Yealink
IP Phone
Configuration Guides

Yeastar Technology Co., Ltd.

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Yealink IP phone Configuration Guides

Manually Configuring a Yealink T12, T18, T18P, T20, T20P, T22, T22P, T26, T26P, T28, T28P, T32G, T38G, VP530, VP-2009 for MyPBX

Important:

This guide has been tested for Yealink T12, T18, T18P, T20, T20P, T22, T22P, T26, T26P, T28, T28P, T32G, T38G, VP530, VP-2009 with firmware version X.70.0.60, Be aware that different firmware revisions may have different web interface formats and functionality.
The preferred method to configure a Yealink T2X Phone is via Provisioning. You can however follow this guide to manually configure your phone.

Register with MyPBX manually

1. Start up the phone and identify its IP Address – press the menu key on the phone, and select the "Settings" option. For this example we will assume the IP Address of the phone is 192.168.5.126, and IP Address of MyPBX is 192.168.5.150

2. Point your browser to the web interface of the phone: http://192.168.5.126

3. Enter the phone's login username (default "admin") and password (default "admin").

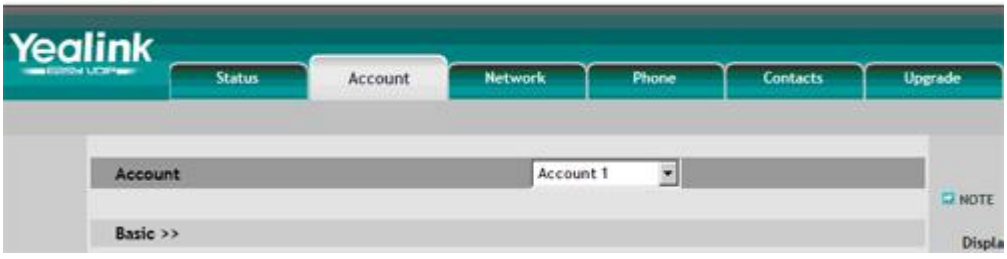

Figure 1-1

4. Click on the "Account" tab
5. We now need to set the phone to register with MyPBX. Ensure that the "Account" field is set to "Account 1", and in the "Basic" section, configure as follows:

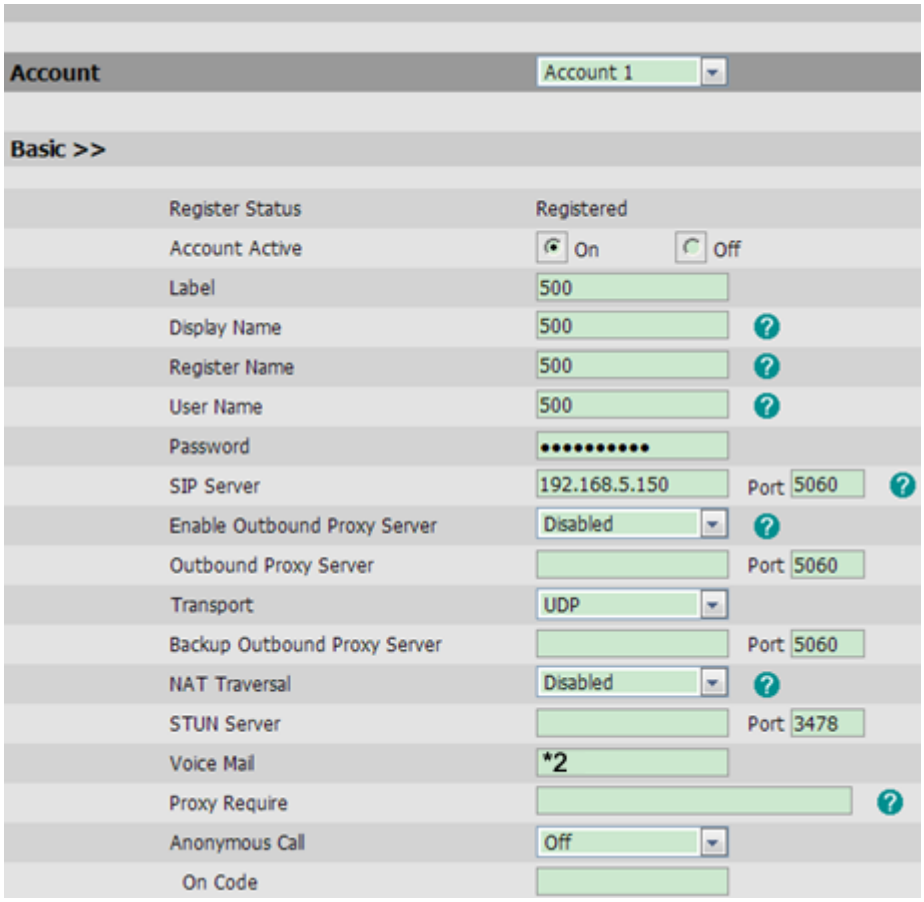

Figure 1-2

1) Set the "Account Active" field to "On"
2) Set the "Label" field to the name you want to appear on the Phone display
3) Set the "Display Name" field to the name you want to appear on another phone's display when calling other phones
4) Set the "Register Name" field to the extension number you want to associate with this phone
5) Set the "User Name" field to the extension's Authentication ID
6) Set the "Password" field to the extension's Authentication Password
7) Set the "SIP Server" field to the IP Address of MyPBX – in this example, 192.168.5.150.
8) Set the SIP Server "Port" field to the SIP Port of MyPBX (default "5060")
9) Ensure the "NAT Traversal" field is set to "Disabled"

6. Next, we need to configure the audio codecs. Scroll down to the end of the "Basic" section, and expand the "Codecs" section. Ensure that the "Enable codecs" list box contains first "PCMU", then "PCMA", and finally "G729"

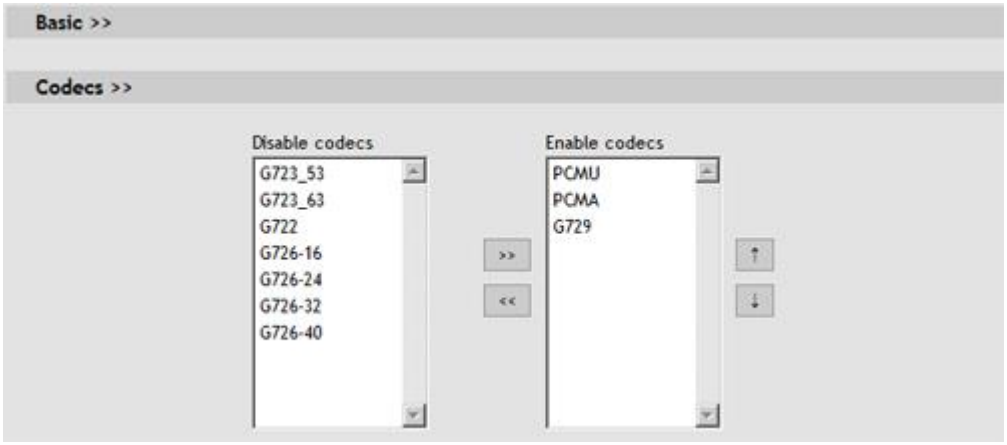

Figure 1-3

7. We also need to configure the phone to subscribe for MWI and BLF notifications. Scroll down to the end of the "Codecs" section, and expand the "Advanced" section:
   1) Set the "Subscribe Register" field to "Enabled"
   2) Set the "Subscribe for MWI" field to "Enabled"

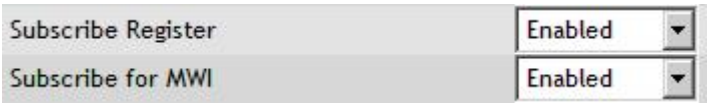

Figure 1-4

8. Click the "Confirm" button at the bottom of the page. The phone will now register with MyPBX. This can be verified via the "Status" page of MyPBX Management Console.

Configuring BLF on Yealink

Configuring BLF on the Yealink T26 and T28 Memory Keys (Optional)

Note:

1. The Yealink T22 and the Yealink T20 do not have Memory Keys and therefore do not have BLF functionality.

2. Only PSTN and GSM trunk are allowed to be monitored currently in MyPBX

3. Please choose the right line number, make sure you have chosen the right one, which is register to MyPBX

4. When configure it to monitor the status of trunk, we can press it to get a dial tone before dialing out. Which is working for PSTN trunk only currently.

You can also manually configure the Yealink T26 and T28 Memory Keys to monitor the status of other extensions or trunks on the system.

1. Click on the "Phone" tab, and then select the "DSS Key" page.

2. For each button you would like to configure, configure an extension to be monitored by configuring the "DSS Key 1" row (for example) as follows:

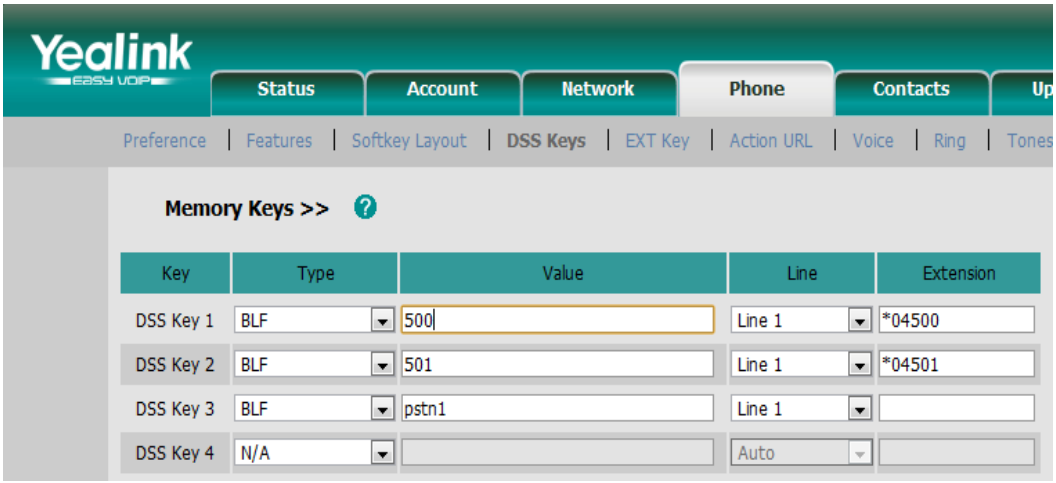

Figure2-1

1) Set the "Type" field to "BLF"
2) Set the "Line" field to "Line 1" (Assume that account 1 is registered to MyPBX)
3) Set the "Value" field to the extension number or trunk name to be monitored (for example 500 or pstn1)
4) Set the "Extension" field to the dial sequence for picking up calls to the

extension number to be monitored (in this example "*04500")
If you set to monitor the trunk, just keep this field blank.

3. Click the "Confirm" button at the bottom of the page. Your phone will now re-register with MyPBX with the monitoring settings enabled.

Provisioning for MyPBX

Provisioning a Yealink T12, T18, T18P, T20, T20P, T22, T22P, T26, T26P, T28, T28P, T32G, T38G, VP530, VP-2009 for MyPBX
This guide has been tested for Yealink T18, T18P, T20, T20P, T22, T22P, T26, T26P, T28, T28P, T32G, T38G with firmware version X.70.0.60.
The easiest way to set up a Yealink phone for use with MyPBX is to use the built-in plug and play provisioning functionality inside MyPBX. This will allow the phone to configure itself by retrieving a generated phone configuration file. Alternatively you can configure using DHCP and option. For more information, see this configuration guide.

1. Verify Firmware Installed on your Phone

Verify the firmware version currently installed on the phone as older firmware will not have the plug and play feature. You can power up the phone and press "Menu > Status > Firmware" to check. Go to Yealink Support Website to download the latest firmware for your phone.

2. Plug phone into the network

Plug your Yealink phone into your LAN. (The Phone must be on the same LAN as that of MyPBX IP PBX).

3. Approve phone and Assign an Extension

To do provisioning with Yealink IP phones, you can choose PnP mode or DHCP mode. When you phone provisioning via PnP mode, there is no need to set MyPBX working as the only DHCP server any more.

3.1 Phone provisioning via PnP mode

Step1. Check if PNP is enabled in IP phone side
Here is an example of Yealink T28
Click upgrade—advanced to check the details

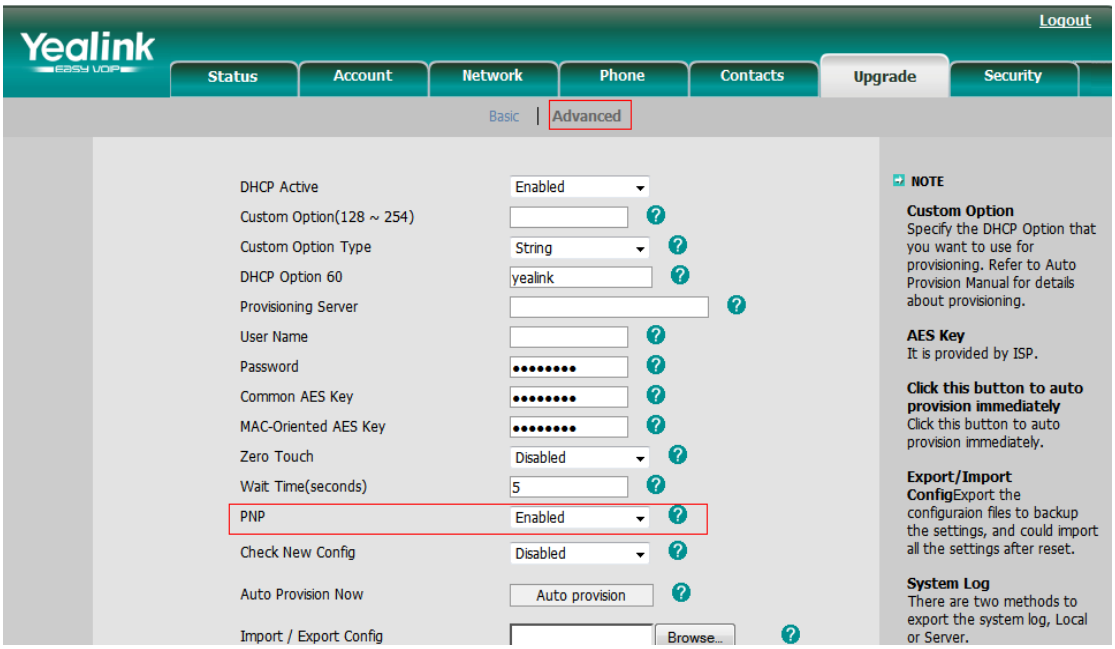

Figure 3-1

Step2. Check MAC address of your yealink IP Phone on status page.

