



Release Notes for MyPBX Standard

Version 20.20.0.X

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Announcement

We are pleased to announce that the beta release of MyPBX Standard v20.20.0.X is now available! This version offers new and improved features based on your feedback and fixes bugs which were found on the former firmware version.

- On version 20.20.0.20, we add new features and fixes bugs based on version 20.19.0.42.
- On version 20.20.0.21, we add new features and fix bugs based on version 20.20.0.20, other changes sync version 20.19.0.48.

This is a beta version, which is not suitable for normal users, but for MyPBX developers and users who want to help us test by finding, reporting bugs.

Upgrade / Downgrade Notes:

1. It is strongly advised that you make a backup before upgrading the firmware.
2. Please only restore the backup onto the system with a higher version but not vice versa, otherwise the system will break down. For example, restore a backup of version 19 onto a system of version 20, or restore a backup of version 20.20.0.20-beta08 onto a system of version 20.20.0.21.
3. You need to reset MyPBX to make the downgrade take effect.

===Firmware Version: V20.20.0.21===
Applicable Model: MyPBX Standard
Release Date: January 15, 2016

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New Feature

1. Added **PING Tool** on MyPBX web user interface.
2. Added **SNMP** feature.
3. Added support for **CDMA Module**.
4. Added **Hotline** feature for FXS extensions.
5. Added **Czech System Prompt**.
6. Added **Directed Call Parking** feature.
7. Added support for **iLBC** codec.

Optimization

1. **VPN** settings are configurable on MyPBX web user interface.
2. Optimized **Follow Me** settings.
3. DID number would be found on SIP Diversion field if Diversion ID is enabled via “PBX → Advanced Settings → SIP Settings → Advanced Settings”.
4. If DOD number is set on MyPBX, when calling out through MyPBX, the DOD number could be recognized as Remote Party ID in SIP INVITE packet.

Bug Fixes

1. Fixed the issue that the web interface would show the error “502 Bad Gateway” once you adjust the sequence of the firewall rules.
2. Fixed the issue that follow me prompt would not take effect when you selected the Persian as system prompt.
3. Fixed the issue that “Addon Settings” of user account; monitor account and hotel account would appear in the User Permissions Settings menu for MyPBX Standard and SOHO.
4. Fixed the issue that Password Settings menu would still exist even if User Permission Setting was already set to allow password change.
5. Fixed the issue that wrong value of Line in BLF type on Auto Provisioning page for Yealink VP530.
6. Fixed the issue of batch import for PIN settings / Speed Dial / LDAP.

New Feature (Instruction)

1. Added **PING Tool** on MyPBX web user interface.

Path: Reports → Reports → Call Logs

Instruction: the PING tool helps users to test if MyPBX could access a host, IP address or website domain.

Ping Tool

IP/Host

```
PING www.yeastar.com (198.11.181.90): 56 data bytes
64 bytes from 198.11.181.90: seq=0 ttl=116 time=197.252 ms
64 bytes from 198.11.181.90: seq=1 ttl=116 time=196.702 ms
64 bytes from 198.11.181.90: seq=2 ttl=116 time=196.901 ms
64 bytes from 198.11.181.90: seq=3 ttl=116 time=196.917 ms
64 bytes from 198.11.181.90: seq=4 ttl=116 time=197.005 ms
```

2. Added **SNMP** feature.

Path: System → Network Preferences → SNMP Settings

Instruction:

Simple Network Management Protocol (SNMP) is an Internet-standard protocol for managing devices on IP networks. MyPBX supports three versions: V1, V2C and V3.

SNMP Settings

Note 1: If the managers want to access the device by SNMP v3 mode, 'SNMPv3 user' information must be configured.
Note 2: If the managers want to access the device by SNMP v1/v2c mode, 'SNMP Community' information must be configured.

SNMP Settings

SNMP is not running

Enable:

Local Port:

SNMPv3 User

SNMPv3 User:

Access Limit:

SNMP Community

SNMP Mode:

Access: Read Write

Community:

IP/SubnetMask:

Trap Setting

Trap Mode:

Trap Community:

Trap IP:

3. Added support for **CDMA Module**.

Previously, MyPBX only supported GSM and UMTS module; in this version, MyPBX added support for CDMA module.

