Yealink IP Phone Configuration Guides

Version 2.0

Date: September 28, 2015

Yeastar Information Technology Co. Ltd.

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1. Introduction

This guide shows you how to manually configure Yealink IP phones with MyPBX and how to provision the Yealink IP phones with MyPBX. It has been tested with the latest firmware version supported by MyPBX firmware version X.19.0.47.

Applicable Models:

- T12, T18,T19, T19E2
- T20, T21, T21E2, T22, T23, T23P, T26, T27, T27P, T28, T29, T29G
- T32, T38
- T41, T42, T46, T46G, T48G
- W52P
- VP530
- VP-2009

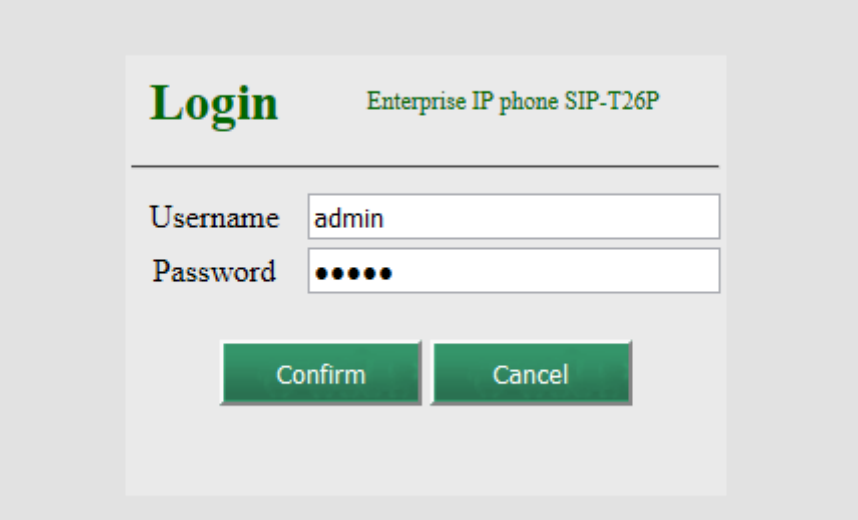
Please note that different firmware revisions may have different web interface formats and functionality.

2. Register with MyPBX Manually

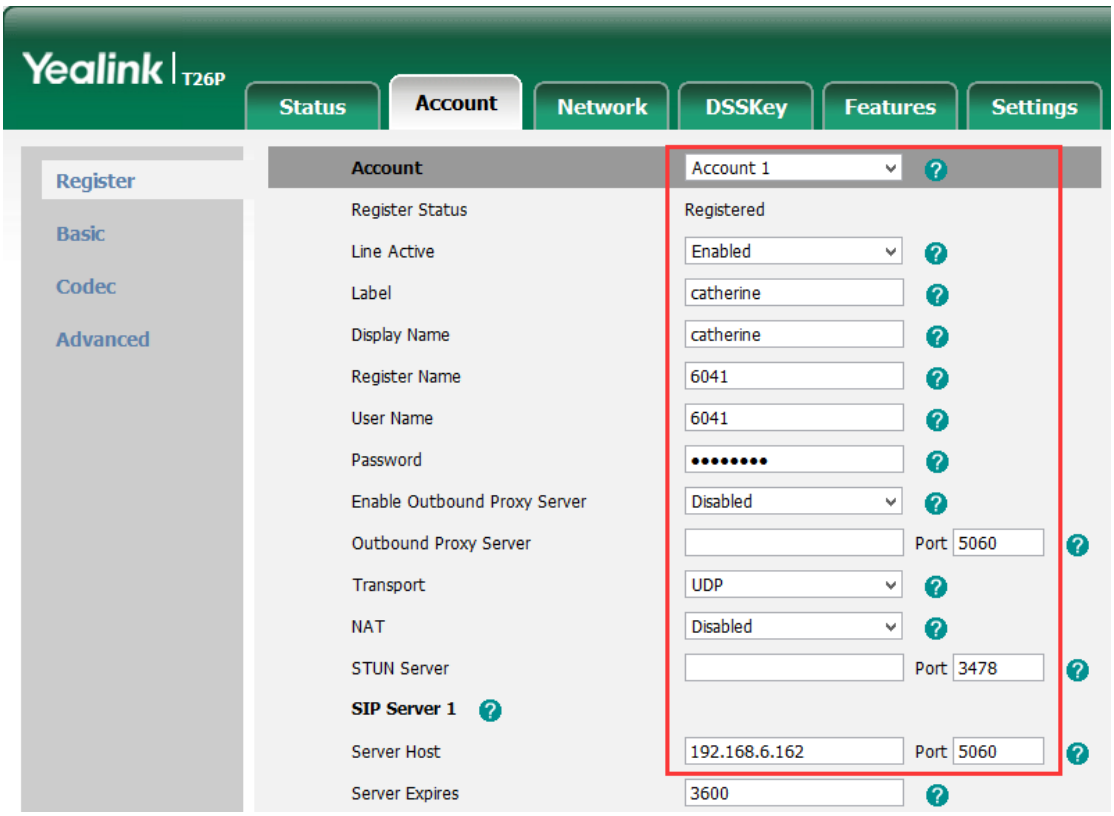
1. Start up the phone and identify its IP Address – press the menu key on the phone, and select the "Settings" option. For this example we will assume the IP Address of the phone is 192.168.6.13, and IP Address of MyPBX is 192.168.6.162.