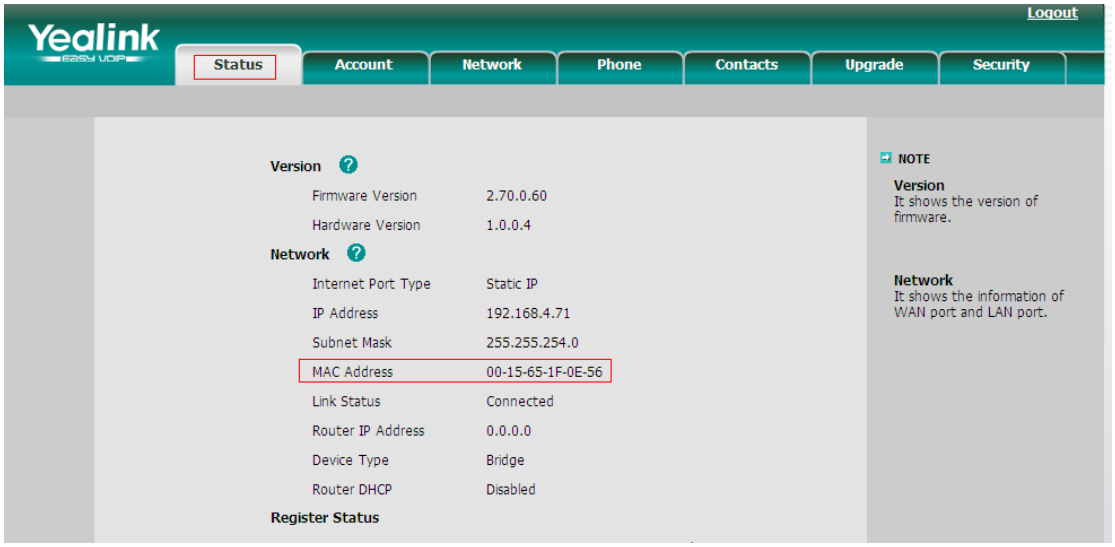

Figure 3-2

Step3. Reboot IP phone.

Step3. Search MAC address you would like configure on the "phone provisioning"→"Not Configured Phone" page

