



Escene IP Phone Configuration Guide

Version 1.0

Yeastar Information Technology Co. Ltd.

Configuring with MyPBX manually

Configuring Escene IP phone with MyPBX

Applicable Models: Escene ES620, ES410, ES330, ES320, ES290, ES220, ES205, DS622, DS412, DS102, WS620, WS320, WS220, WS103, WS102, HS118, HS108, US103, US102, GS620, GS410, GS330.

Please note:

This guide has been tested for Escene ES330 with firmware version V1.0.5.2-2092 and Escene ES620 with firmware version V2.2.7-3449. Be aware that different firmware revisions may have different web interface formats and functionality.

Register with MyPBX

NOTE: In this guide, the IP of the IP phone is 192.168.5.6; the IP of MyPBX is 192.168.5.151.

1. Start the browser on PC. In the address bar, enter the IP address of the phone: `http://192.168.5.6`.
2. Enter the phone's login username (default "root") and password (default "root").



Figure 1

3. Click on the "Sip Account" tab, chose the account you want to register.

4. Chose Account1 to edit, click on "Account1".The setting page of SIP is shown in Figure2.

The screenshot shows the SIP configuration page for Account1. The settings are as follows:

- Enable:
- Account Mode: VOIP
- Display Name: 520
- Username: 520 *
- Authenticate Name: 520
- Password: •••••••• *
- Label: 520
- SIP Server: 192.168.5.151
- Secondary server:
- OutboundProxy Server:
- Secondary OutboundProxy Server:
- Polling Interval Time Of Registration: 32 s Default Value : 32s , Range : 20s~~60s
- NAT Traversal: Disable
- STUN Server:
- BLA: off on
- BLA Number:
- Register Method: SIP TEL
- Subscribe Period: 1800 Default: 1800s, Min: 120s
- Register Expire Time: 40 Default: 3600s, Min: 40s
- DNS-SRV: off on
- SIP Transport: UDP TCP TLS

Figure 2

- 1) Enable: check the box to activate the account.
- 2) Account Mode: VOIP
- 3) Display Name: set a display name of the extension according as you prefer
- 4) User Name: same as the extension's number in general, such as 520
- 5) Authenticate Name: same as the extension's number in general, such as 520
- 6) Password: set the "Password" field to the extension's Authentication password
- 7) Label: set the "Label" field to the name you want to appear on the

Phone display

- 8) Sip Sever: set the "Sip Sever" field to the IP Address of the MyPBX server – in this example, 192.168.5.151
 - 9) NAT Traversal: the default setting is Disable, if you want to configure the phone as a remote extension ,you should chose STUN, then enter a correct address in the field of " STUN Sever"
 - 10) BLA: off
 - 11) Register Method: chose the method corresponding to the Account Mode
 - 12) DNS-SRV: off
 - 13) Sip Transport: UDP
5. Call Section

Call

Amount Of Line Account Used: (Default: 2)

Do Not Disturb: off on

Anonymous Call: off on

Use Session Timer: off on

Session Timer: (min:300s)

Allow-events: off on

Registered NAT: off on

Figure 3

- 1) Do Not Disturb: off
 - 2) Anonymous Call: off
 - 3) Use Session Timer: off
 - 4) Allow-event: off
 - 5) Registered NAT: on
6. Security Section:

Security

SIP Encryption: off on

RTP Encryption: off on

Encryption Algorithm:

Encryption Key:

RTP Port Range: --

Figure 4

- 1) SIP Encryption: off
 - 2) RTP Encryption: this is an SRTP option, you must chose "off",if you want to chose "on", please enable SRTP in MyPBX first
7. Click the button "Submit" and the phone will register with your MyPBX. This can be verified via "Status" page of MyPBX management console.

Phone provisioning with MyPBX

The supported model of Escene IP phone is ES220,ES320,ES330,ES410,ES620. The firmware we tested in this example is V2.6.4, if your firmware is different from this one, the web interface may got a little difference.