2. Point your browser to the web interface of the phone: http://192.168.6.13.

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



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:



1) Set the "Line Active" field to "Enabled"
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, 192.168.6.162.
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"

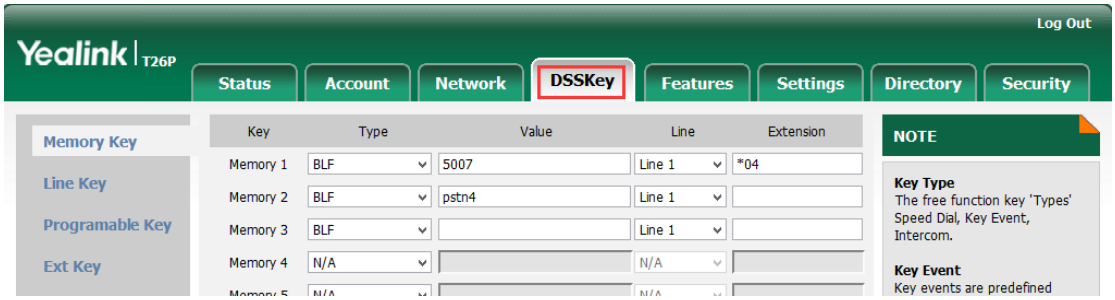
6. Click the "Confirm" button at the bottom of the page. The phone will now register with MyPBX. The Register Status “Registered” indicates that the extension is successfully registered to MyPBX.

3. Configuring BLF on Yealink

Notes:

- Not all Yealink phones support BLF feature.
- MyPBX supports to monitor PSTN, GSM and SIP trunk.
- You can seize a PSTN or GSM trunk by pressing BLF key and dial out.
- Please choose the correct “Account” which is registered to MyPBX, or it will not work.

Click on the "DSS Key" tab to configure BLF.



- **Type**: choose “BLF”.
- **Value**: enter the monitored extension number or trunk name of MyPBX.
- **Line**: choose the line which is registered to MyPBX.
- **Extension**: enter the pickup code of MyPBX (default is *04), when the monitored extension is ringing, you can press the BLF key to pick up the call.

