



Configure Yealink IP Phones for Asterisk Phone System



Facility Manual





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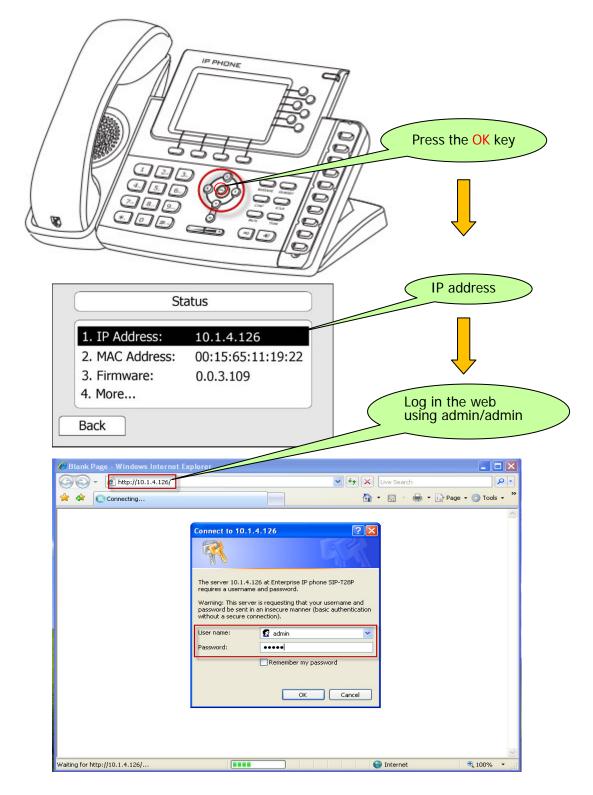


Configure Yealink IP Phones for Asterisk

This document is going to show you how to configure a Yealink phone to work with Asterisk.

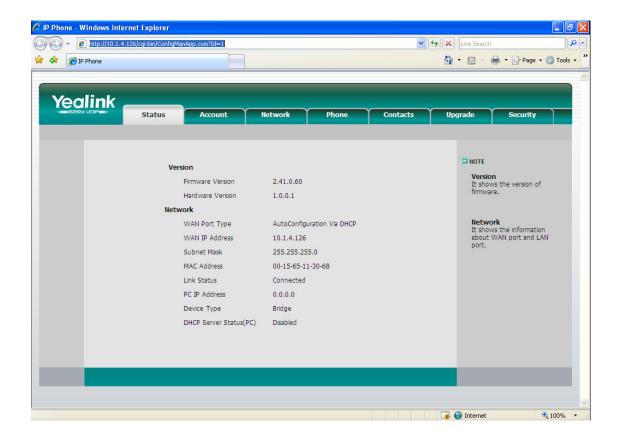
Note 1: The model we are using in this document is Yealink SIP-T28, and all the screen shots are based on its firmware version 2.41.0.60. There might be some difference between different models or firmware versions.

