ? , ' , \ , / , < , > . If objects in the database include any of these characters and you want to replicate them, you must specify an article name that is different from the object name in the **Article Properties - <Article>** dialog box, which is available from the **Articles** page in the wizard.

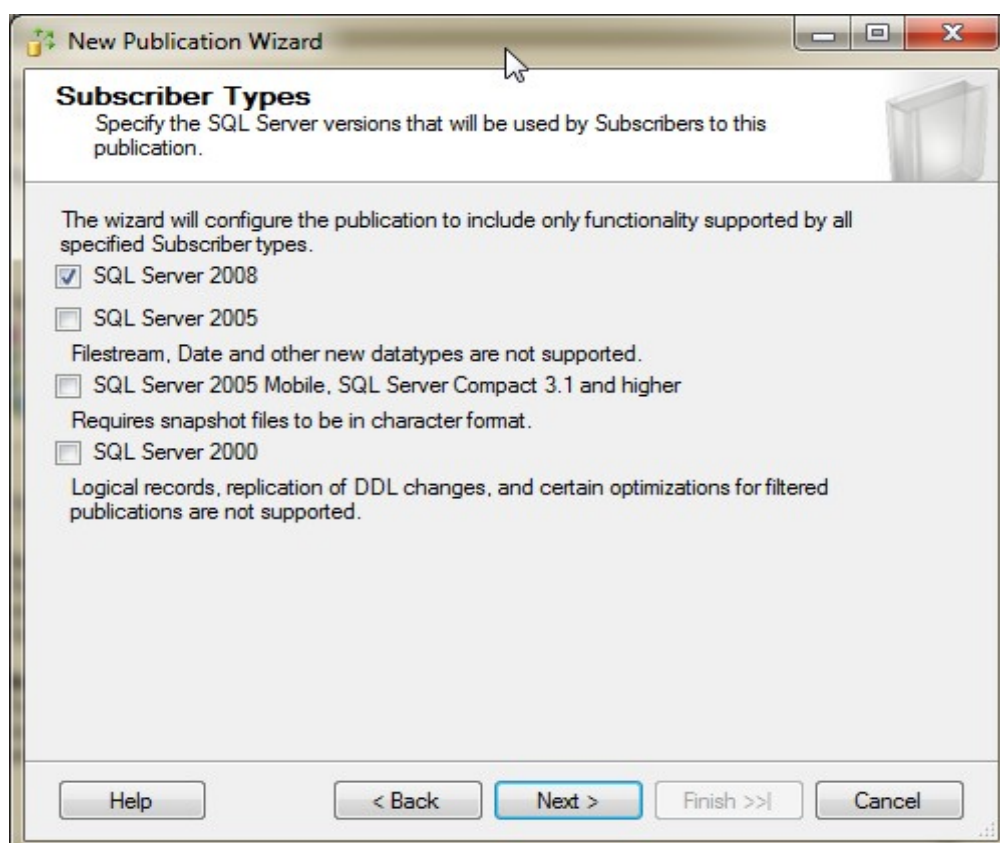
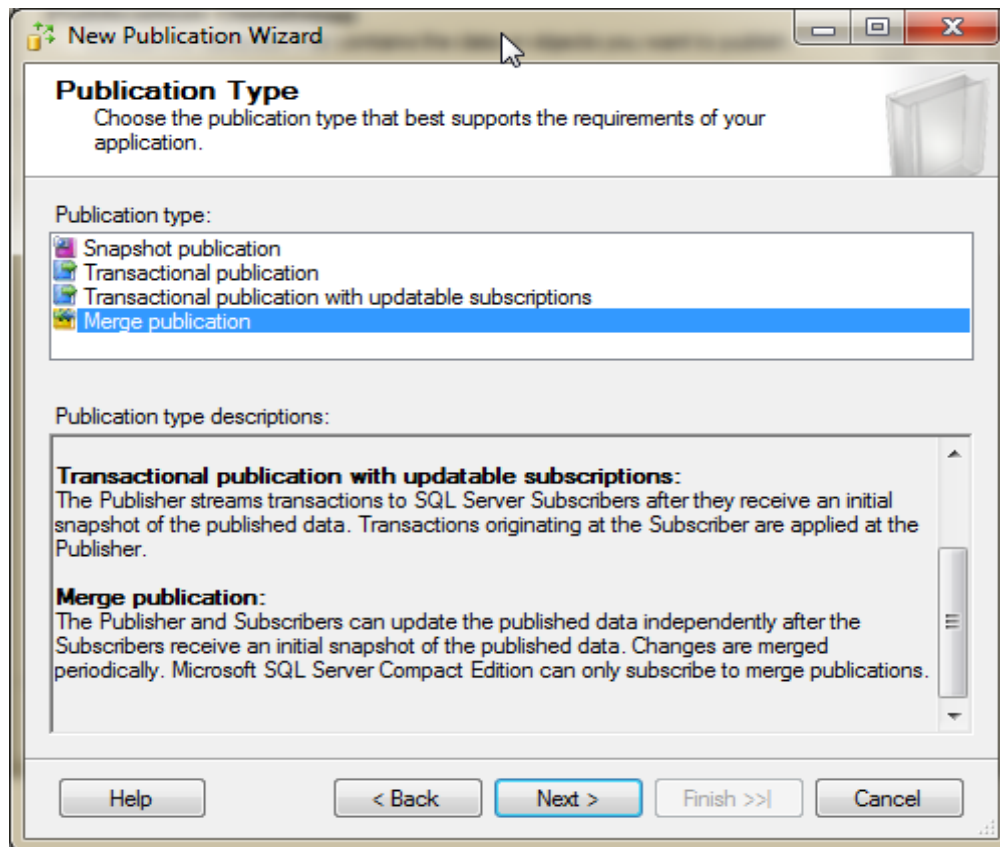
To create a publication and define articles