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

4. Provisioning for MyPBX

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

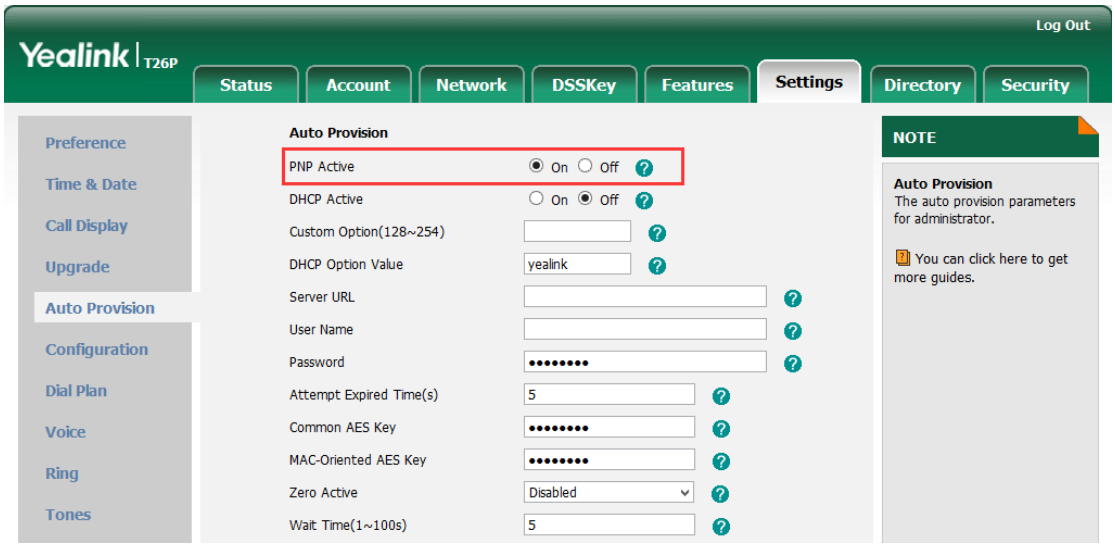
Plug your Yealink phone into your LAN. (The Phone must be on the same LAN as that of MyPBX IP PBX).

3) Approve phone and Assign an Extension

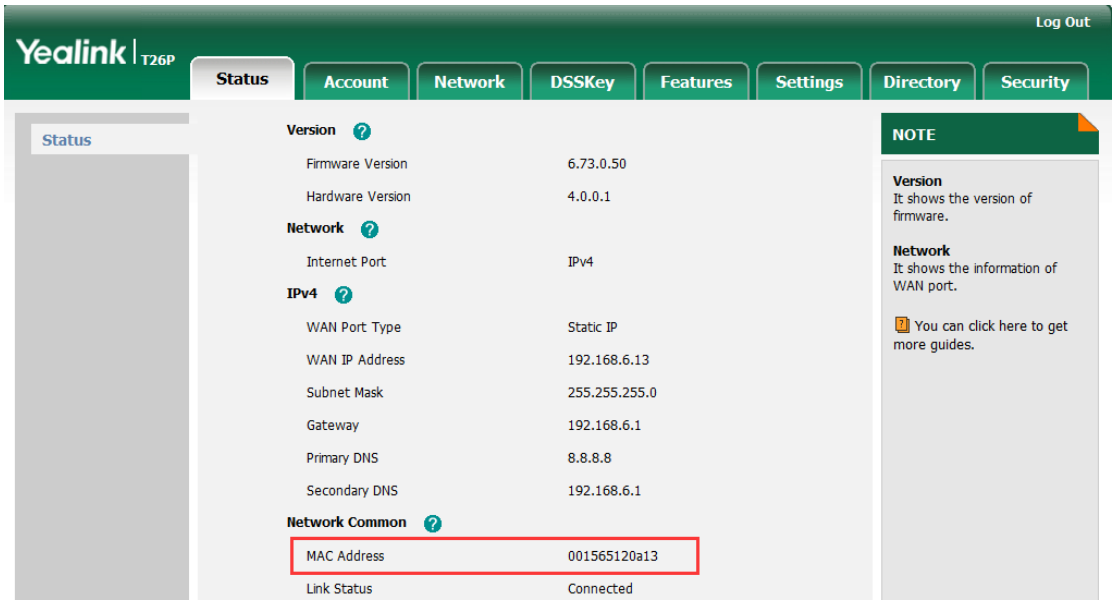
To do provisioning with Yealink IP phones, you can choose PnP mode or DHCP mode. When you phone provisioning via PnP mode, there is no need to set MyPBX working as the only DHCP server any more.

