

## Configuring Master Synchronization using Private Network/Direct/IP/VPN

Master Synchronisation or Distribution of Master can be configured using Private Network/IP. However, On-Demand feature cannot be configured through Private Network/IP. On-Demand feature work only through Tally.Net Server.

Given below is the procedure of configuring Private Network/IP for Master Sync:

1. Create a separate rule (new) for **Master Synchronisation** even if you have created for **Transactions**.
2. Ensure that the Server & Client Tally is configured to act as "BOTH" or **Server/Client** in respective company under **F12 > Advanced Configuration**.

Client/Server Configuration		Client / Server
Tally is acting as	Server	Both
Enable ODBC Server	? Yes	Client
Port	: 27000	None
		Server

3. To create a master sync Rule go to **Client Company - Gateway of Tally > Import of Data > Synchronization > Client Rules > Create > Master**.

Client Rule Creation		Sun Client Ltd
Rule Type	: Master	
Name of rule	: Master Sync with HO	
Use On-demand sync <i>(Client and server need not be connected at the same time)</i>	? No	
Sync via Tally.NET server	? No	
Server URL	: 10.20.18.16:27000	
Company name on server	: Sun Server Ltd	
Direction of sync	: Receive Data	
Set/alter advanced configurations	? No	

**Direction of Sync** – Provided option either **Receive** or **Send Data** to maintain uniformity across branches and head office.

**Note:**

- § Here *On-Demand Sync* & *Sync via Tally.Net server* should be set to **No**.
- § Specify *Server IP Address with ODBC port number* as shown above.

4. Now initiate for initial sync from **Client** (handshake): From **Gateway of Tally > Import of Data > Synchronisation > Synchronise**:

Name of Company: Sun Client Ltd  
 Date of Last Entry: No Vouchers Entered  
 Gateway of Tally > Import of Data > Synchronisation

**Synchronisation**

- Rules
  - Client Rules
  - Server Rules
- Synchronisation
  - SynchrOnise
- Snapshots
  - EXchange Snapshot Online
  - hot
  - hot
  - sync Summary

Synchronising : Master Sync with HO  
 Setting up Synchronisation....

0% 50% 100%

Product	Version & Updates Ctrl + Alt + T	License & Subscription Ctrl + Alt + L	Configuration Ctrl + Alt + F	Calculator
Tally POWER OF SIMPLICITY Tally.ERP 9	Series A Release 5.0 (Beta) (Latest)	Serial Number 710002260 Gold Tally.NET subscription expiry 8-Dec-2015 Account Id ssgold@tallysolutions.com	Gateway DSAYB02:65535 Client / Server with ODBC 9898	1 16:18:54 : Sync. Start 2 16:18:57 : Synchronis 3 Company "Sun Client 4 Rule "Master Sync wi

Once after successful message at Client:

Product	Calculator
Tally POWER OF SIMPLICITY Tally.ERP 9	1 16:18:54 : Sync. Start 2 16:18:57 : Synchronising Company "Sun Client Ltd" for Rule "Master Sync with HO" 3 16:18:58 : Activate Rule "Master Sync with HO" for Company "Sun Client Ltd" in Server 4 16:18:59 : Sync. End

Note: In Direct/IP sync, it is not required to download the rule in Server. Now go to **Server End Company** and check the **Calculator Panel**, where it shows the to 'Activate the Rule'.

Product	Calculator
Tally POWER OF SIMPLICITY Tally.ERP 9	1 16:18:57 : Synchronizing with Company "Sun Client Ltd" for rule "Master Sync with HO" 2 16:18:58 : Activate the Rule "Master Sync with HO" for Company "Sun Client Ltd"

5. To activate the server rule, from **Gateway of Tally > Import of Data > Synchronisation > Server Rule**, select **Activate**:

Select Item	Sun Server Ltd
Current Period 1-4-2015 to 31-3-2016	Current Date Wednesday, 1 Apr.
Name of Rule	
List of Rules	
Client Company GUID	Client Company Name
Client Company Name	Rule Type
Rule Name	
81646970-0f05-4cbl-8372-77107516ec5f(Master)	Sun Client Ltd
	Master
	Master Sync with HO

6. Activate the Rule as shown below:

Server Rule Alteration		Sun Server Ltd	
Rule Type	: Master		
Name of rule	: Master Sync with HO		
On-demand sync	? No		
Direction of sync	: Send Data		
Deactivate when client rule changes	? Yes		
Set/alter advanced configurations	? No		
Activate rule	? Yes		

Accept ?  
 Yes or No

**Note:** In Advanced Configuration you have option to restrict Master alteration. By default it will be enabled:

**Advanced Configuration**

**General**

Synchronise altered masters ? **Yes**

**Multi currency configuration**

Send base currency symbol along with amounts ? No

Now it is ready to perform Master synchronization.

7. Create few Masters in Server and go for syncing data.

**Sun Server Ltd**

**Name of Ledger**

[Redacted]

**List of Ledgers**

- ABC Electricals
- Cash
- Conveyance A/c
- Indian Bank Ltd
- John & Co
- Profit & Loss A/c
- Rent A/c
- Salary & Wages
- Telephone Expenses

8. Now in Server, go for synchronise to send **Masters** to client- From gateway of Tally > Import of Data > Synchronisation > Synchronise. Now **Masters** are syncing without transactions:

Name of Company	Date of Last Entry	
Sun Server Ltd	No Vouchers Entered	<div style="border: 1px solid gray; padding: 10px; width: fit-content; margin: 0 auto;"> </div>

Gateway of Tally ....  
Import of Data ....

**Synchronisation**

- Rules**
  - Client Rules
  - Server Rules
- Synchronisation**
  - SynchrOnise
- Snapshots**
  - EXchange Snapshot Online
  - Export Snapshot
  - Import Snapshot
- Reports**
  - Transaction Sync Summary
  - StAtus
  - ExceptioNs
- Quit**

Sync status can be viewed in Calculator Panel:

Product	Version & Updates Ctrl + Alt + T	License & Subscription Ctrl + Alt + L	Configuration Ctrl + Alt + F	Calculator
<b>Tally</b> POWER OF SIMPLICITY <b>Tally.ERP 9</b>	Series A Release 5.0 (Beta) (Latest)	Serial Number 760003335 Gold Tally.NET subscription expiry 6-Oct-2015 Account Id tallyserver@tallysolutions.com Site Id 009	Gateway 10.20.18.16:10000 Client / Server with ODBC 27000	1 16:29:53 : Sync. Start 2 16:29:56 : Sync. End 3>

Next time, whenever Client trigger for Sync, **Masters Data** get updated at Client Company:

The screenshot shows the Tally ERP 9 interface for 'Sun Client Ltd'. The main window displays 'No Vouchers Entered' and a progress bar at the bottom. A 'Synchronisation' panel on the right shows 'Client Rules' selected. A red box highlights the message 'Synchronising : Master Sync with HO Receiving Data from server'.

Replication of Masters list received from Server:

Sun Client Ltd	
Name of Ledger	
	[Redacted]
List of Ledgers	
<b>ABC Electricals</b>	
Cash	
Conveyance A/c	
Indian Bank Ltd	
John & Co	
Profit & Loss A/c	
Rent A/c	
Salary & Wages	
Telephone Expenses	

See also:

[How to sync only Master without transactions?](#)