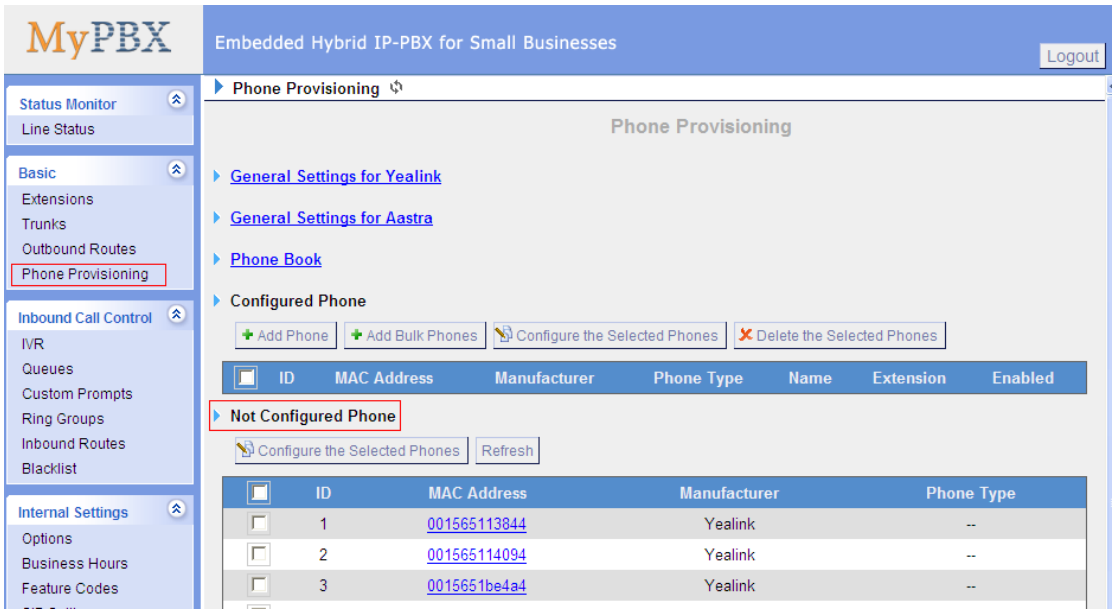

Figure 3-3

In this case, the MAC address of yealink IP phone is 0015651f0e56

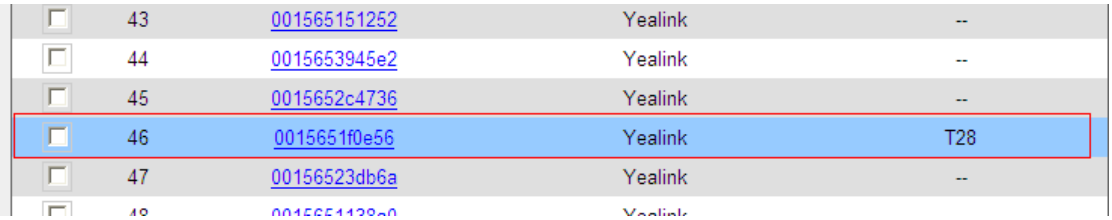

Figure 3-4

Fill in the phone detail message on the pop-up windows.

Input Name, Call waiting, Line, Extension, Label, Line active and so on for the phone.

Note: If the version of Yealink IP phone is higher than X.70.0.XX, please choose 'Yes' for 'New config' field. If you use the old version, there's need to enable this option.

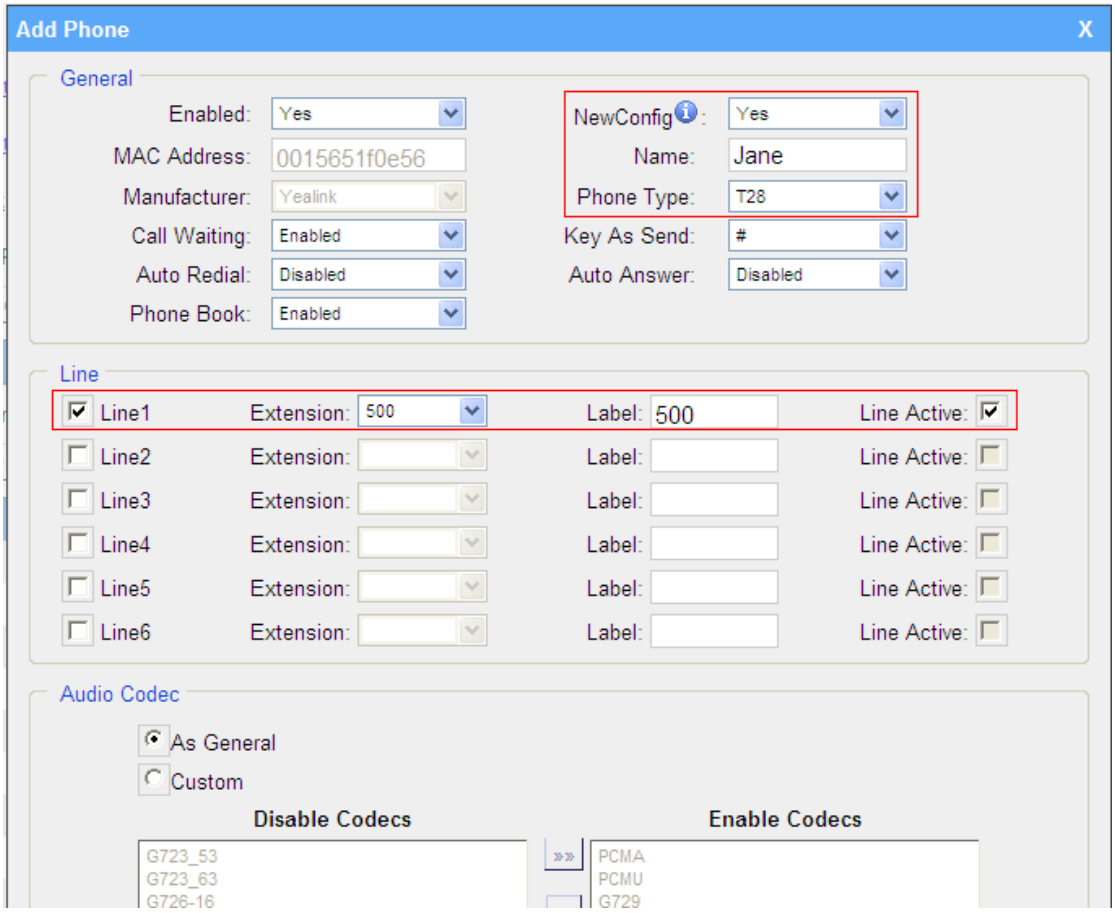

Figure 3-5

Step4. Save the settings and reboot the IP phone. After you save the changes, system will prompt you to save the changes and reboot to save changes without rebooting. Click OK to reboot the IP phone and provisioning the phone.