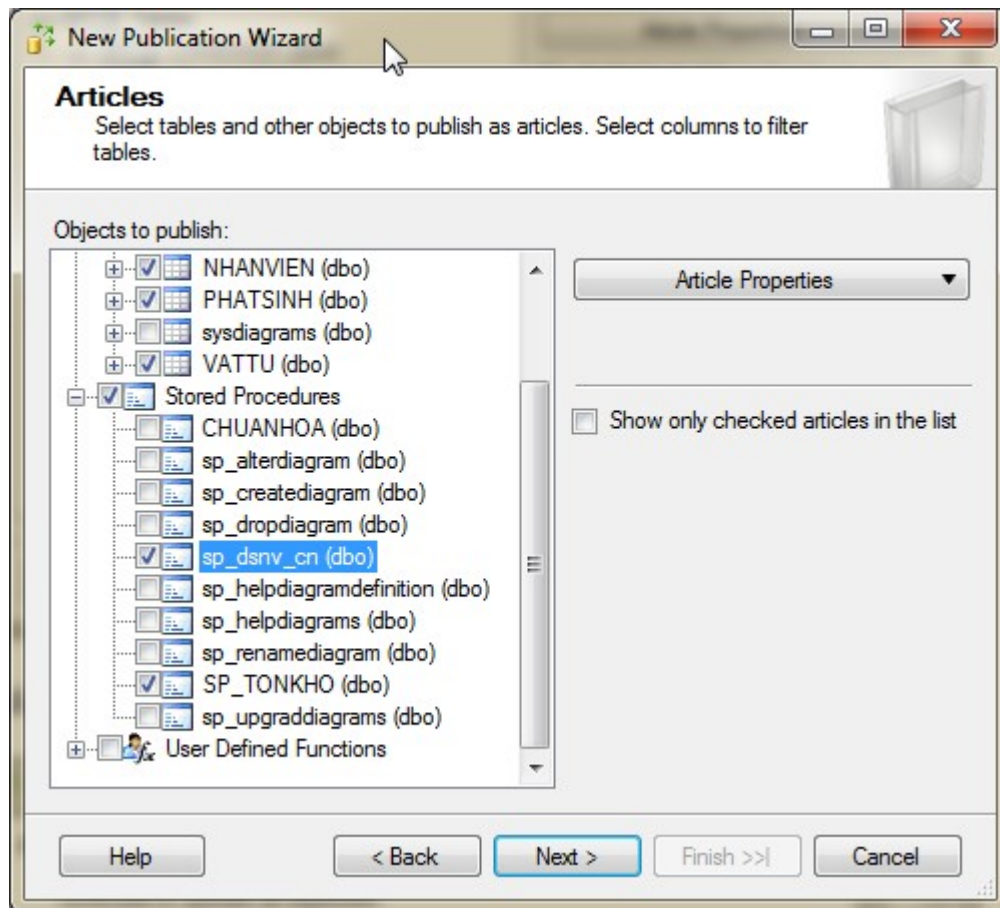
1. Connect to the Publisher in Microsoft SQL Server Management Studio, and then expand the server node.
2. Expand the **Replication** folder, and then right-click the **Local Publications** folder.
3. Click **New Publication**.



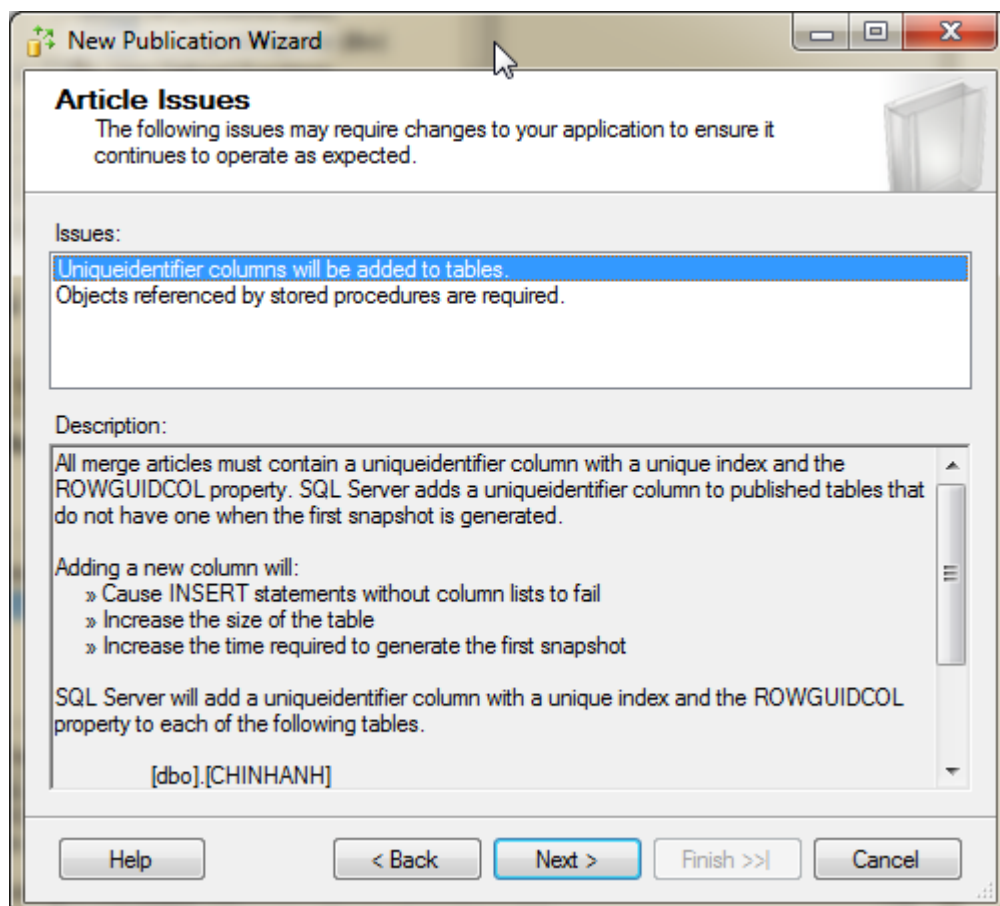
4. Follow the pages in the New Publication Wizard to:

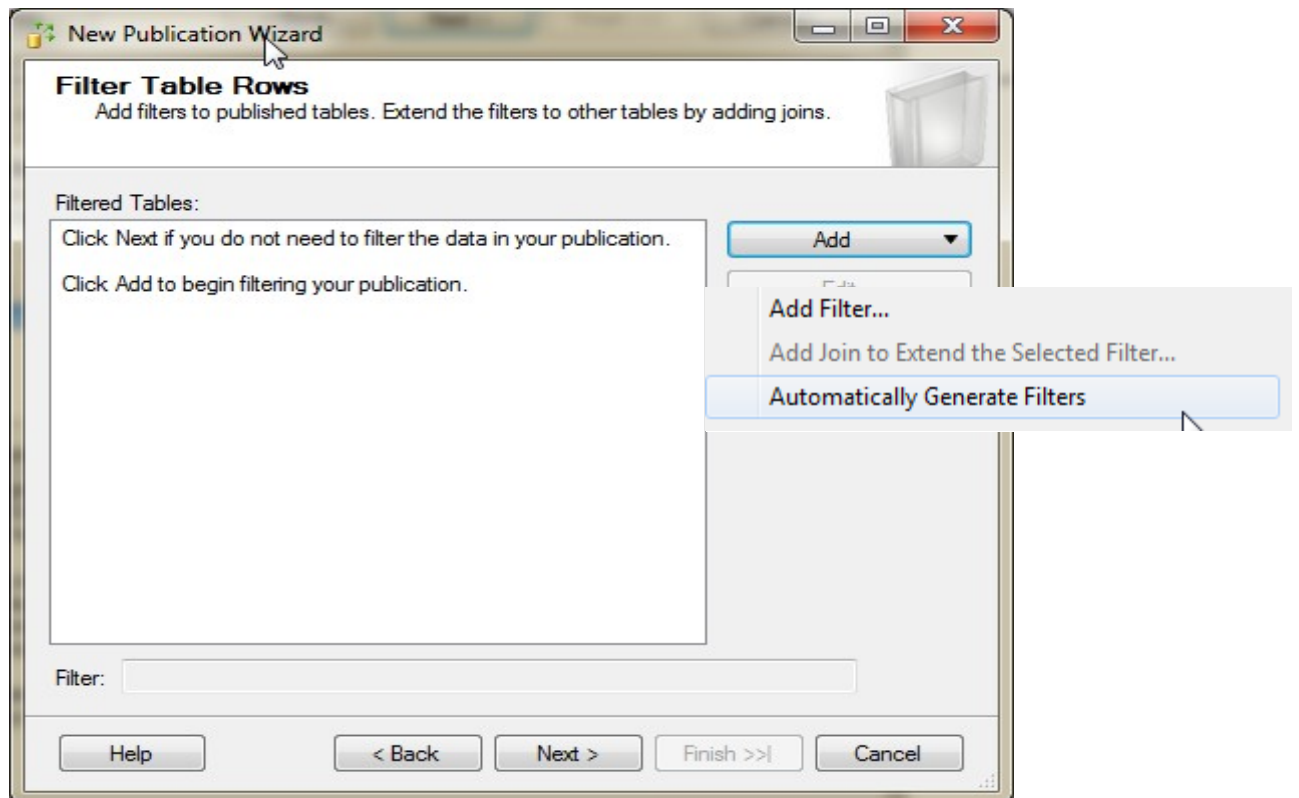




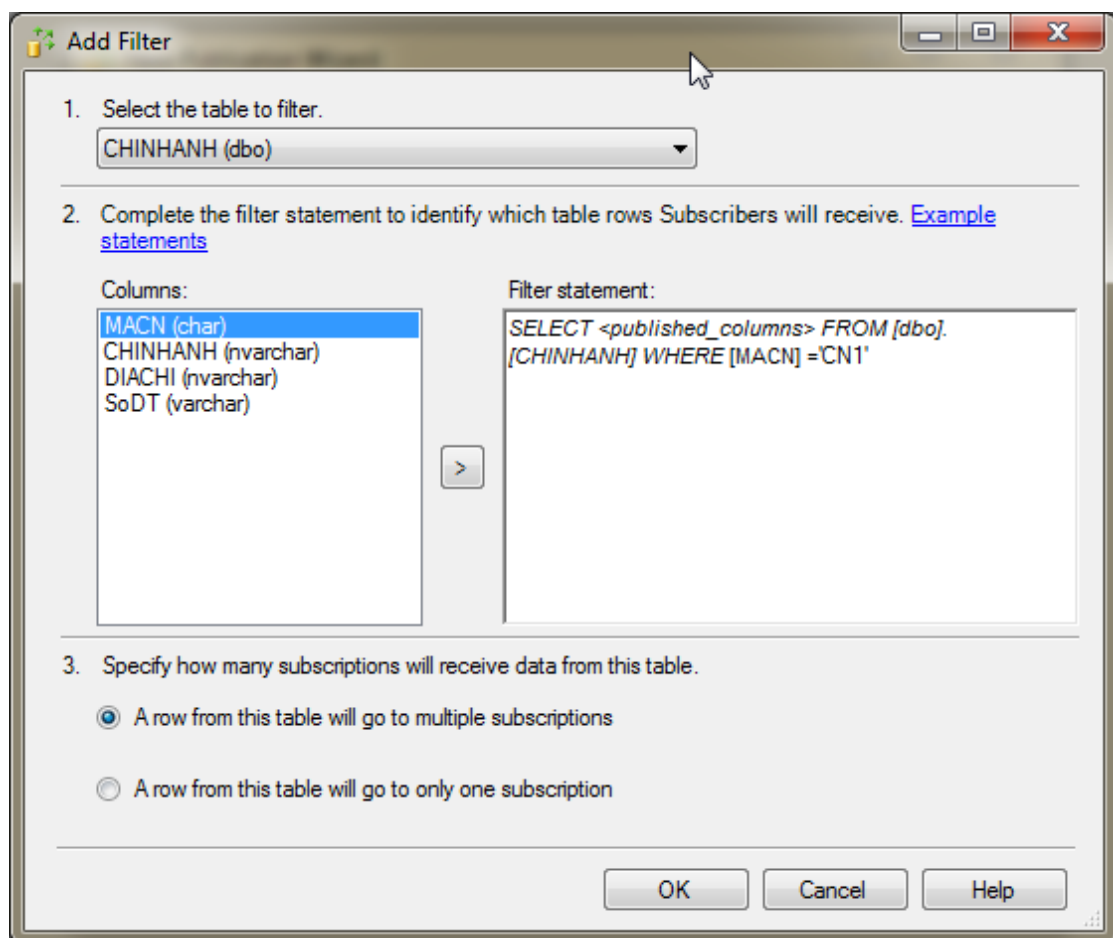


Lưu ý: **bỏ chọn** table sysdiagrams



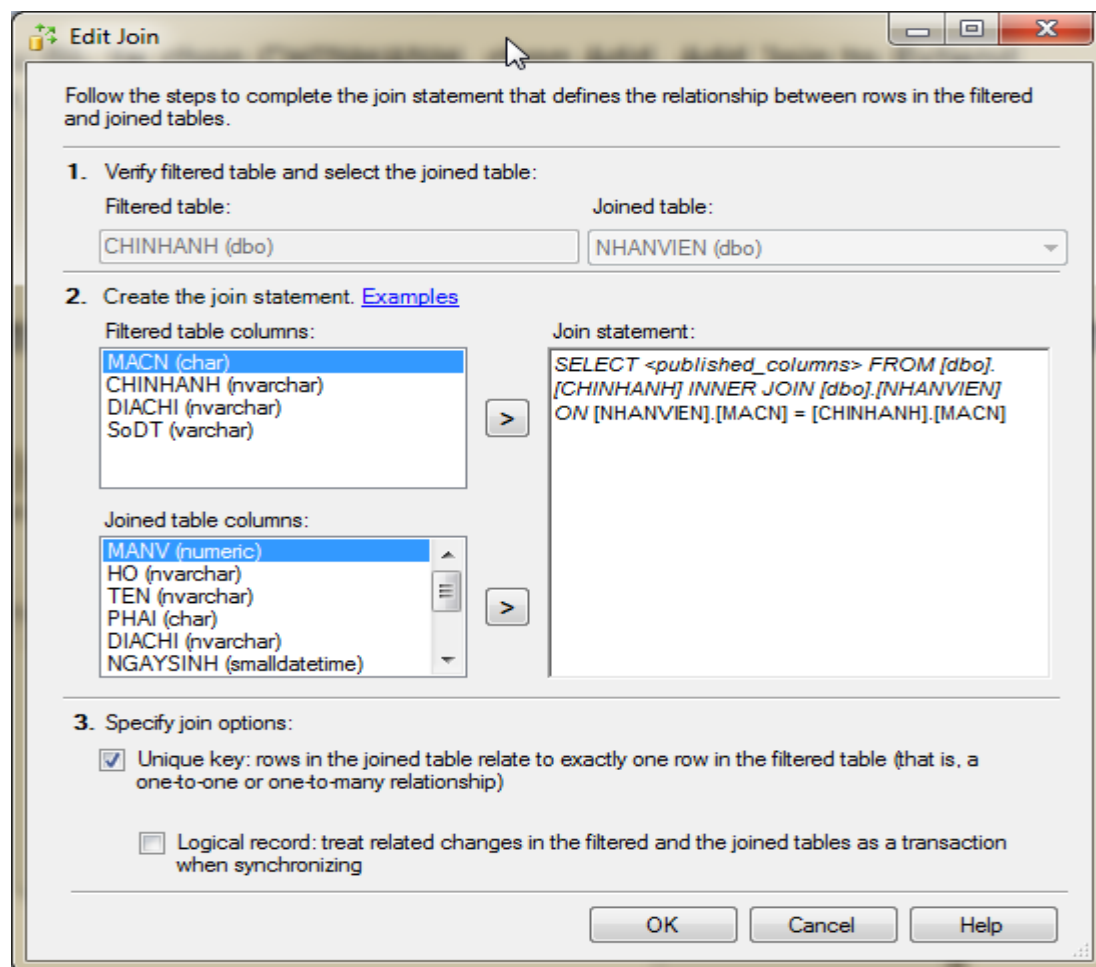


Chọn Add Filter, chọn CHINHANH và đưa vào điều kiện phân tán như hộp thoại dưới đây:

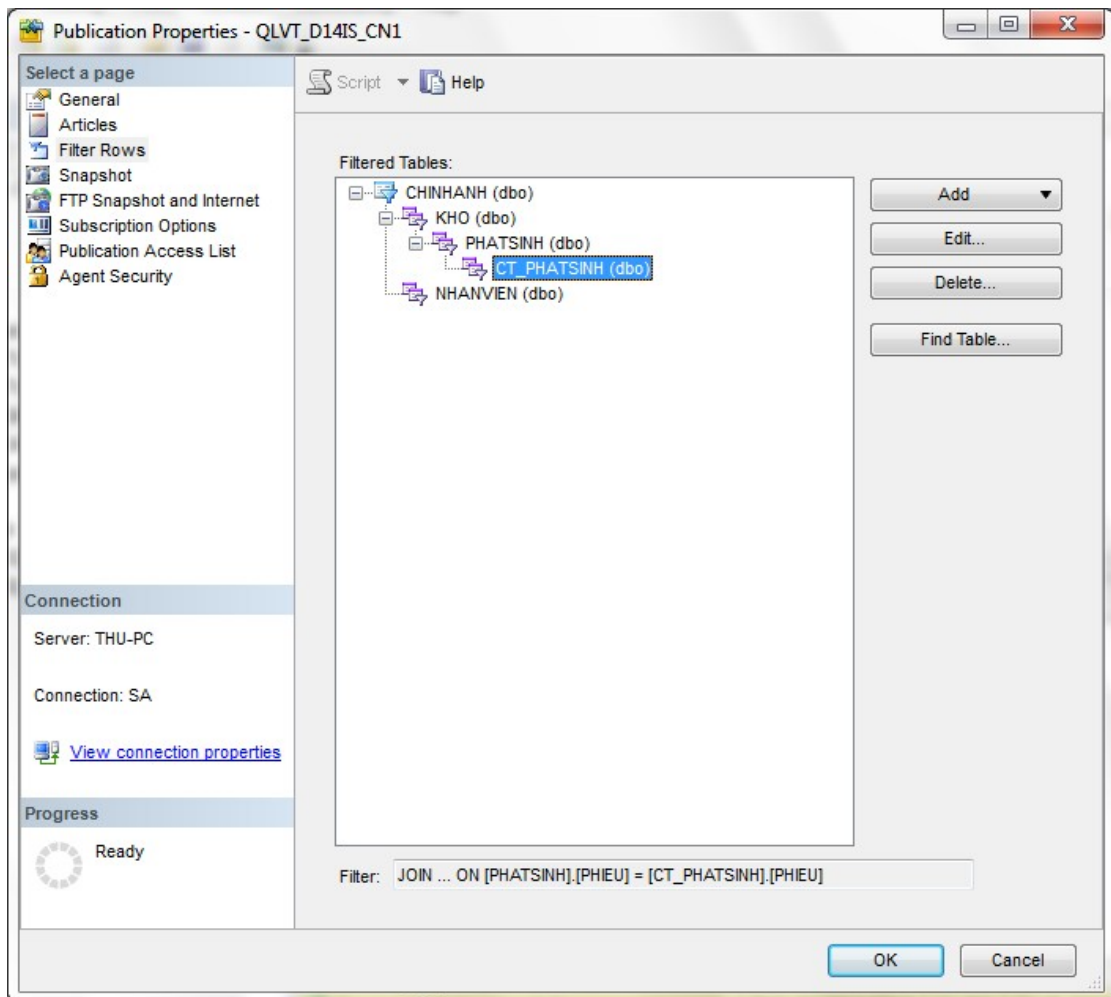


Click OK, để thoát ra ngoài

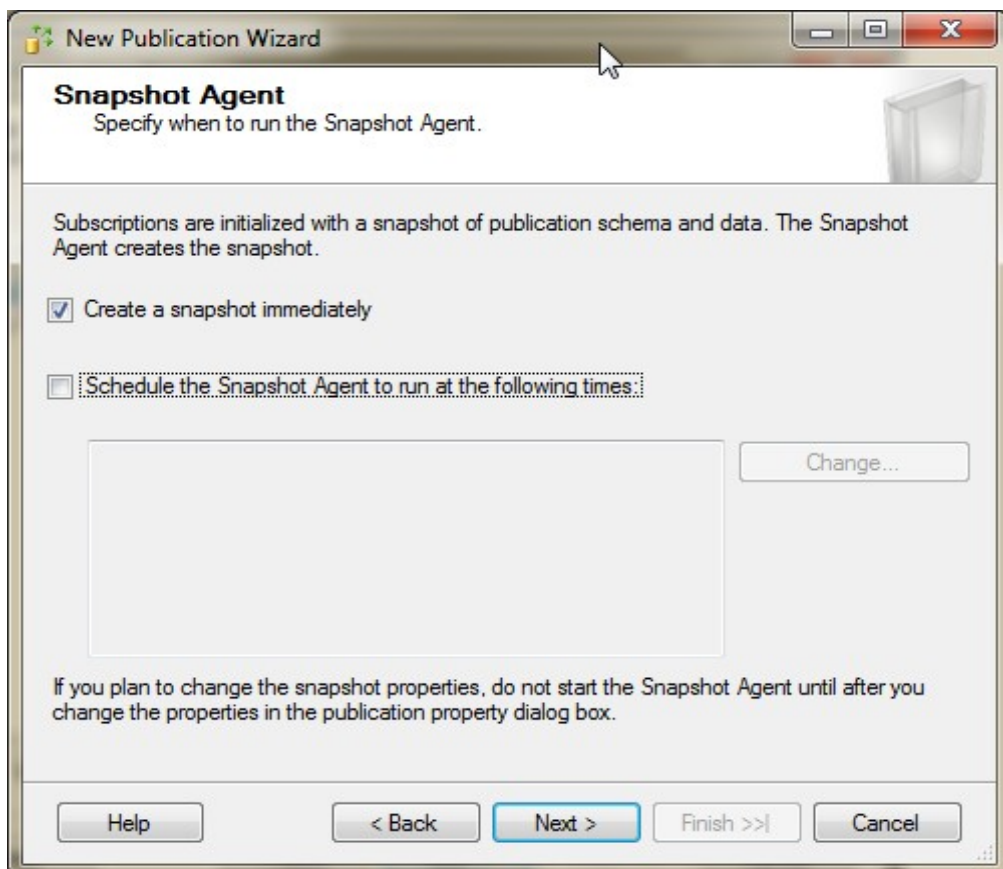
Sau đó, ta chọn CHINHANH, chọn Add, Add Join to Extend the Selected Filter để chọn NHANVIEN là quan hệ dẫn xuất theo CHINHANH như hình sau:

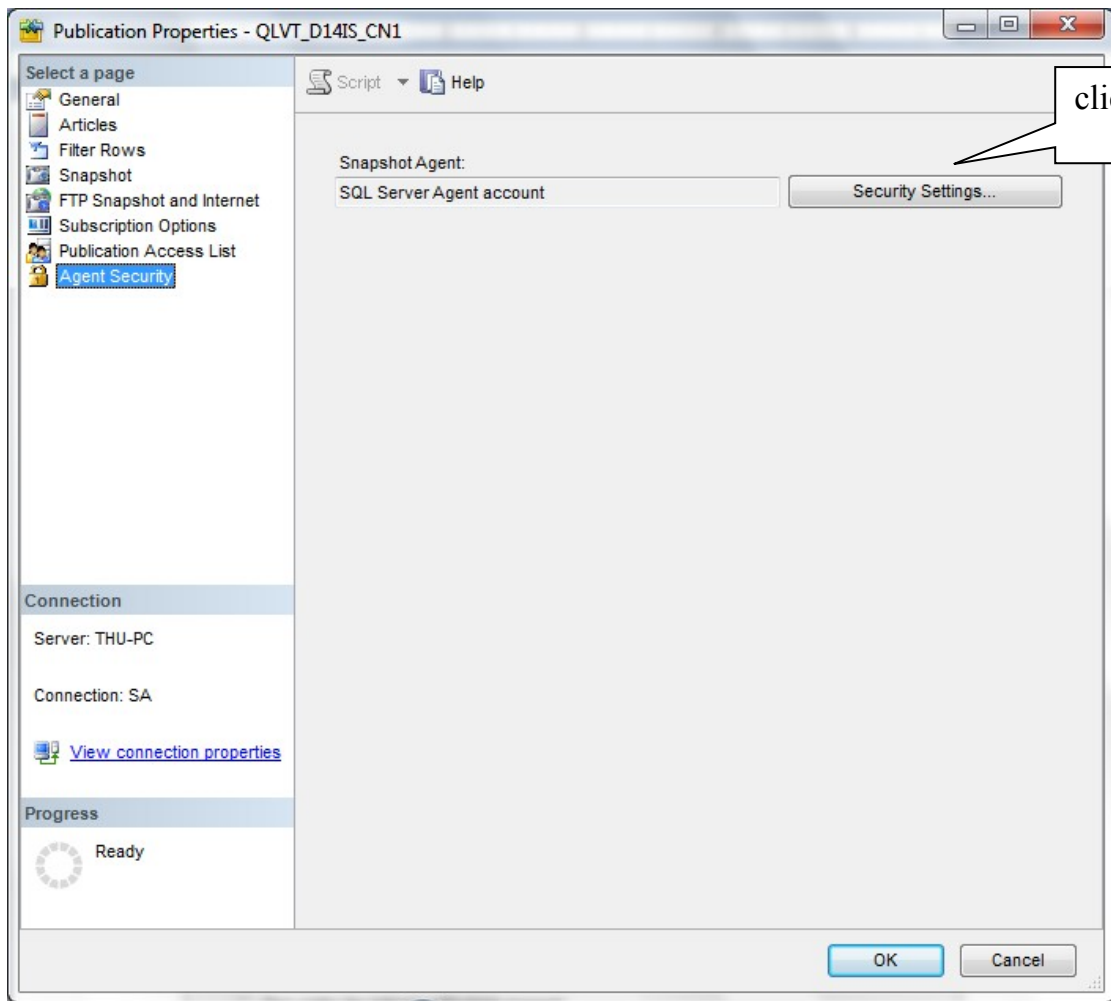


Tương tự, ta tạo các phân mảnh ngang còn lại như trong hình sau:



click OK để qua bước kế:





Snapshot Agent Security

Specify the domain or machine account under which the Snapshot Agent process will run.

☐ Run under the following Windows account:

Process account:

Example: domain\account

Password:

Confirm Password:

☒ Run under the SQL Server Agent service account (This is not a recommended security best practice.)

Connect to the Publisher

☐ By impersonating the process account

☒ Using the following SQL Server login:

Login:

Password:

Confirm Password:

OK Cancel Help

New Publication Wizard

Wizard Actions

Choose what happens when you click Finish.

At the end of the wizard:

☒ Create the publication

☐ Generate a script file with steps to create the publication

Help < Back Next > Finish >>| Cancel

New Publication Wizard

Script File Properties

Specify the properties of the script file to create at the end of the wizard.

File name:
D:\Giao Trinh\CSDL_Phan Tan\CreatePublication.sql

If file exists

☐ Append the new script to the existing file

☒ Overwrite the existing file

File format

☒ International text (Unicode)

☐ Windows text (ANSI)

Help < Back Next > Finish >>| Cancel

New Publication Wizard

Complete the Wizard

Verify the choices made in the wizard and click Finish.