4.1 Phone Provisioning via PnP Mode

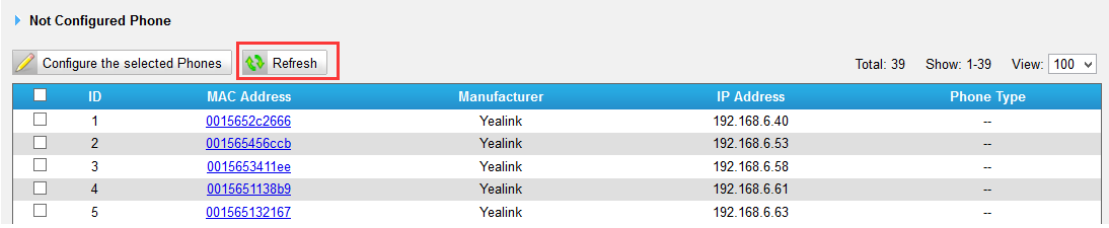
Step1. Log in Htek phone web user interface, go to "***Settings->Auto Provsion***" to enable PnP feature on your Yealink phone.



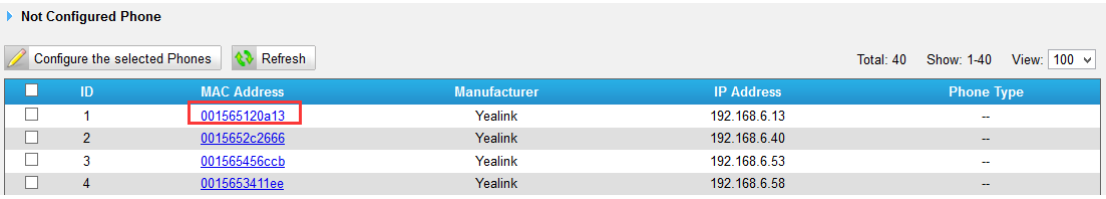
Step2. Check MAC address of your Yealink IP Phone on ***Status*** page.



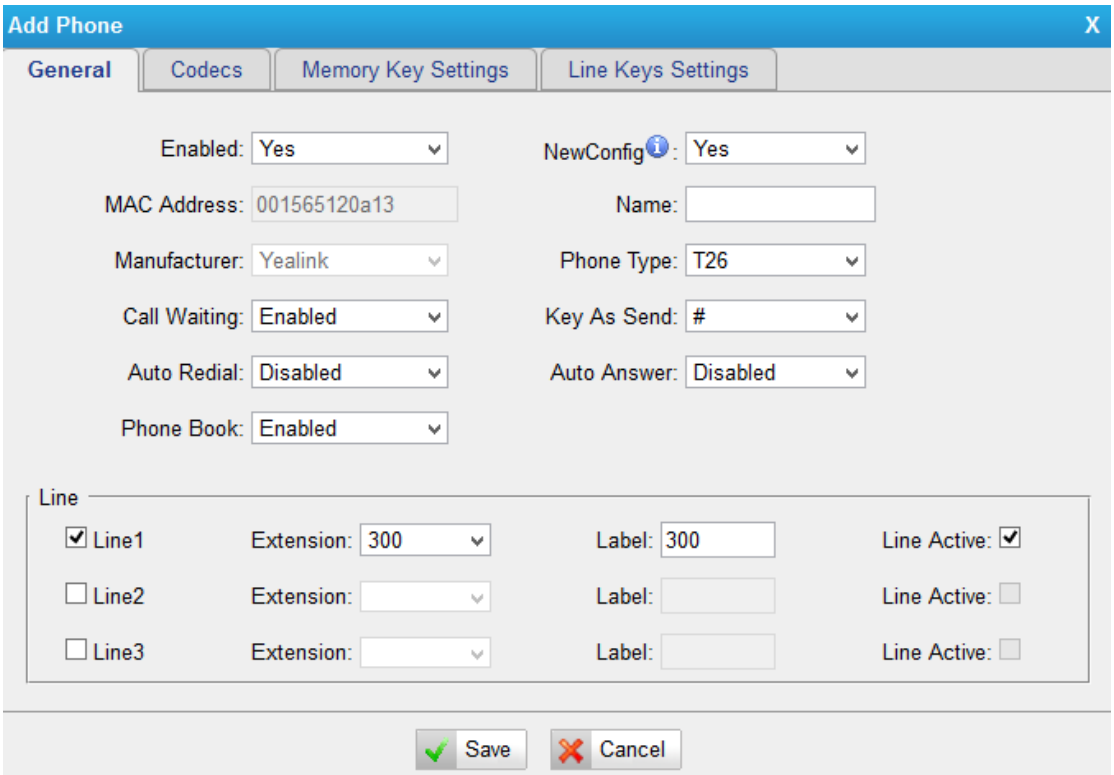
Step3. Log in MyPBX web user interface, go to "***PBX->Extensions->Phone Provisioning***". Click Refresh for "Not Configured Phone", and find out your Htek phone by the MAC addres.