- **GSM Module:** including SIM900 and SIM800 Module support 850/900/1800/1900 MHz (Dual Band)
- **UMTS Module:** including SIM5215E and SIM5215J Module
 - 1) **SIM5215E:** Dual-Band UMTS/HSDPA 900/2100MHz Quad-Band GSM/GPRS/EDGE 850/900/1800MHz
 - 2) **SIM5215J:** Dual-Band UMTS/HSDPA 850(800)/2100MHz Quad-Band GSM/GPRS/EDGE 850/900/1800/1900MHz
- **CDMA Module:** SIM2000C Module, supports 800MHZ



- 4. Added **Hotline** feature for FXS extensions.

Path: PBX → Extensions → FXS/VoIP Extensions

Instruction: if this feature is enabled, MyPBX will dial out the configured hotline number automatically after off-hook.

Edit Extension - 800

General | Other Settings

General

Extension: 800 | Port: 15
Name: 800 | Caller ID: 800

Voicemail

Enable Voicemail | Voicemail Access PIN #: 800

Mail Setting

Enable Send Voicemail
Email Address:

Note: Please ensure that the section 'SMTP Settings for Voicemail'(in the 'Voicemail Settings') have been properly configured before using this feature.

Flash

Hook Flash Detection: 1000 ms

Group

Pickup Group: ---

Call Duration Setting

Max Call Duration: s

Hotline

Enable Hotline | Hotline Number: 98377422 | Delay Dial: 2 s

5. Added **Czech System Prompt**.

Path: PBX → Audio Settings → System Prompts Settings

Instruction:

System Prompts Settings

Prompts Download

Note: Auto-detection is highly recommended. But if you prefer to download via HTTP or TFTP server, please contact the local dealer for the prompts.

Local Prompts: English

Download Mode: Auto Detection

Prompts: česká(Czech)

6. Added **Directed Call Parking** feature.

Path: PBX → Basic Settings → Feature Codes

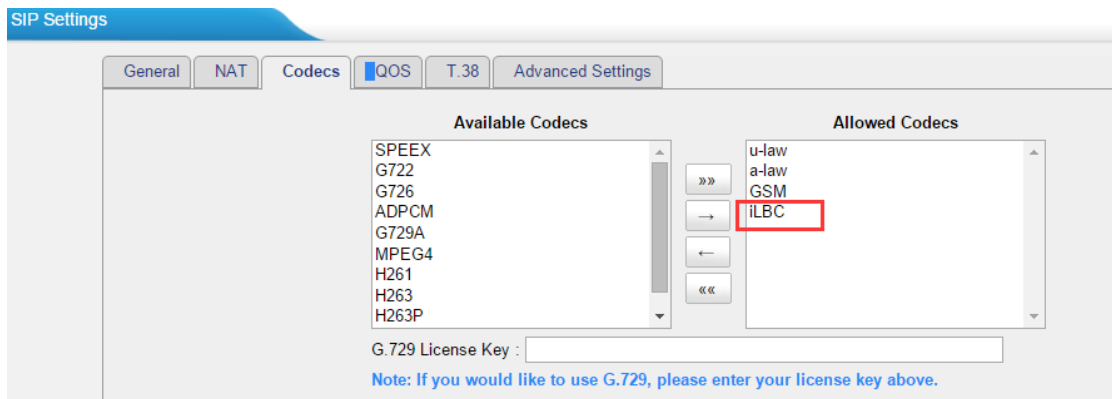
Instruction: Directed Call Parking allows a user to transfer a call to an available user-selected directed call park number. The default feature code for Directed Call Parking is *06. Users could press *06 following by the parked number, for example, press *06690 during a call, the call will be parked on extension 690. Dial 690 on another phone to resume the conversation.

Call Parking Preferences			
Directed Call Parking		*06	
Call Parking		*6	
Extension range used to park calls		690-699	(Ex: 690-699)
Number of seconds a call can be parked for		60	

- Added support for **iLBC** codec.

Path: PBX → Advanced Settings → SIP Settings

Instruction: choose iLBC code to “Allowed Codecs” box to use iLBC code on MyPBX.



Optimization (Instruction)

- VPN settings are configurable on MyPBX web user interface.

