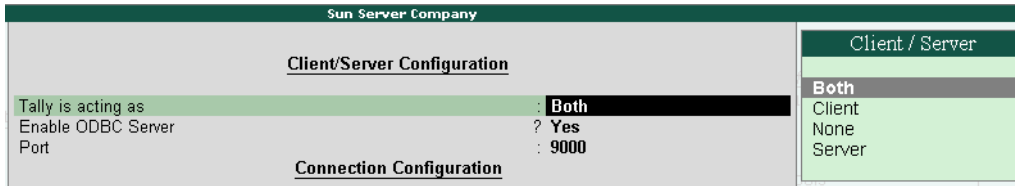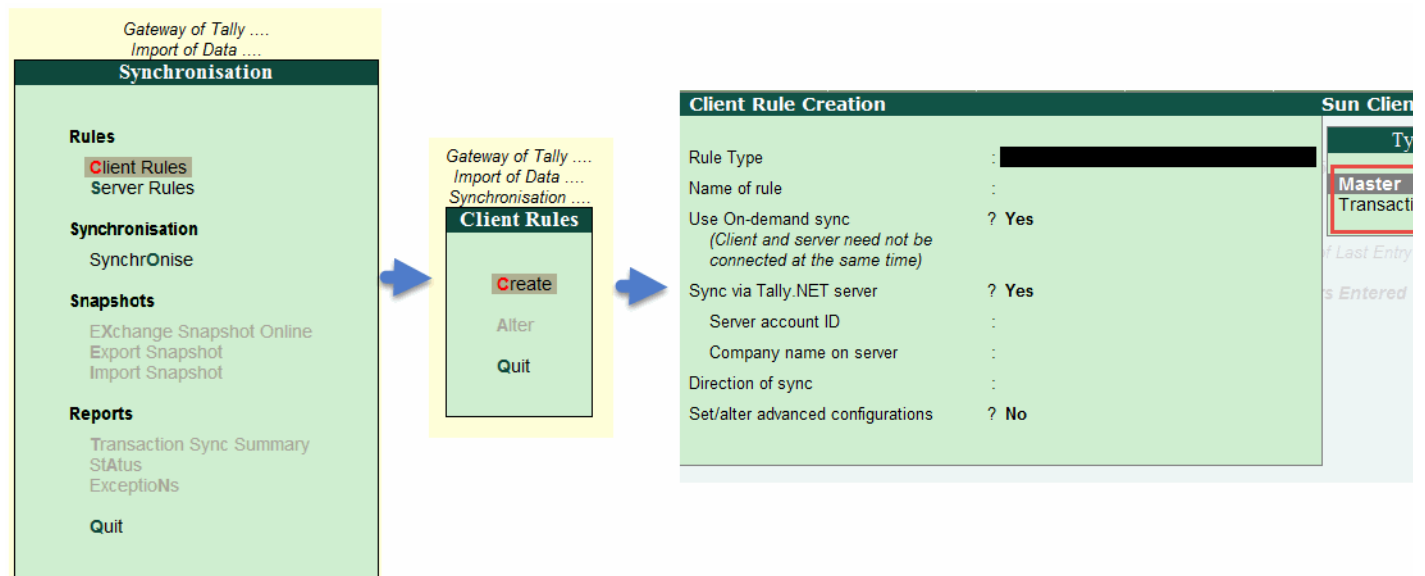# Configuring Data Exchange through On-Demand Synchronization (Valid till Release 5.0)
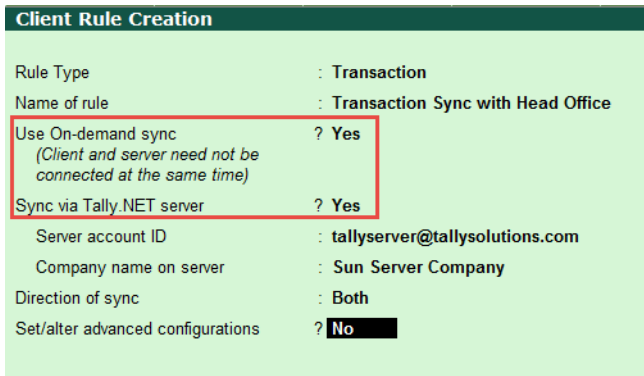
First, you have to ensure that the Server and Client are configured to act as "**BOTH**" or **Server/Client** in **F12** > **Advanced Configuration**.



Create '**Client Rule**' from client end – From **Gateway of Tally** > **Import of Data** > **Synchronization** > **Client Rules** > **Create** > **Transaction**:



Create a Rule for **Transaction** as shown below. Here need to enable a new option '**Use On-Demand Sync**':



**Note:**

> § As On-Demand sync is enabled, data synchronization can be performed without connecting companies to Tally.Net server.
>
> § If 'Use On-Demand Sync' is disabled, then it is necessary to connect companies to Tally.Net server (which is old behavior as Rel 4.93)
>
> § On-Demand Sync feature can be performed only through Tally.Net Server, this facility is not applicable for '**Direct/IP Sync**'
>
> § If On-Demand Sync is enabled then cursor will not move to '**Sync via Tally.NET server**'. This option is by default set it YES.