1. Log in the web management

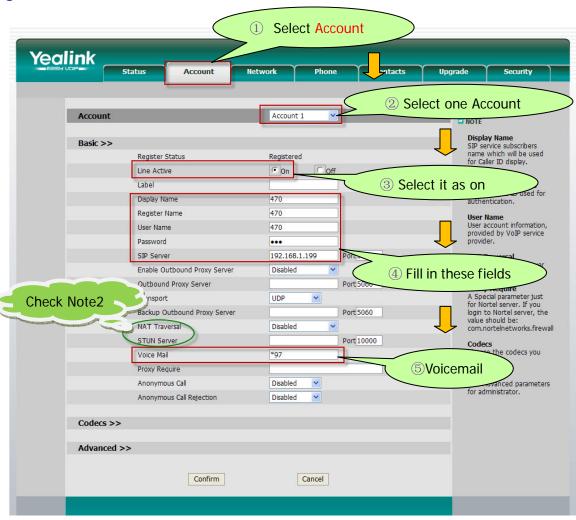








2. Configure the account







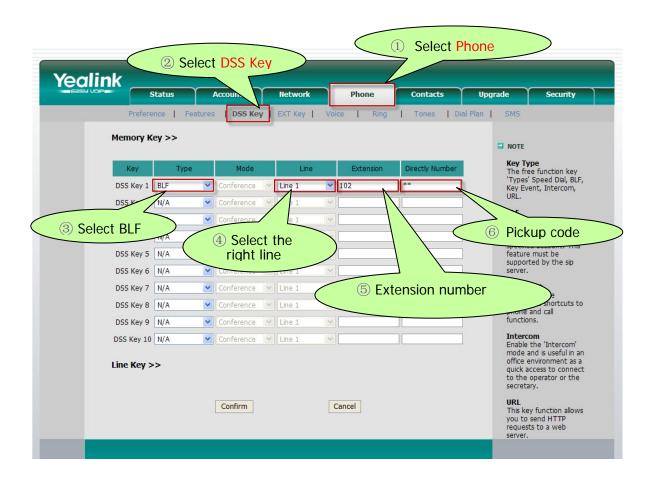
Yealink – Asterisk corresponding table for account settings:

Yealink	Asterisk
Register Name	User Extension
User Name	User Extension
Password	secret
Voice Mail	My Voicemail

After the above settings, Line 1 (Account1) must be available to make calls.

Note 2: If the SIP server is behind a NAT, you should enable "NAT Traversal" as "STUN" and then specify a STUN Server. For more details about STUN, please refer to http://www.voip-info.org/wiki/view/STUN. To know about NAT, you could refer to http://www.voip-info.org/wiki/view/NAT+and+VOIP

3. Configure the DSS Key as BLF

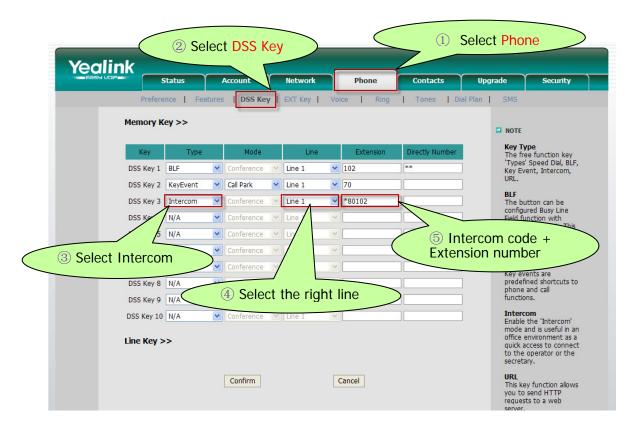


After the above settings, DSS Key1 is ready as BLF for Line 1 (Account1), monitoring extension 102.





4. Configure the DSS Key as Intercom



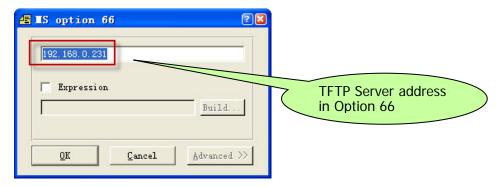
After the above settings, DSS Key3 will work as an Intercom key with extension 102.

5. How to auto provision

1) Use DHCP Option 66 to update firmware massively via HTTP

In this way, there's no need to configure at the phones.

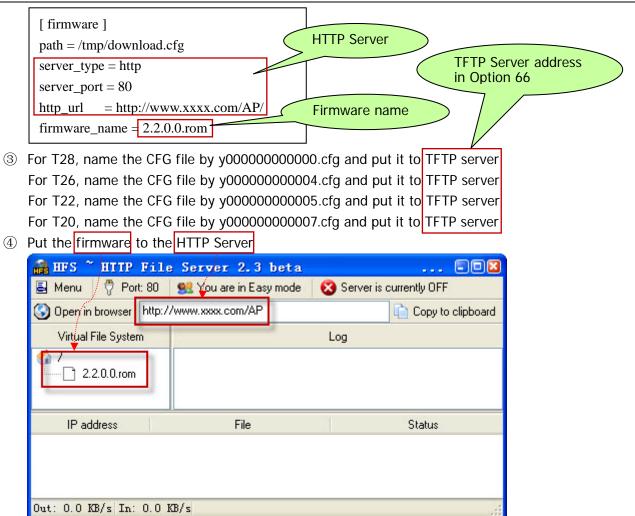
① Specify an address(TFTP) for Option 66 in your DHCP Server