Path: System → VPN Settings

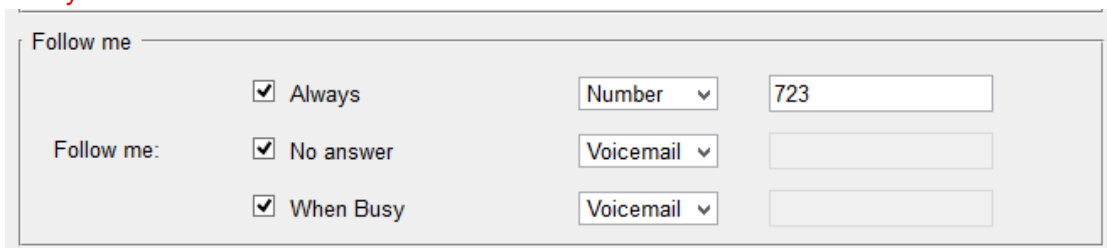
Instruction: MyPBX supports OpenVPN, IPsec VPN and L2TP VPN. On the former version, users could only import the relevant VPN configuration file to MyPBX to make it work. Now, MyPBX provides detailed VPN configuration settings on the web user interface, users could configure the VPN directly on MyPBX.

- Optimized **Follow Me** settings.

Path: PBX → Extensions and Trunks → Extensions

Instruction: users could choose a destination for each follow me condition.

Note: when the “always” condition is ticked, an incoming call to the extension will always be forwarded to the selected destination.



The relevant Follow Me (Call Forwarding) feature codes were also optimized.

- Deleted **Forward to Number (*74)**
- Deleted **Forward to Voicemail (*074)**

- Added **Always Forward to Number (*711)**
- Added **Always Forward to Voicemail (*712)**
- Added **Busy Forward to Number (*721)**
- Added **Busy Forward to Voicemail (*722)**
- Added **No Answer Forward to Number (*731)**
- Added **No Answer Forward to Voicemail (*732)**

Call Forwarding Preferences		
<input checked="" type="checkbox"/>	Reset to Defaults ⓘ	*70
<input checked="" type="checkbox"/>	Enable Forward All Calls	*71
<input checked="" type="checkbox"/>	Always Forward to Number	*711
<input checked="" type="checkbox"/>	Always Forward to Voicemail	*712
<input checked="" type="checkbox"/>	Disable Forward All Calls	*071
<input checked="" type="checkbox"/>	Enable Forward When Busy	*72
<input checked="" type="checkbox"/>	Busy Forward to Number	*721
<input checked="" type="checkbox"/>	Busy Forward to Voicemail	*722
<input checked="" type="checkbox"/>	Disable Forward When Busy	*072
<input checked="" type="checkbox"/>	Enable Forward No Answer	*73
<input checked="" type="checkbox"/>	No Answer Forward to Number	*731
<input checked="" type="checkbox"/>	No Answer Forward to Voicemail	*732
<input checked="" type="checkbox"/>	Disable Forward No Answer	*073
<input checked="" type="checkbox"/>	Enable Do Not Disturb	*75
<input checked="" type="checkbox"/>	Disable Do Not Disturb	*075

===Firmware Version: V14.20.0.20===
Applicable Model: MyPBX U500/U510/U520
Release Date: January 6th, 2015

New Feature

1. Added Caller ID Pass-Through feature and Anonymous call feature.
2. Added support for creating user accounts with different permissions.
3. Added support for Business Hours status monitoring by BLF key.
4. Added support for import and export of PIN list, Speed Dial and LDAP data.
5. Added support for selecting which trunk is used to call back.
6. Added support for phone provisioning of Cisco SPA IP phones.
7. Added support for routing incoming calls to multiple destinations by different office hours.
8. Added support for Black List and White List for individual extension.
9. Added support for displaying Registry IP address of each extension on Extension Status Page.
10. Added support for enabling and disabling VoIP trunks.
11. Added "Domain" field on Service Provider Trunk.
12. Added Rxgain and Txgain Settings on PSTN trunk.
13. Added Hebrew system prompt.