Publication name: QLVT_CN1

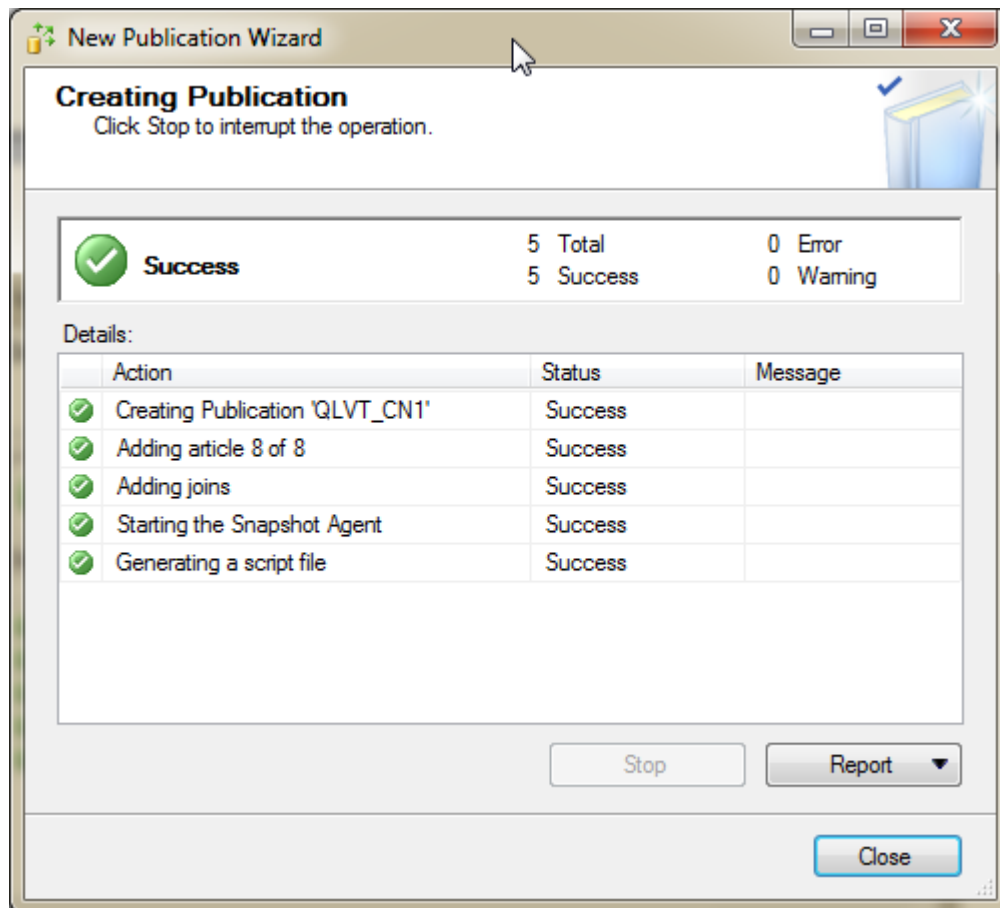
Click Finish to perform the following actions:

- Create the publication.
- Create a script file named 'D:\Giao Trinh\CSDL_Phan Tan\CreatePublication.sql' with steps to create the publication.

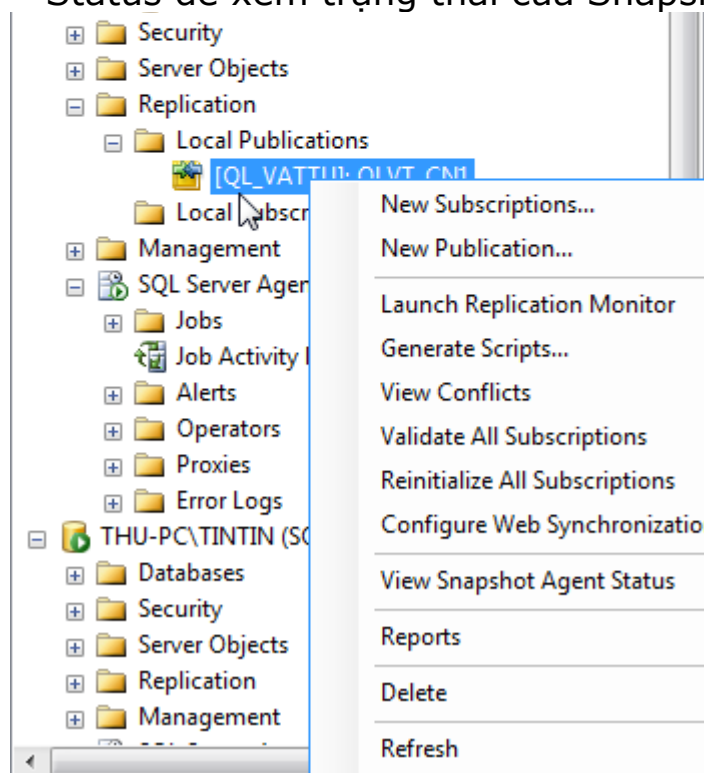
A publication will be created with the following options:

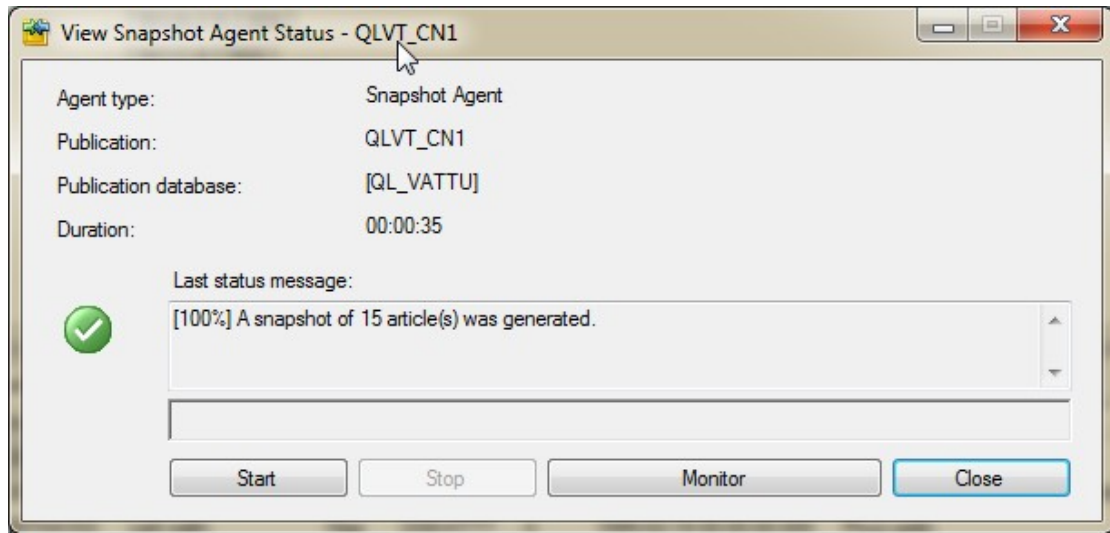
- Create a merge publication from database 'QL_VATTU'.
- The Snapshot Agent process will run under the 'thu-pc\thu' account.
- The publication compatibility level will support Subscribers that are servers running SQL Server 2008 or later.
- Publish the following tables as articles:
 - 'CHINHANH'
 - 'CT_PHATSINH'
 - 'KHO'
 - 'NHANVIEN'
 - 'PHATSINH'

Help < Back Next > Finish Cancel



- Ta đặt tên cho publication. Click chọn View Snapshot Agent Status để xem trạng thái của Snapshot Agent