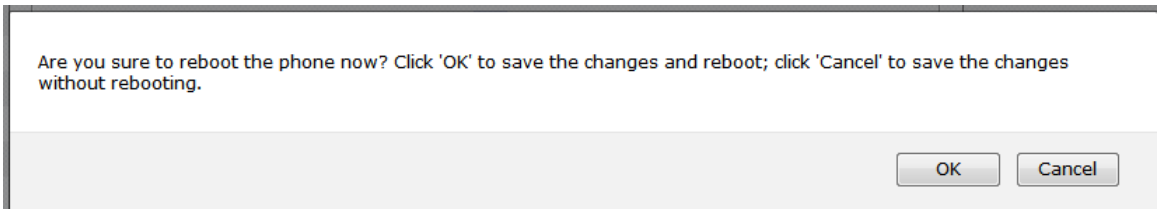

Figure 3-6

Then IP phone will reboot twice to apply the configurations take effect, when done, you can find the account 500 is registered in MyPBX's line status page and Yealink IP phone's status page.

3.2 Phone provisioning via DHCP mode

Step1. Disable DHCP Server on your local network.
E.g. Disable DHCP Server on Linksys Router.

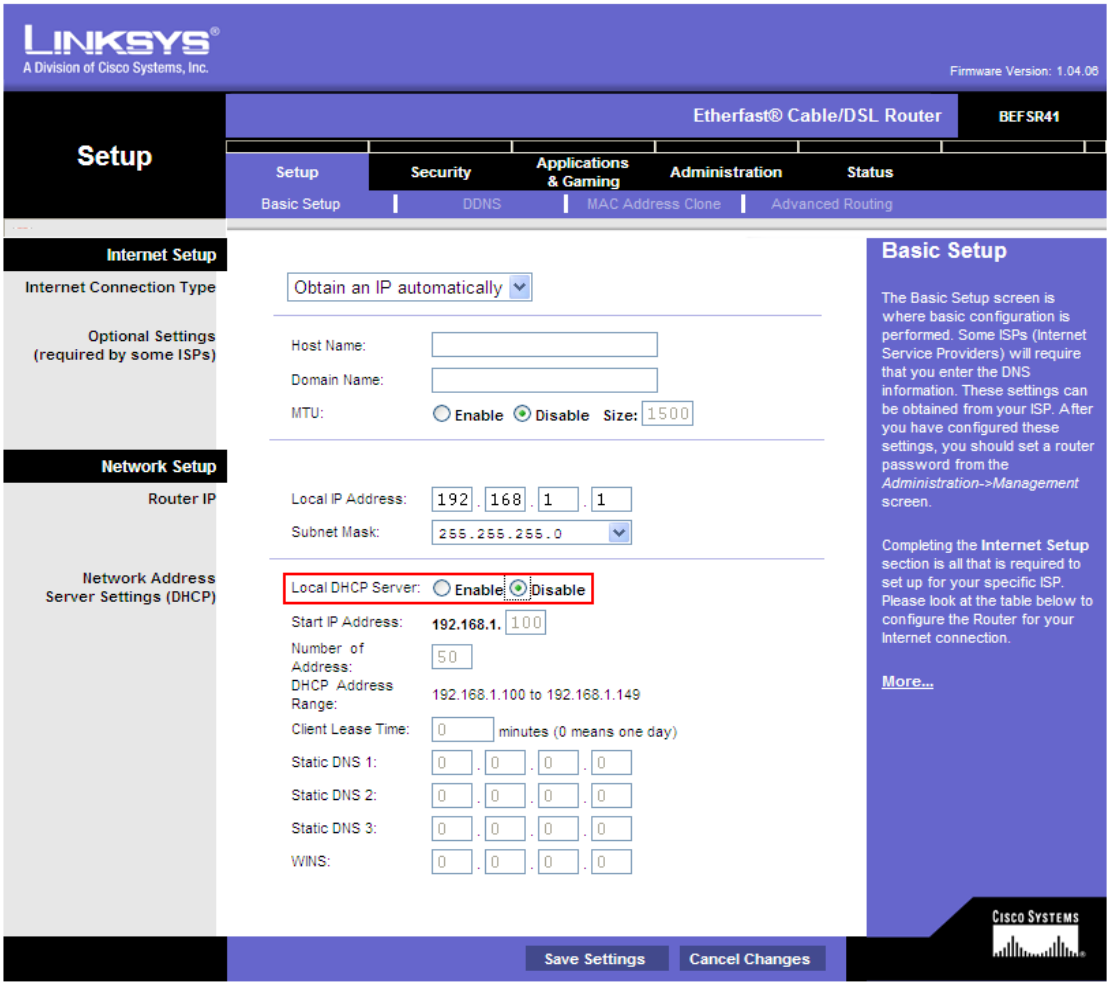

Figure 3-7

Step2. Enable DHCP Server on MyPBX.