Bug Fixes

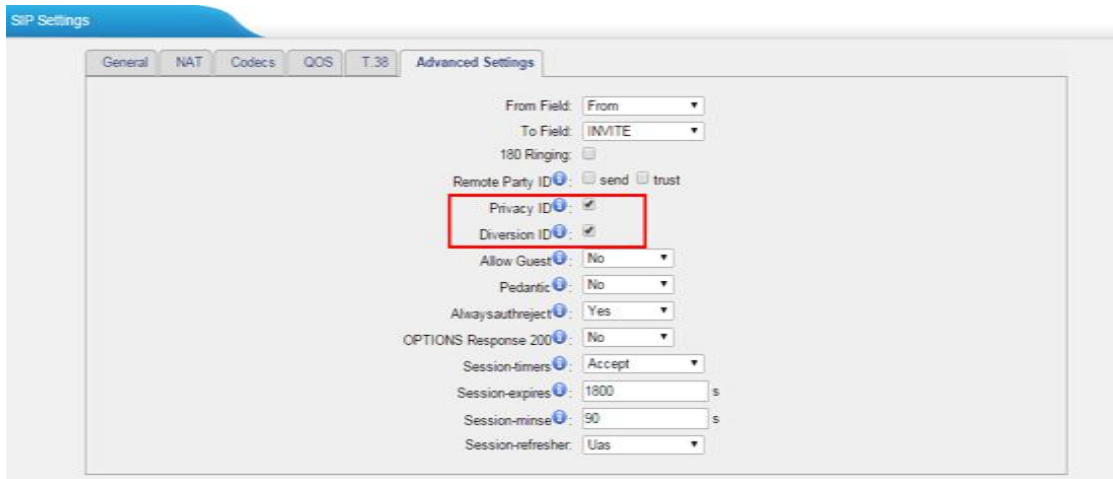
➤ MyPBX Related Bugs

1. Fixed the issue that "inbound to outbound" feature could not work when the inbound call reached GSM trunk on MyPBX. To make it work, the external number (do not forget to match the dial pattern of the selected outbound route) should be set as DID number on the inbound route.
2. The length limit of "Nick Name" of Contacts on Phone Provisioning Phone book was increased to 64 characters.
3. Fixed the issue that the PPPoE network could not connect automatically if the network cable was disconnected and connected again.
4. The call quality with G729 codec was improved.
5. Fixed the issue that Email to SMS could not work if the destination number was start with character "+". For example, Email to SMS could not work if sending to number +8615880270900.

New Feature (Instruction)

1. **Added Caller ID Pass-Through feature and Anonymous call feature.**
Path: PBX→Advanced Settings→SIP Settings→Advanced Settings
Instruction:

To enable Anonymous Call feature, you need to check "Privacy ID". Privacy SIP header will be added to the SIP packets. The Privacy header is used by User-Agent to request privacy services from the network. Caller ID Pass-Through feature allows you to maintain the original caller's identity when forwarding an inbound call through a SIP trunk. Check "Diversion ID" to enable Caller ID Pass-Through feature. SIP provider should support "Diversion ID" header, or it will not work.

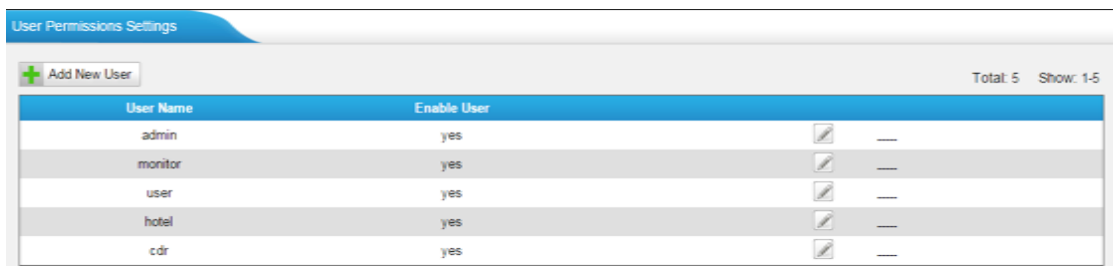


2. Added support for creating user accounts with different permissions.

Path: System → System Preferences → User Permissions Settings

Instruction:

The administrator can create and edit user accounts. Log in MyPBX using "admin" account, you will see default system accounts, admin, user, cdr and other addon accounts.



Besides, you can add other user accounts and set different permissions for different user accounts.