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

| | | |
|---|---|---|
| 1-4-2015 to 31-3-2016 | Wednesday, 1 Apr, 2015 | Gateway of Tally .... |
| | | Import of Data .... |
| | | **Synchronisation** |
| **List of Selected Companies** | | |
| | | **Rules** |
| *Name of Company* | *Date of Last Entry* | **M**aster |
| **Sun Client Company** | **No Vouchers Entered** | |

*Synchronising : Transaction Sync with Head Office*
**Setting up Synchronisation....**

0%   50%   100%

napshot Online
hot
hot

Sync Summary

If you observe, the rule has been synchronized without connecting company and connectivity status of other end.

Once after initial sync is completes, you can see message on calculator panel as:

**Calculator**

| | |
|---|---|
| 1 | 13:53:56 : Sync. Start |
| 2 | 13:54:00 : Synchronising Company "Sun Client Company" for Rule "Transaction Sync with Head Office" |
| 3 | 13:54:01 :   Activate Rule in Server |
| 4 | 13:54:01 : Sync. End |

Now download the Rule at Server Company with which Synchronisation needs to be performed. From **Gateway of Tally** > **Import of Data** > **Synchronisation** > **Synchronise:**



| | | |
|---|---|---|
| *Current Period* | *Current Date* | Gateway of Tally .... |
| 1-4-2015 to 31-3-2016 | **Wednesday, 1 Apr, 2015** | Import of Data .... |
| | | **Synchronisation** |
| **List of Selected Companies** | | |
| | | **Rules** |
| *Name of Company* | *Date of Last Entry* | **M**aster |
| **Sun Server Company** | **No Vouchers Entered** | |

*Synchronising :*
**Setting up Synchronisation....**

0%   50%   100%

napshot Online
hot
hot

Sync Summary

Once after downloading the rule, you can see message in calculator panel as:

**Calculator**

| | |
|---|---|
| 1 | 13:57:57 : Sync. Start |
| 2 | 13:58:01 : Synchronising Company "Sun Server Company" for Rule "5472cd39-6705-4744-ae85-67c5a58a91f2" |
| 3 | 13:58:02 :   Activate Rule |
| 4 | 13:58:02 : Sync. End |

To activate server rule: From **Gateway of Tally** > **Import of Data** > **Synchronisation** >**Transaction** > **Server Rule** > **Activate:**



**Sun Server Company**

**Name of Rule**

*Current Date*
Wednesday, 1 Apr, 2

List of Rules

| Client Company GUID | Client Company Name | Rule Name |
|---|---|---|
| 5472cd39-6705-4744-ae85-67c5a58a91f2 | **Sun Client Company** | **Transaction Sync with Head Office** |

## Server Rule Alteration

| | | |
|---|---|---|
| Rule Type | : | **Transaction** |
| Name of rule | : | **Transaction Sync with Head Office** |
| On-demand sync | ? | **Yes** |
| Direction of sync | : | **Both** |
| Deactivate when client rule changes | ? | **No** |
| Set/alter advanced configurations | ? | **No** |
| Activate rule | ? | **Yes** |

**Accept ?**

**Yes** or **No**

**Note:**

> § *Once after activation of Rule at Server, need to sync again to send confirmation of acceptance to client end.*
>
> § *Whenever client sync next time, the Server acceptance will be updated at Client.*

**Now it is ready to perform data synchronization**

Pass few transactions in Client and go for syncing data:

| Day Book | Sun Client Company | | | |
|---|---|---|---|---|

**Day Book**

| Date | Particulars | Vch Type | Vch No. | Debit Amou Inwards Q |
|---|---|---|---|---|
| 18-6-2015 | **Conveyance A/c** | **Payment** | 1 | 2,500.0 |
| 18-6-2015 | **Rent** | **Payment** | 2 | 14,500.( |
| 18-6-2015 | **Party** | **Sales** | 1 | 45,000.( |

**List of Selected Companies**

**Synchronisation**

| Name of Company | Date of Last Entry |
|---|---|
| **Sun Client Company** | **18-Jun-2015** |

**Rules**

Master

*Synchronising : Transaction Sync with Head Office*
**Setting up Synchronisation....**

apshot Online
hot
hot

Sync Summary

0%          50%          100%

Now in Server, go for synchronise to get data of client - From **Gateway of Tally** > **Import of Data** > **Synchronisation** > **Synchronise**:

*Import of Data ....*

**List of Selected Companies**

**Synchronisation**

| Name of Company | Date of Last Entry |
|---|---|
| **Sun Server Company** | **18-Jun-2015** |

**Rules**

Master

*Synchronising : Transaction Sync with Head Office*
**Receiving Data from server**

apshot Online
hot
hot

Sync Summary

0%          50%          100%

Transactions of client got synchronized with Server company:

**Day Book**

| Date | Particulars | Vch Type | Vch No. | Debit Amou Inwards Q |
|------|-------------|----------|---------|----------------------|
| 18-6-2015 | **Conveyance A/c** | **Payment** | 1 | 2,500. |
| 18-6-2015 | **Rent** | **Payment** | 2 | 14,500. |
| 18-6-2015 | **Party** | **Sales** | 1 | 45,000. |

# See also

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

[What are the features and benefits of On-Demand Data Synchronization?](#)

[What is 'On-Demand Data Synchronization'?](#)