2 Prepare a CFG file as below



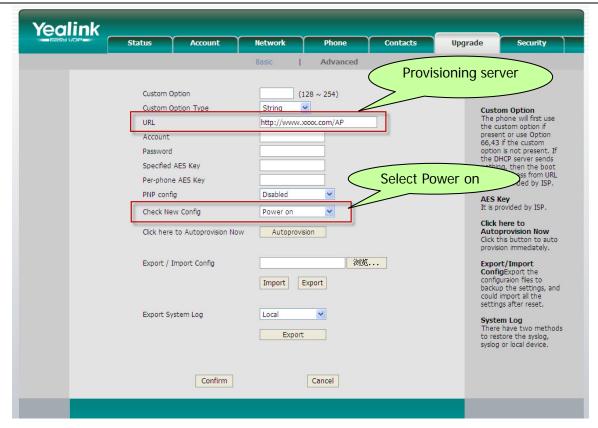




- ⑤ Power on the phones and they will download and update the firmware via HTTP
- 2) Configure the phone for update check when powering on







The provisioning server must contain the CFG files. After the above settings, every time when power on, the phone will download the CFG files from http://www.xxxx.com/AP automatically.





Appendix

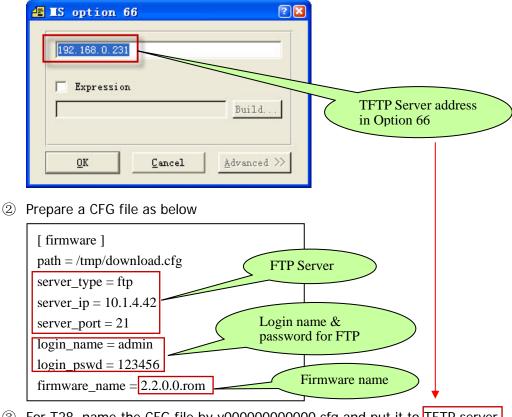
1. Default Basic Dial Code on Asterisk

Voice Mail (My Voicemail)	*97
Pickup a call	**
Intercom	*80

2. Use DHCP Option 66 to update firmware massively via FTP

In this way, there's no need to configure at the phones.

① Specify an address(TFTP) for Option 66 in your DHCP Server



- ③ For T28, name the CFG file by y00000000000.cfg and put it to TFTP server For T26, name the CFG file by y000000000005.cfg and put it to TFTP server For T22, name the CFG file by y00000000005.cfg and put it to TFTP server For T20, name the CFG file by y000000000007.cfg and put it to TFTP server
- 4) Put the firmware to the FTP Server
- S Power on the phones and they will download and update the firmware via FTP

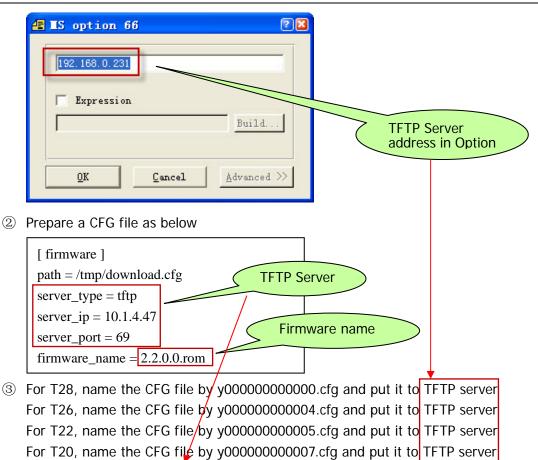
3. Use DHCP Option 66 to update firmware massively via TFTP

In this way, there's no need to configure at the phones.

① Specify an address(TFTP) for Option 66 in your DHCP Server







- 4 Put the firmware to the TFTP Server
- ⑤ Power on the phones and they will download and update the firmware via TFTP