Login MyPBX web interface, System Settings → DHCP Server → Enable DHCP Server.

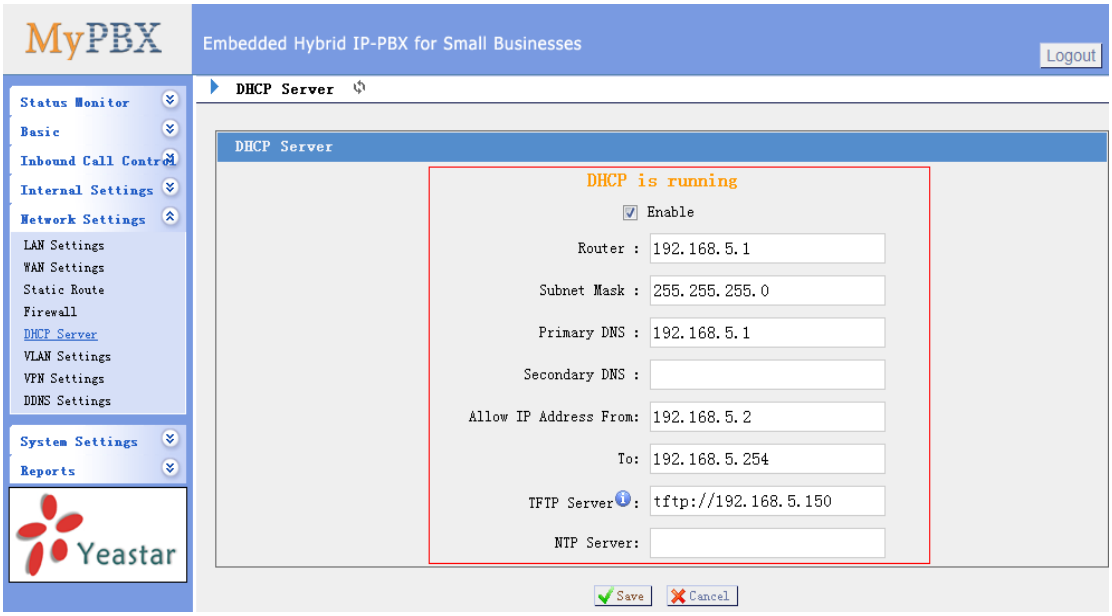

Figure 3-8

Step3. Configure phones on MyPBX Auto-Provision page.

1. Login MyPBX web interface, Basic → Auto Provision → Create New Phone.

Figure 3-9

2. Fill in the phone detail message on the pop-up windows.
Input IP Phone's MAC address, configure Name, Call waiting, Line, Extension, Label, Line active and so on for the phone.
Note: If the version of Yealink IP phone is higher than X.70.0.XX, please choose 'Yes' for 'New config' field. If you use the old version, there's need to enable this option.
Save it and apply the changes on web