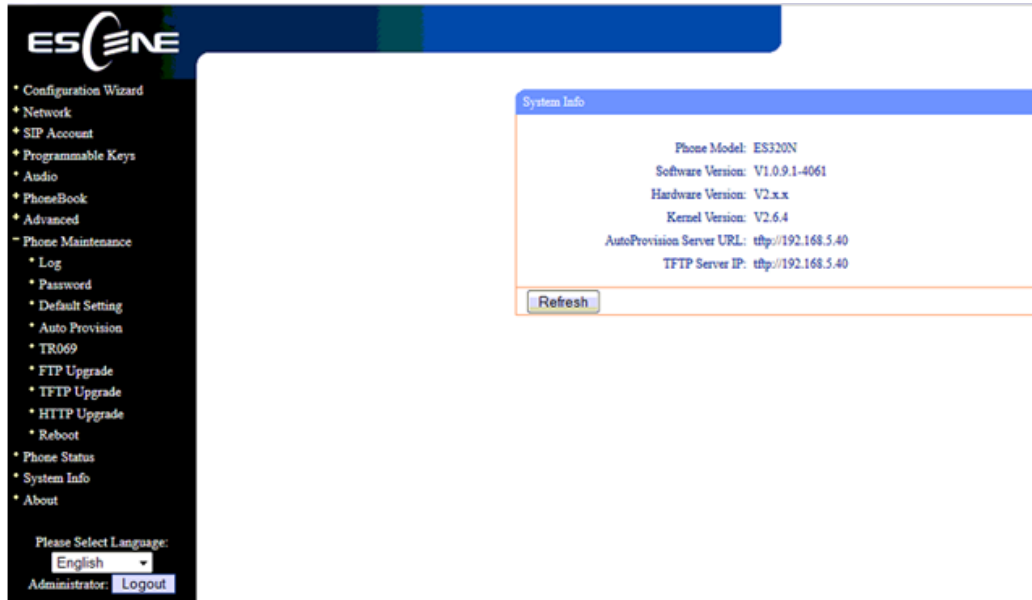


Figure 5

Step1. Disable DHCP Server on your local network.

E.g. Disable DHCP Server on Linksys Router.

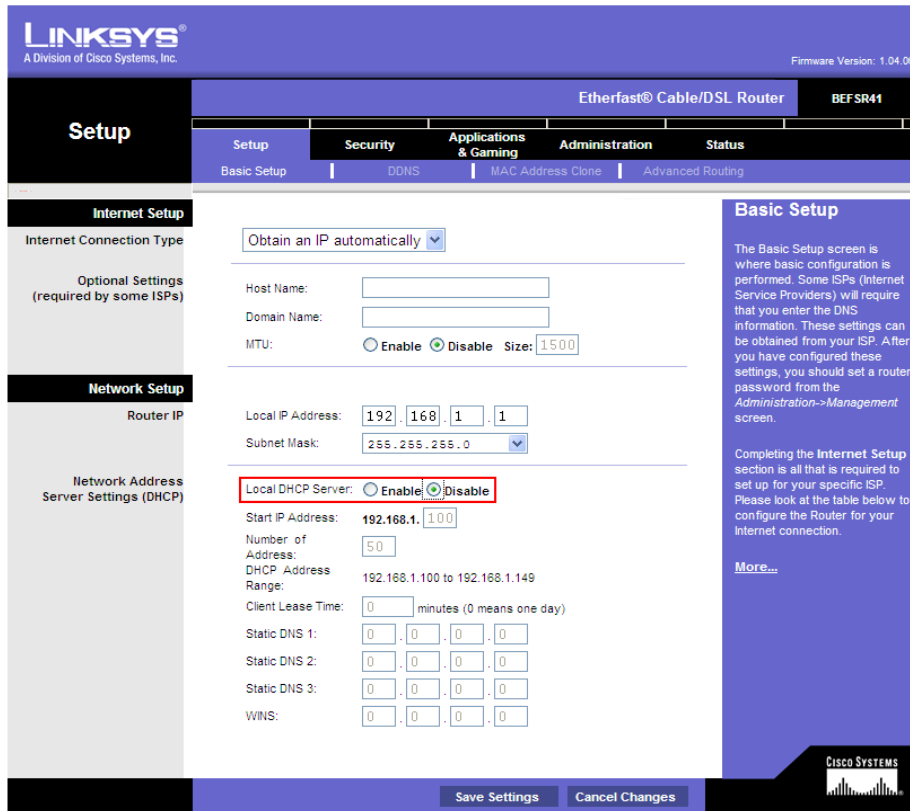


Figure 6

Step2. Enable DHCP Server on MyPBX.

You can find it in 'system→Network Preferences→DHCP server'.

