

Yealink

Yealink Multi-Cell System



How to configure auto sync tree

[1. Configure Sync Tree Mode](#)

[2. Scene 1: Generate Auto Sync Tree for the System](#)

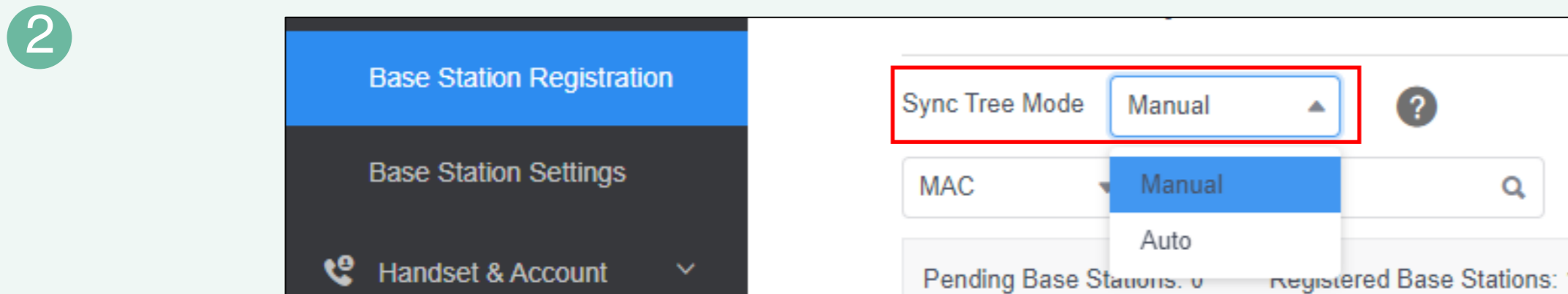
[3. Scene 2: Add a New Base to the System](#)

[4. Scene 3: A base goes offline](#)

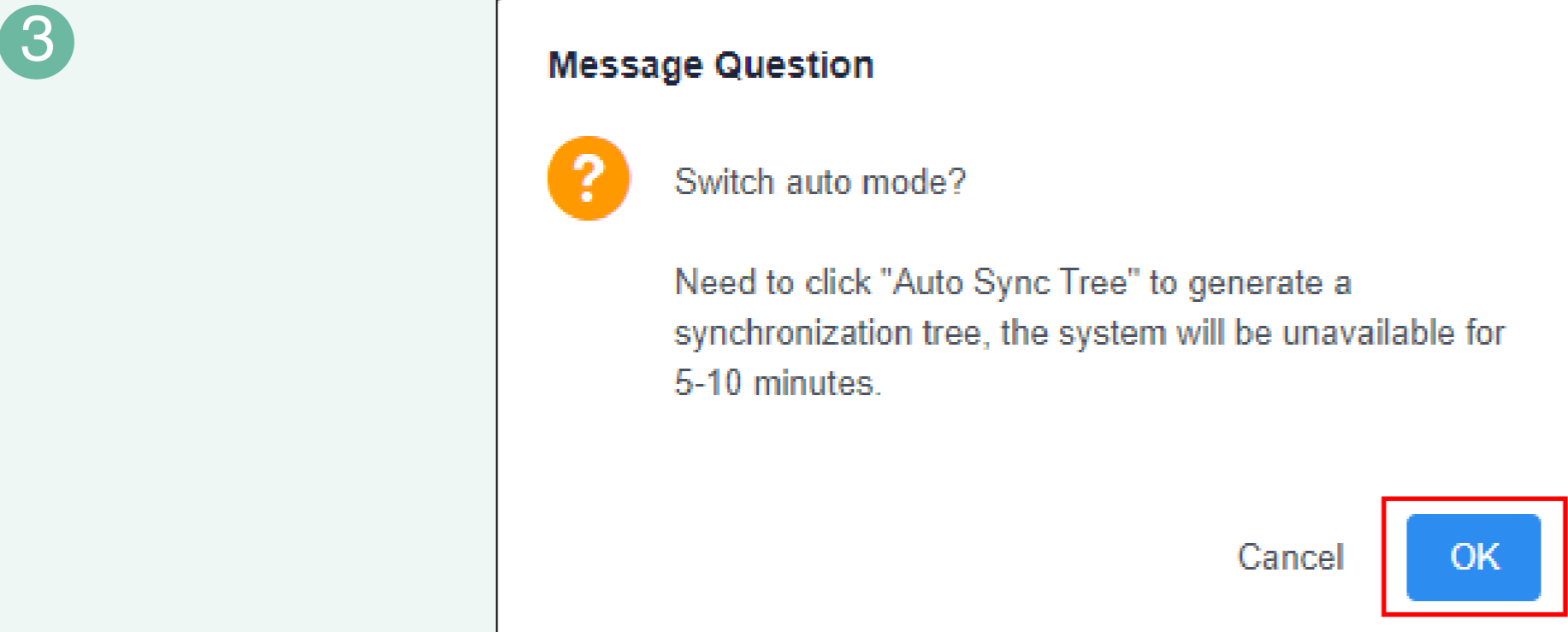
[5. Related Parameters](#)