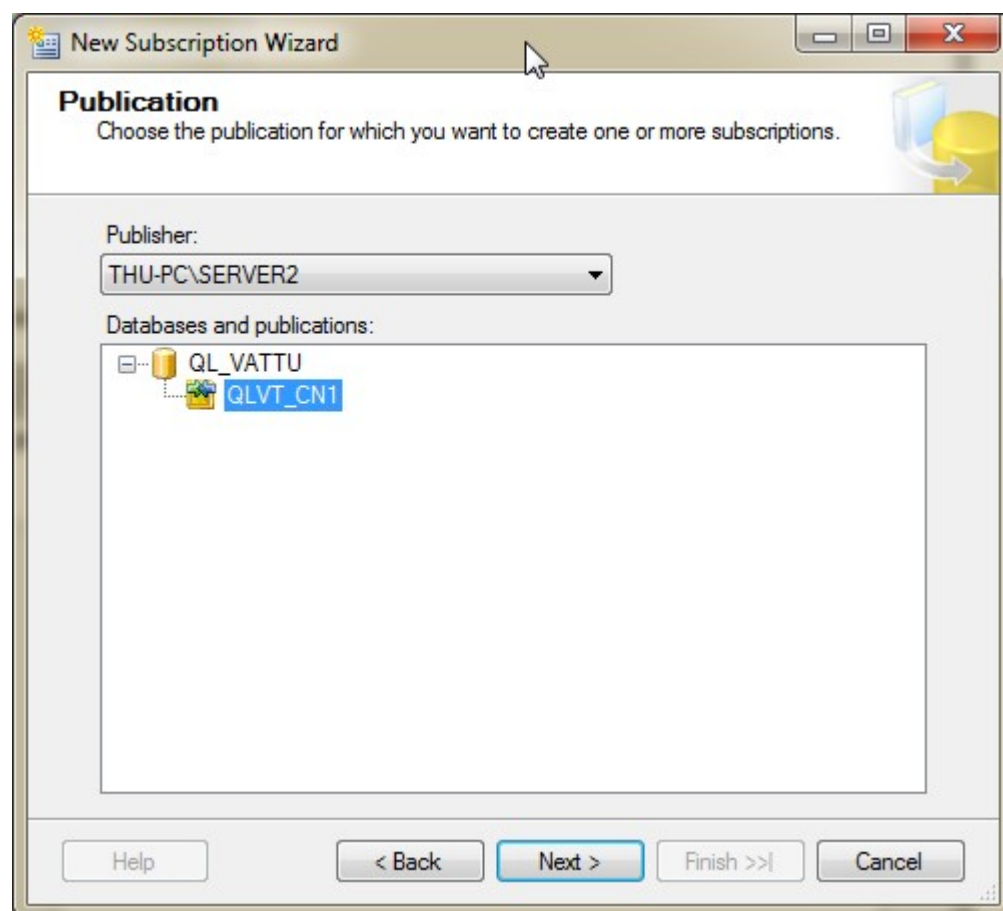
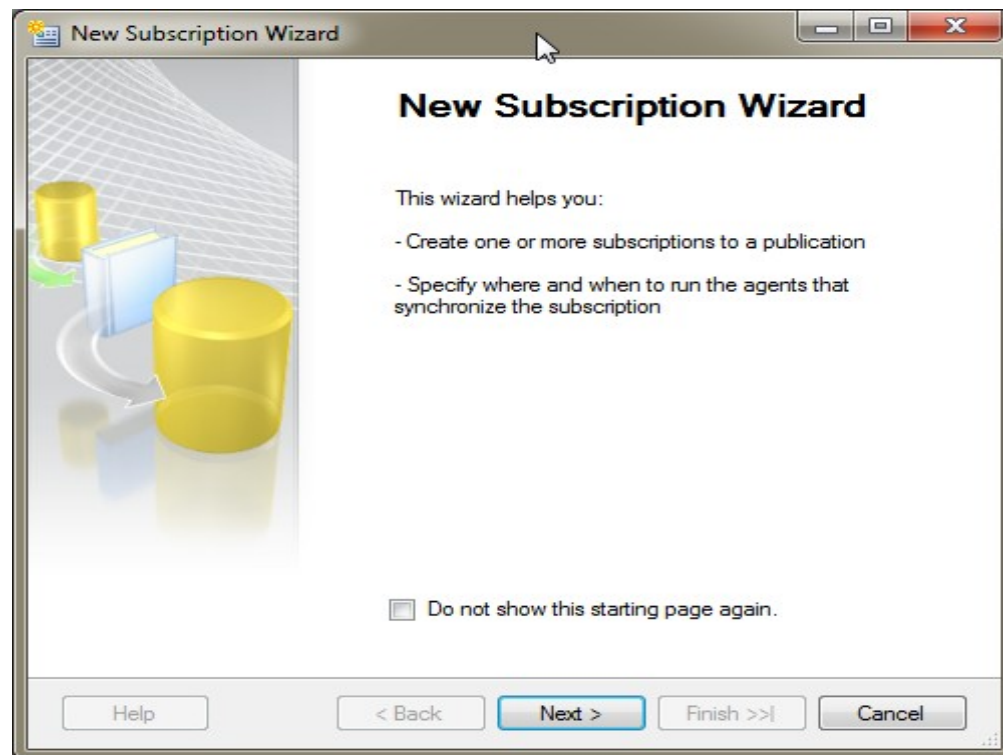