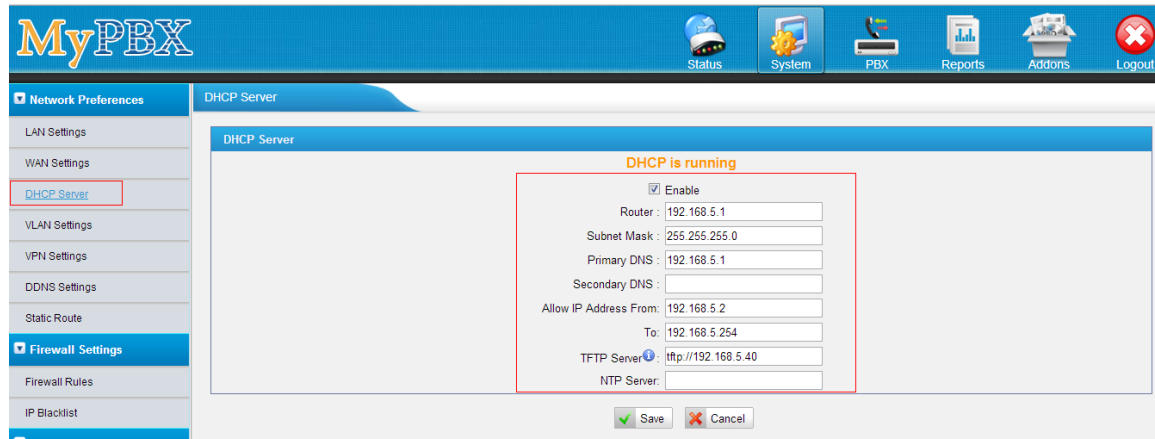


Figure 7

Step3. Create a phone in 'phone provisioning' page, you can check the list of supported phones in this page directly.

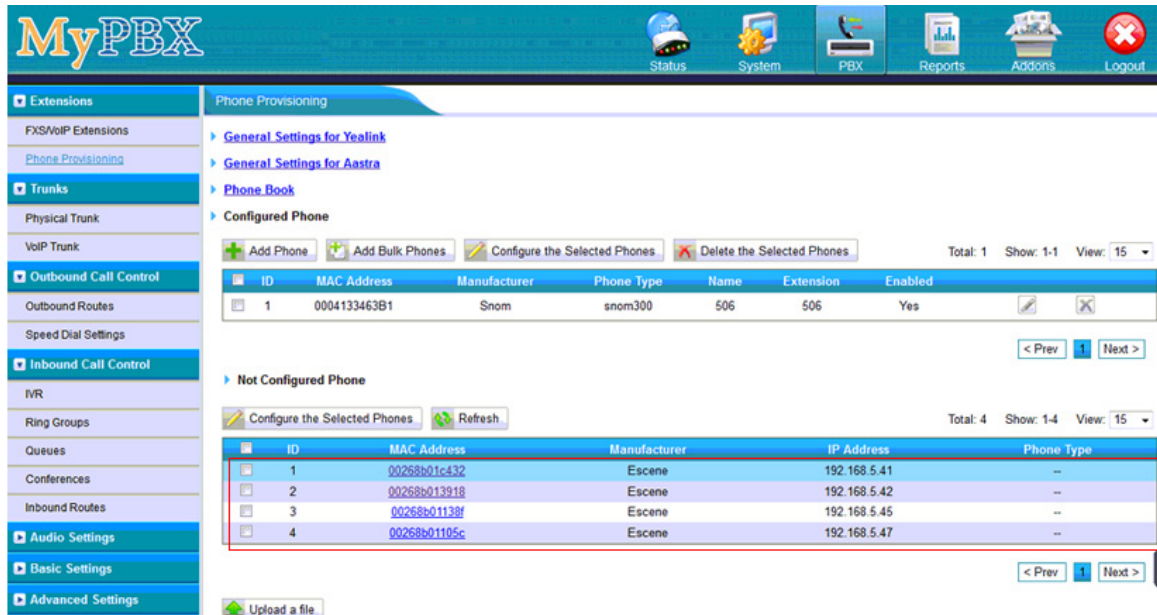


Figure 8

Click one Escene IP phone, input the name, choose the phone type and the account, then activate it.