Configure Sync Tree Mode

- 1 Access the web user interface of the DM, and go to **Base Station > Base Station Registration**.



Select **Auto** from the **Sync Tree Mode** drop-down menu.



Click **OK** to switch to the auto mode.

Note:

When you switch to the auto mode, the bases in the system can synchronize each other. You don't need to pre-configure the sync level before measurement deployment and measure according to the sync level.

Scene 1: Generate Auto Sync Tree for the System

- 1 Access the web user interface of the DM, and go to **Base Station > Base Station Registration**.
- 2 Manually register base stations in the Base Station Standby list to the DM.

3

Base Station Standby

Sync Tree Mode Auto

Please click "Auto Sync Tree" to complete automatic synchronization.

Click the prompt "**Please click "Auto Sync Tree" to complete automatic synchronization.**".

4

Connected Base Stations

Registered Base Stations: 4 | 60 Abnormal Base Stations: 4 System Sync: DECT

Auto Sync Tree

#	Base Station	RPN	IP	Cluster	Sync Level	LAN Master	Sync Type	Status	Operation
1	Base Station 1	1	10.81.6.37	1	2	OFF	DECT	Active	[Edit] [Power] [Delete]
2	Base Station 2	2	10.81.0.57	1	2	OFF	DECT	Active	[Edit] [Power] [Delete]
3	Base Station 3	3	10.81.12.102	1	2	OFF	DECT	Active	[Edit] [Power] [Delete]
4	Base Station 4	4	10.81.0.40	1	2	OFF	DECT	Active	[Edit] [Power] [Delete]

Total: 4 1 10 / Page Goto 1 Page Configure DM IP for Bases Reboot All Refresh

Click **Auto Sync Tree**.


It takes 5 to 10 minutes to finish the automatic synchronization. After that, the system is available.

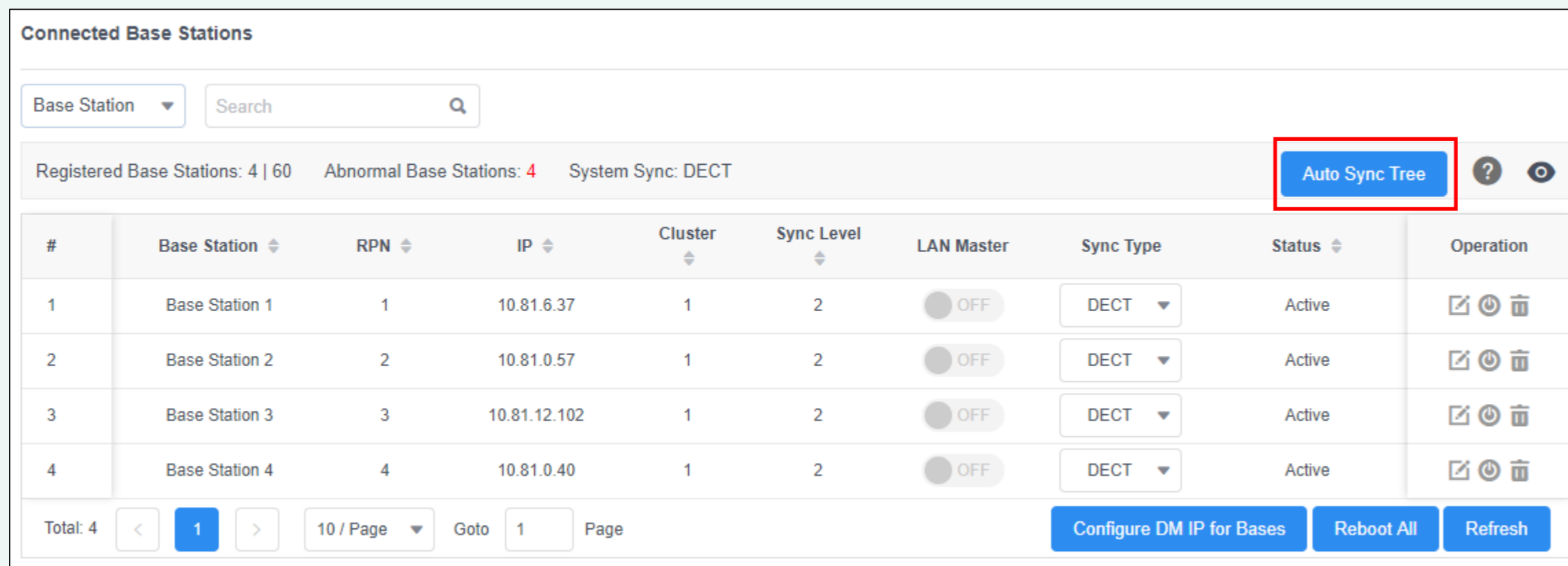
Scene description:

Some base stations are registered to the DM, but they have no sync level at this time and will not synchronize.

For more information on how to register base stations, refer to the guide *How to register a base to DECT manager (DM)*.

Scene 2: Add a New Base to the System













- 1 Access the web user interface of the DM, and go to **Base Station > Base Station Registration**.
- 2 In the **Base Station Standby** list, click  next to the base station to register.
The sync level of the newly added base is **Auto**, it will not be synchronized to the system, and the original system is available.
- 3 Go to **Base Station Settings**, and click **Auto Sync Tree**.



Connected Base Stations

Base Station

Registered Base Stations: 4 | 60 Abnormal Base Stations: 4 System Sync: DECT **Auto Sync Tree** ?

#	Base Station	RPN	IP	Cluster	Sync Level	LAN Master	Sync Type	Status	Operation
1	Base Station 1	1	10.81.6.37	1	2	OFF	DECT	Active	  
2	Base Station 2	2	10.81.0.57	1	2	OFF	DECT	Active	  
3	Base Station 3	3	10.81.12.102	1	2	OFF	DECT	Active	  
4	Base Station 4	4	10.81.0.40	1	2	OFF	DECT	Active	  

Total: 4 < 1 > 10 / Page Goto 1 Page **Configure DM IP for Bases** **Reboot All** **Refresh**

It takes 5 to 10 minutes to finish the automatic synchronization.
The system is available after the base completes synchronization according to their sync level.

Scene description:

The automatic synchronization has finished. At this time, you need to add an additional base to the system.

Scene 3: A base goes offline

1 Access the web user interface of the DM, and go to **Base Station > Base Station Settings**.

2 Click **Auto Sync Tree**.

Connected Base Stations

Base Station Search

Registered Base Stations: 4 | 60 Abnormal Base Stations: 4 System Sync: DECT

Auto Sync Tree

#	Base Station	RPN	IP	Cluster	Sync Level	LAN Master	Sync Type	Status	Operation
1	Base Station 1	1	10.81.6.37	1	2	OFF	DECT	Active	[Edit] [Power] [Trash]
2	Base Station 2	2	10.81.0.57	1	2	OFF	DECT	Active	[Edit] [Power] [Trash]
3	Base Station 3	3	10.81.12.102	1	2	OFF	DECT	Active	[Edit] [Power] [Trash]
4	Base Station 4	4	10.81.0.40	1	2	OFF	DECT	Active	[Edit] [Power] [Trash]

Total: 4 < 1 > 10 / Page Goto 1 Page

Configure DM IP for Bases Reboot All Refresh

The system starts to automatically receive and collect RSSI data. It takes 5 to 10 minutes to finish the automatic synchronization. During this period, the system is unavailable.

After the automatic synchronization, each base has been automatically assigned a sync level and the system is available.

Scene description:

The automatic synchronization has finished. At this time, a base in the system is powered off (the status is offline).

Note:

The base whose status is offline will keep its original status and will not involve the deployment.

Related Parameters

features.sync.tree.mode

phone_setting.auto_sync.action

station.X.name

station.X.sync.cluster

station.X.sync.level

station.X.active

station.X.lan_master.enable

station.X.ext_ptp.enable

station.X.sync.type

Yealink

Visit support.yealink.com for more information.