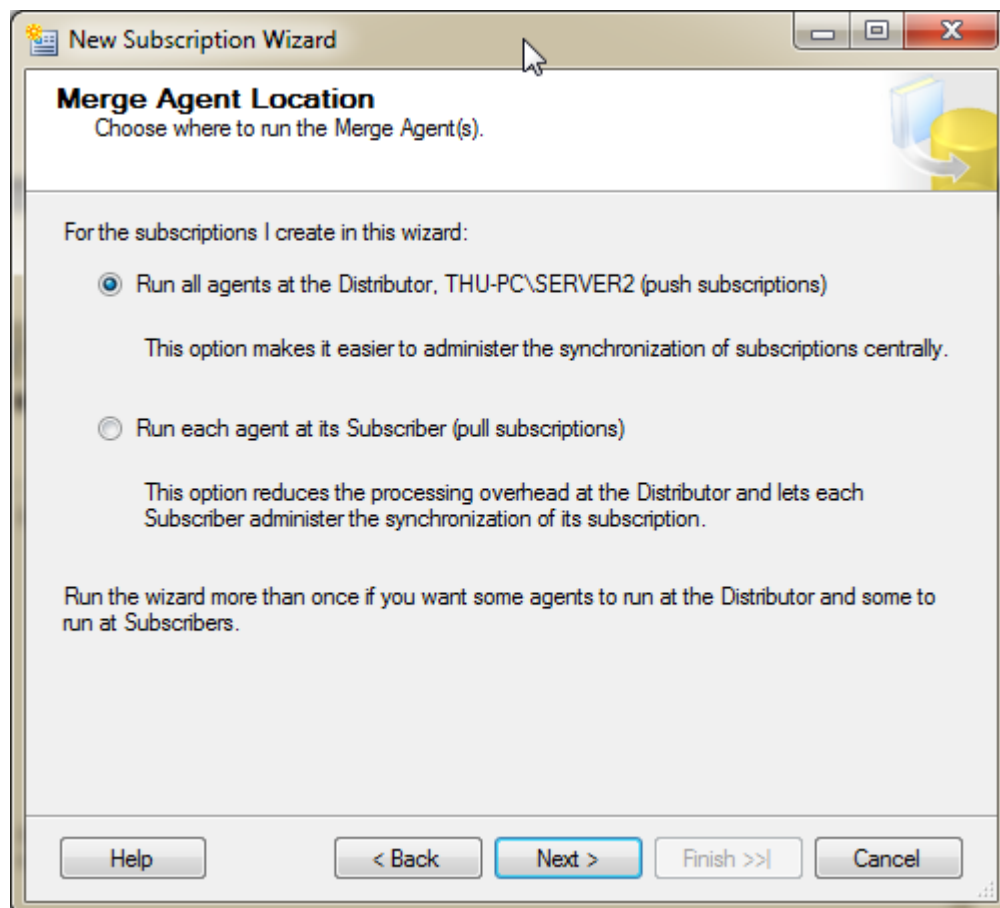


- Start : Cho Snapshot Agent hoạt động
- Monitor : mở window theo dõi quá trình đồng bộ dữ liệu .

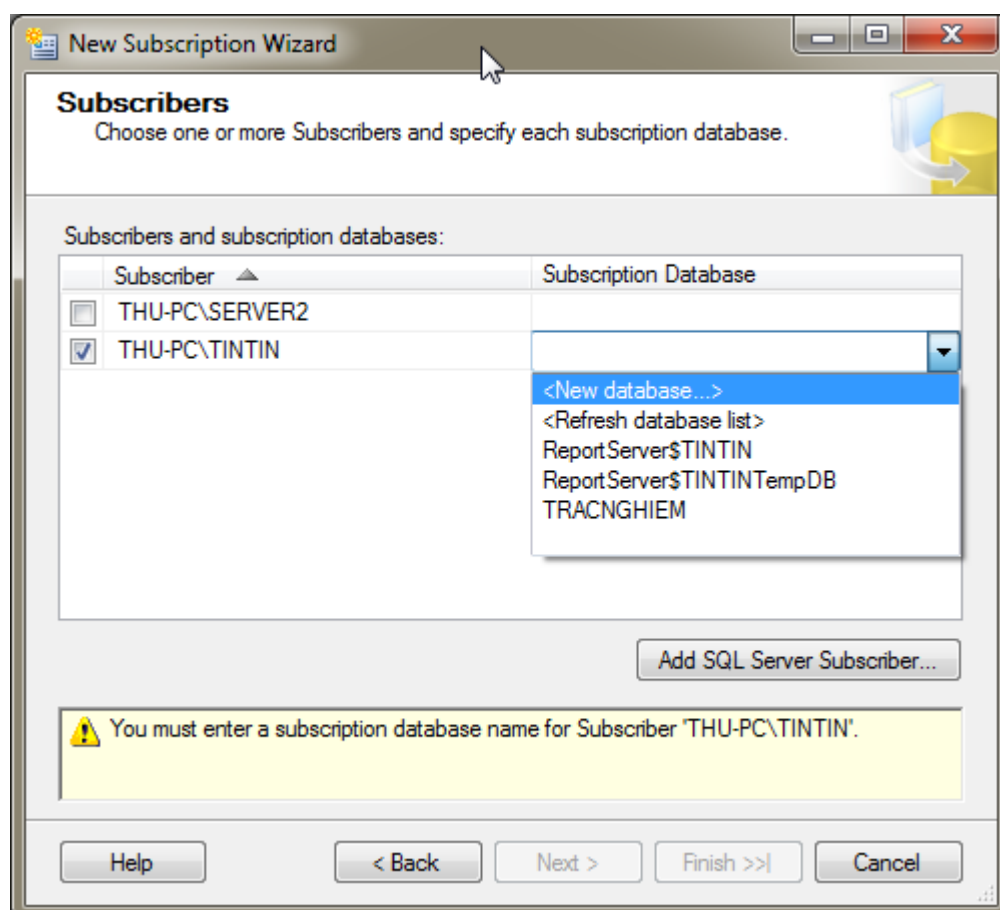
C. Tạo Subscription

Right Click trên 1 publication, chọn New Subscriptions ...





Click chọn nút lệnh Add SQL Server Subscriber để chỉ định 1 Server làm nơi chứa cơ sở dữ liệu phân tán. Sau đó, ta chỉ định tiếp 1 cơ sở dữ liệu làm nơi chứa các Article (nên là 1 cơ sở dữ liệu mới)



New Subscription Wizard

Subscribers
Choose one or more Subscribers and specify each subscription database.

Subscribers and subscription databases:

Subscriber	Subscription Database
<input type="checkbox"/> THU-PC\SERVER	
<input checked="" type="checkbox"/> THU-PC\TINTIN	QL_VATTU

Merge Agent Security

Specify the domain or machine account under which the Merge Agent process will run when sy

☐ Run under the following Windows account:

Process account:
Example: domain\account

Password:
Confirm Password:

☒ Run under the SQL Server Agent service account (This is not a recommended security best practice.)

Connect to the Publisher and Distributor

☒ By impersonating the process account

☐ Using a SQL Server login

The connection to the server on which the agent runs must impersonate the process account. The process account must be a member of the Publication Access List.

Connect to the Subscriber

☐ By impersonating the process account

☒ Using the following SQL Server login:

Login:

Password:

Confirm password:

The login used to connect to the Subscriber must be a database owner of the subscription database.

New Subscription Wizard

Merge Agent Security

Specify the process account and connection options for each Merge Agent.

Subscription properties:

Agent for Subscriber ▲	Connection to Publisher ...	Connection to Subscriber
THU-PC\TINTIN	Impersonate 'THU-PC\T...	Impersonate 'THU-PC\THU'

Help < Back Next > Finish >>| Cancel

New Subscription Wizard

Synchronization Schedule

Specify the synchronization schedule for each agent.

Agent schedule:

Subscriber ▲	Agent Location	Agent Schedule
THU-PC\TINTIN	Distributor	Run continuously ▼

Help < Back Next > Finish >>| Cancel

New Subscription Wizard

Initialize Subscriptions

Specify whether to initialize each subscription with a snapshot of the publication data and schema.

Subscription properties:

Subscriber ▲	Initialize	Initialize When
THU-PC\TINTIN	<input checked="" type="checkbox"/>	Immediately

A subscription database needs to be initialized with a snapshot of the publication data and schema unless it has already been specially prepared for the subscription.

Help < Back Next > Finish >>| Cancel

New Subscription Wizard

Subscription Type

Specify the type of each subscription and assign a priority for conflict resolution.

Subscription properties:

Subscriber ▲	Subscription Type	Priority for Conflict Resolution
THU-PC\TINTIN	Server	75.00

A server subscription can republish the data to, and be a synchronization partner with, other Subscribers. It has its own priority, a number between 0 (lowest priority) and 99.99 (highest priority), for resolving data conflicts. In addition, changes made to download-only articles at the Subscriber are replicated back to the Publisher.

Help < Back Next > Finish >>| Cancel