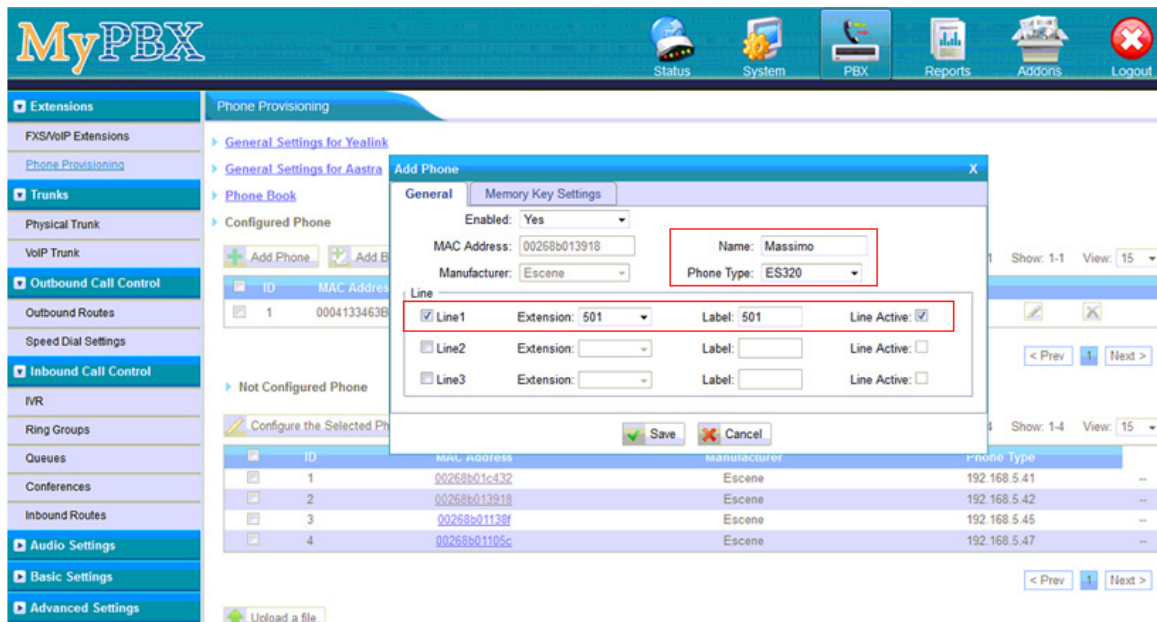


Figure 9

When you click 'save' button, there will be a window popup, you can click OK to reboot the IP phone directly to take effect, if you click 'No', you can reboot the IP phone manually to take effect.

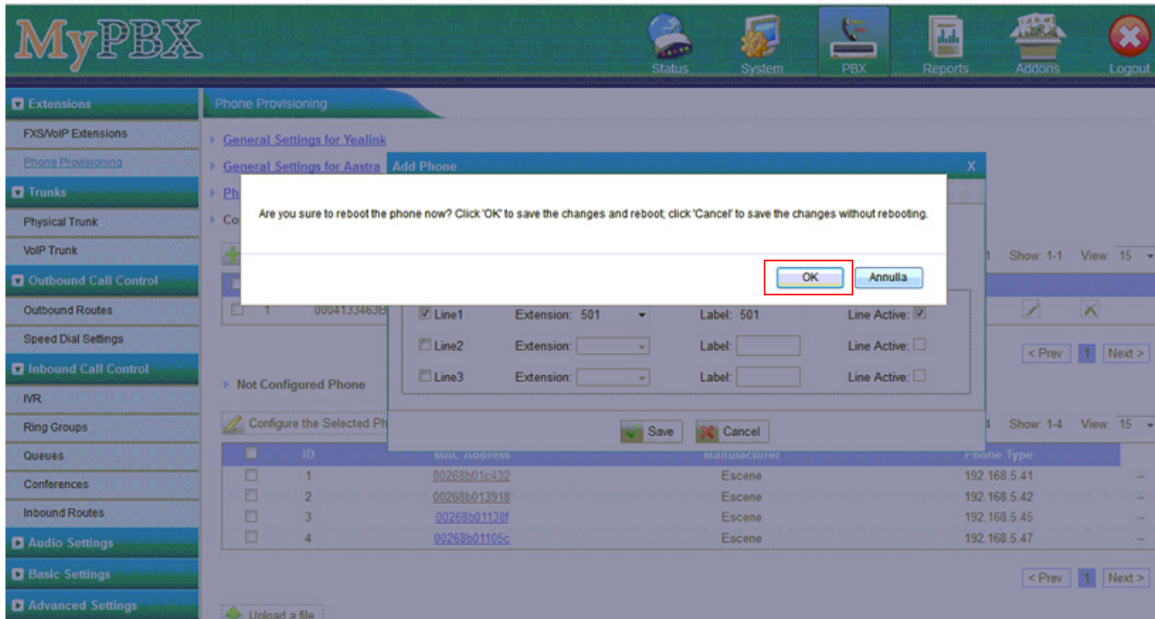


Figure 10

Click 'Apply the changes' to take effect in MyPBX. You can see the recorded here directly.