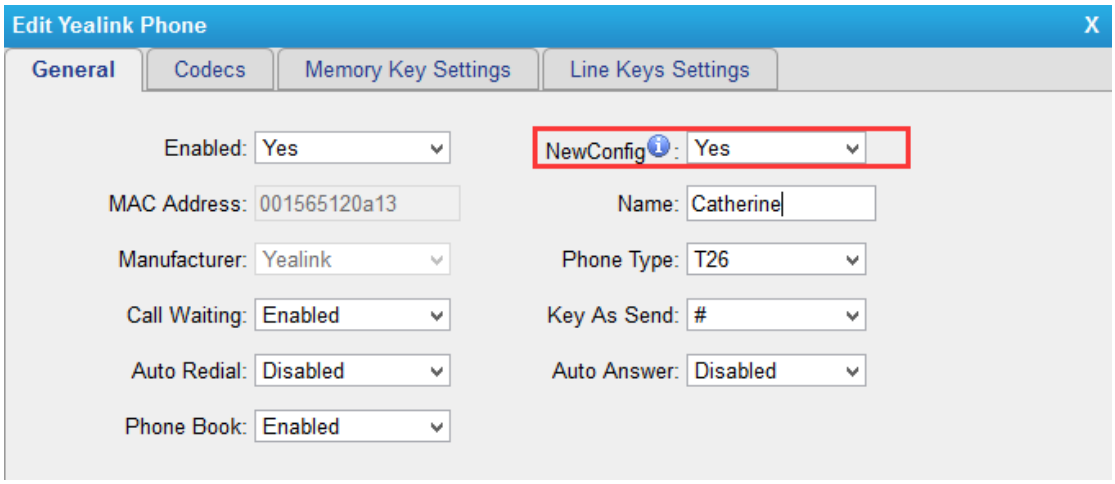
Step4. Click on the selected mac address to configure the phone.



Step5. Assign extensions to the phone, and you can also configure the Memory keys and Line keys.



