

Using the CM Tool to Migrate a Standalone PME 9.0 System to a Distributed PME 9.0 System

1. Install PME 9.0 on your new server. I would do some validation to be sure it was a successful install.
2. **Assumption:** The two servers are in a domain environment. You have access to a domain account that is Administrator on both servers and is sysadmin on SQL Server on the database server.
3. Copy the CM Tool archive to the application server. You will need to unpack it to copy the database backups to the database server. You will also need to edit the file called 'ComponentCollection.json'.
4. Make the following edit in ComponentCollection.json:

Find this text in that file:

```
"Name": "IsDistributedSystem",  
  
"Value": "False"
```

change False to True and save the changes.

5. You will need to copy the edited ComponentCollection.json back into the CM Tool archive zip file so it can be consumed by the CM Tool.
6. Shut down all the ION services on the application server. I recommend temporarily disabling Network Router and the Application Modules Core Services Host services, so they don't start up inadvertently.
7. On the database server, detach the existing default databases and restore the customer databases.
8. On the database server using SSMS you will need to open and then run the script file 'Fix_PME_Users.sql' – it can be found in the \PME 9.0 Configuration Management Tool\bin\Scripts\Migration directory. Before running it, you will need to do one edit – replace <SERVER_NAME> with the database server name (the server name, not the SQL Server instance name).
9. Now you are ready to go!
10. On the application server, run ConfigurationManager.exe and choose 'Load from Archive'
11. Once the CM Tool archive is loaded, choose 'Write to System'
12. Once it finishes, run Reconfigure
13. Both Query Server and Log Inserter will have to be manually changed to point to the new database server. That can be done in Designer, or alternatively, shut down the Log Inserter and Query Server services and delete all files from the following folders:
 - a. \config\cfg\logsrv\LOGINSERTER.<application server>
 - b. \config\cfg\logsrv\QUERYSERVER.<application server>

When the services are restarted, they will recreate their configuration files and point to the correct database server

Additional Information:

1. Report Subscriptions will no longer use SQL Agent, but rather use the PME scheduling agent. Existing subscriptions will be migrated by the CM Tool from SQL Agent into the ION_Network database.