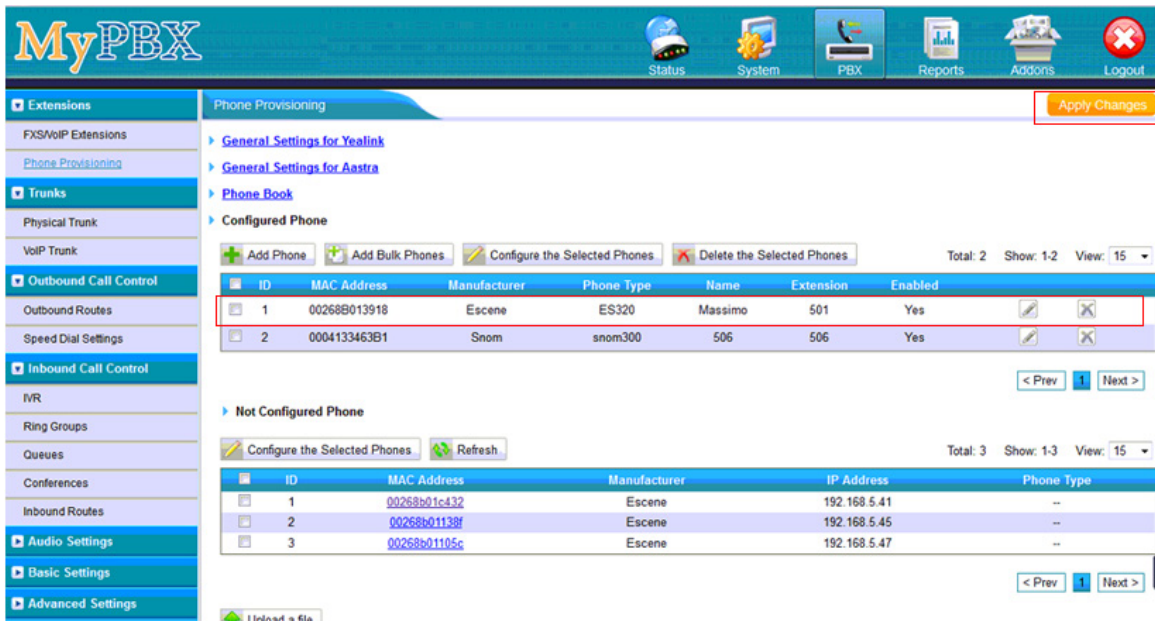


Figure 11

You can also configure the IP phone to download the configuration from MyPBX directly if you are sure the configuration files has been uploaded or created in MyPBX side. In this example, the IP address of MyPBX is 192.168.5.40

The screenshot displays the Escene IP Phone configuration web interface. On the left is a navigation menu with the following items: Configuration Wizard, Network, SIP Account, Programmable Keys, Audio, PhoneBook, Advanced, Phone Maintenance (with sub-items Log, Password, Default Setting, Auto Provision, TR069, FTP Upgrade, TFTP Upgrade, HTTP Upgrade, Reboot), Phone Status, System Info, and About. Below the menu is a language selection dropdown set to 'English' and a 'Logout' button for the administrator.

The main configuration area is titled 'Auto Provision' and contains the following settings:

- Auto Provision: on off
- Option: 66 (Default: 66, Min: 1, Max: 254)
- Protocol: TFTP
- Software Server URL: http://192.168.5.40
- Username: admin
- Password: [masked]
- Auto Download Software:
- Auto Download Kernel:
- Auto Download Config File:
- Broadsoft Compatibility:
- Auto Download Expansion:
- Auto Download Enterprise Phonebook:
- Auto Download Personal Phonebook:
- Booting Checked:
- Disable the phone while booting checking: off on
- Auto Provision Frequency: 168 Hour (Default: 7 days, Max: 30 days)
- Auto Provision Time: None
- Auto Provision Next Time: Wed Dec 18 14:43:05 2013 [Reset Timing]
- AES Enable: off on
- AES Key: [empty field]

Buttons at the bottom of the form include 'Auto Provision Now' and 'Submit'.

Figure 12

<Finish>