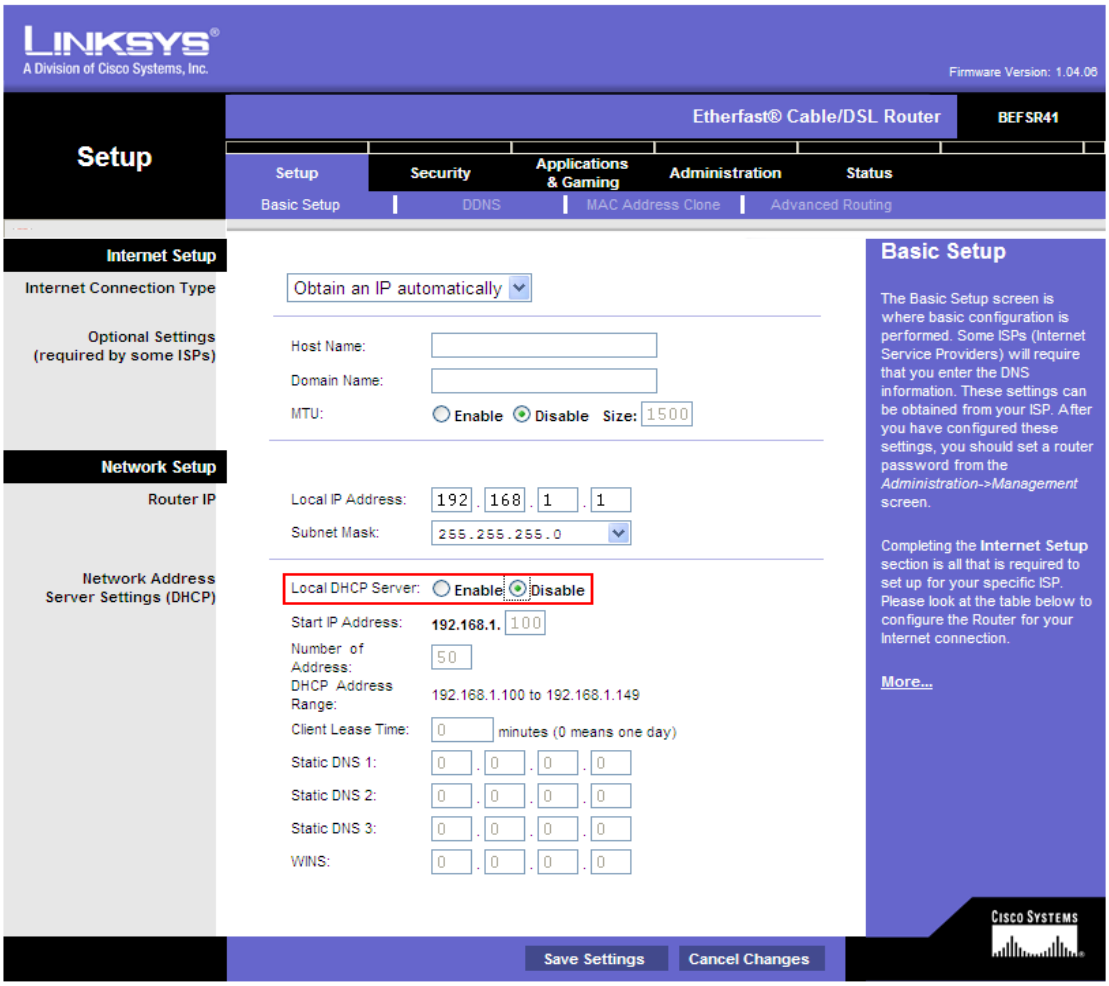
Note: if the version of Yealink IP phone is higher than X.70.0.XX, please choose 'Yes' for 'New config' field. If you use the old version, there's need to enable this option.



Step6. Click “Save”, the phone will reboot automatically to apply the configuration.