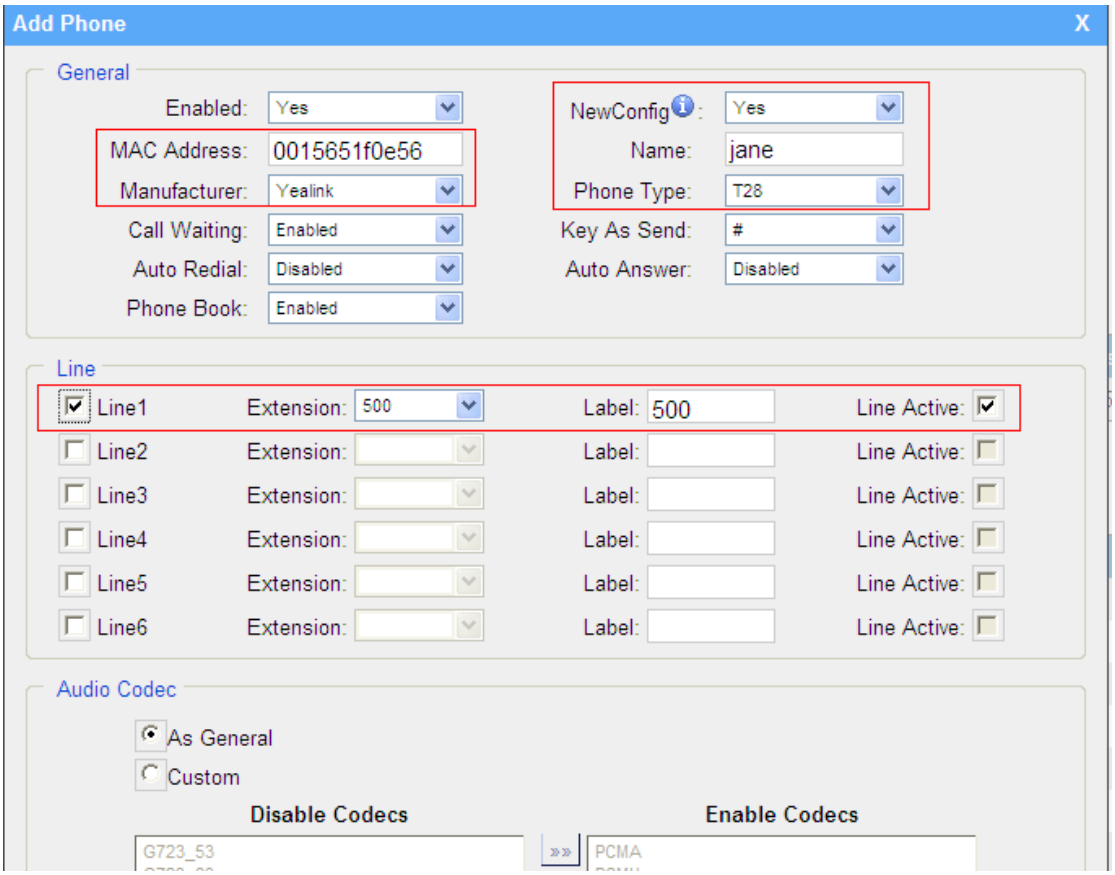

Figure 3-10

Step4. Save the settings and reboot the IP phone. After you save the changes, system will prompt you to save the changes and reboot to save changes without rebooting. Click OK to reboot the IP phone and provisioning the phone.

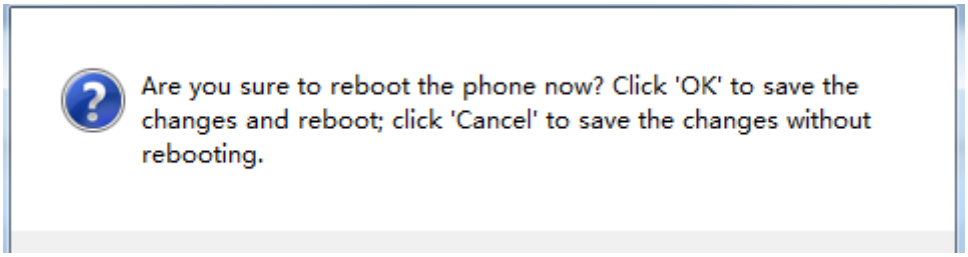

Figure 3-11

Remark: The factory default setting of DHCP for IP Phone is "enable", so you can skip this step to step 5.
If the DHCP is disabled, please follow below step to enable it. (e.g.: Yealink's IP Phone).
1. Login IP phone's web page.
2. Enable DHCP.

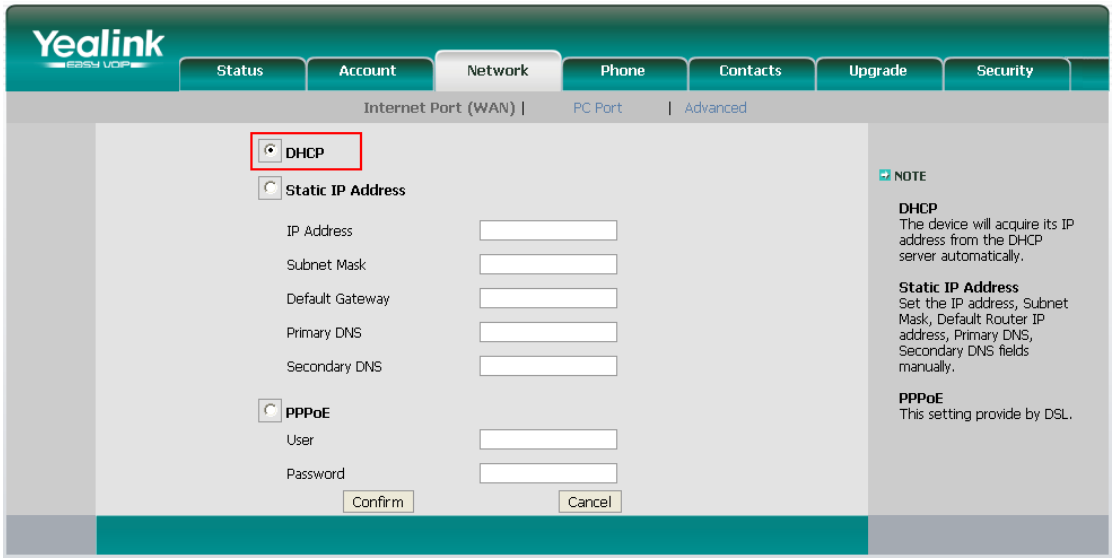

Figure 3-12

Then IP phone will reboot twice to apply the configurations take effect, when done, you can find the account 500 is registered in MyPBX's line status page and Yealink IP phone's status page.

Step5. Done

<Finish>