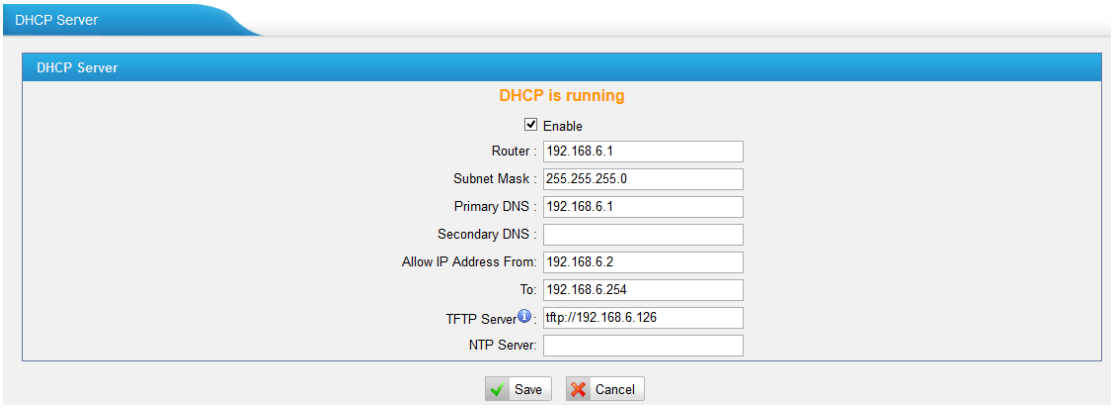
4.2 Phone Provisioning via DHCP Mode

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

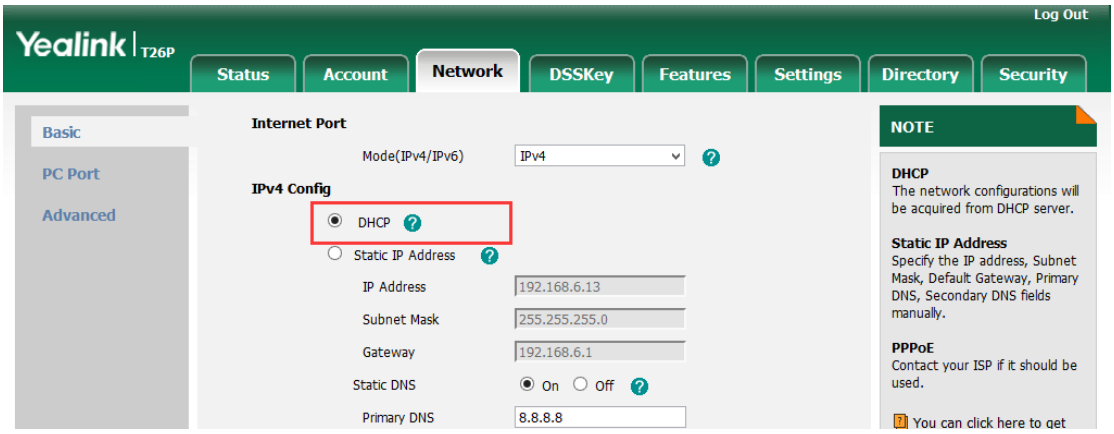


Step2. Enable DHCP Server on MyPBX to make MyPBX as the DHCP server in the local network.

Log in MyPBX web interface, go to "***System ->Network Preferences->DHCP Server***", enable DHCP server.

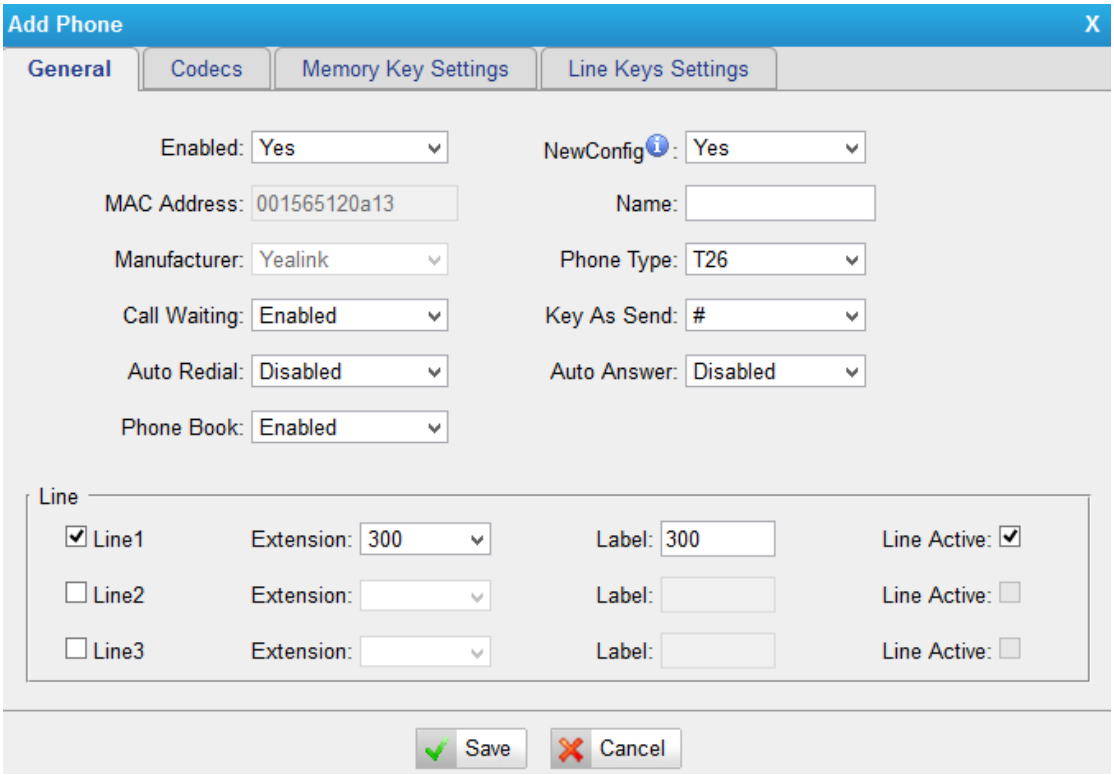


Step3. Set your Yealink phone as one DHCP client. Go to "***Network->Basic***" to enable DHCP.

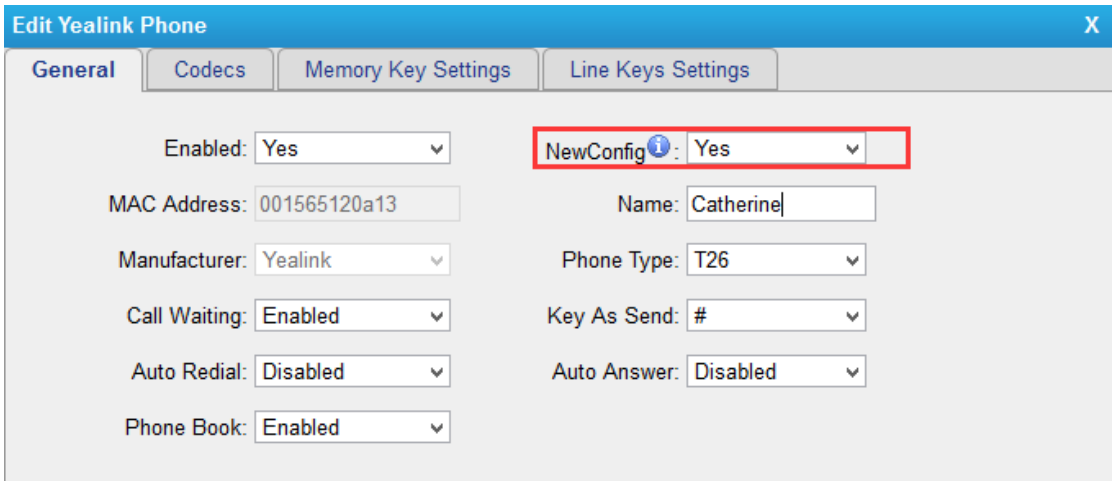


Step4. Go to MyPBX "***PBX->Extensions->Phone Provisioning***", select your Htek phone from "Not configured Phone".

Step5. Assign extensions to the phone, and you can also configure the Memory keys and Line keys.



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.



Step6. Click "Save", the phone will reboot automatically to apply the configuration.

[END]