Note:

The added user account only have basic authority; without the advanced authority to reset, update, backup and restore MyPBX and cannot edit VoIP Trunks.

Edit User - catherine X

User Name:

Enable User:

Enter Old Password:

Enter New Password:

Retype New Password:

User Permissions Settings:

Line Status:

System Status:

Network Preferences:

Security Settings:

LDAP Server:

Storage Management:

System Preferences:

Extensions:

Trunks:

Outbound Call Control:

Inbound Call Control:

Audio Settings:

Basic Settings:

Advanced Settings:

Reports:

Addons Settings:

3. Added support for Business Hours status monitoring by BLF key.

Instruction:

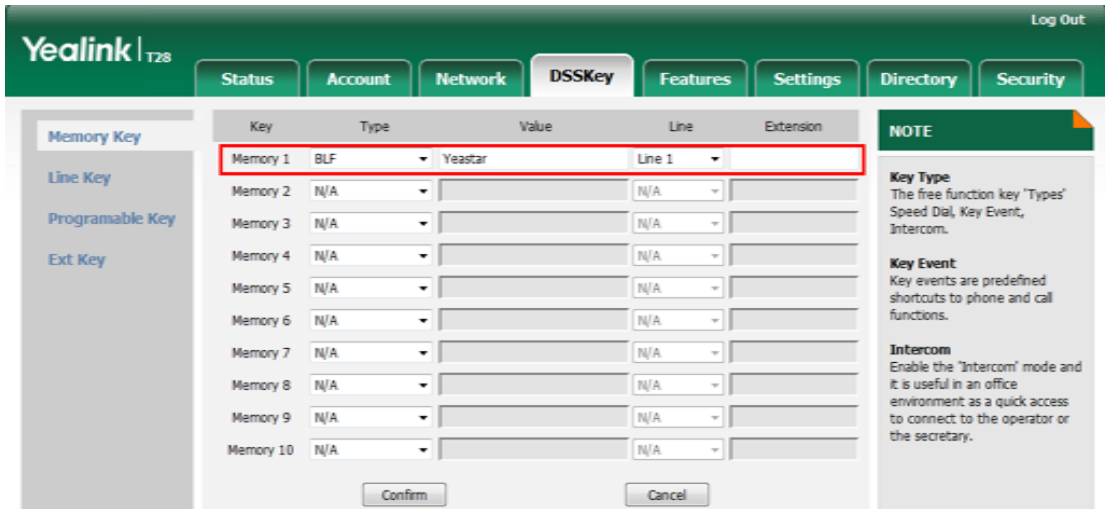
This feature is only for the Office Hours created on Business Hours page. It is not working for Other Office Hours.

Set the Office Hours name as a BLF key value on your IP phone.

Red LED indicates office hours, Green LED indicates non-office hours.

For example, there is a Business Hours named "Yeastar" on MyPBX, here we guide you how to configure BLF key on Yealink T28 IP phone to monitor the business hours.

Set Key Type as BLF, set the value as the Business Hours name "Yeastar" and select the line where MyPBX extension registered on. Click Confirm, you will see the BLF LED on.



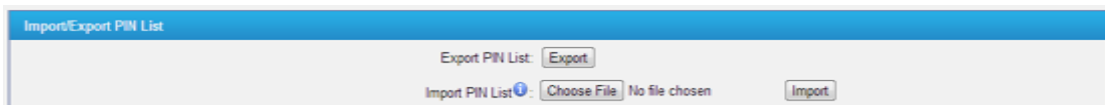
4. Added support for import and export of PIN list, Speed Dial and LDAP data.

Instruction:

By importing the data to MyPBX, you don't have to create PIN codes, speed dial number, and contacts for LDAP one by one, saving a lot of time and manpower.

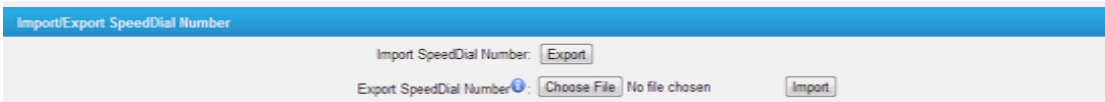
Path: PBX→Advanced Settings→PIN Settings

Max 32 PIN List; Max 512 PIN codes in each PIN List.



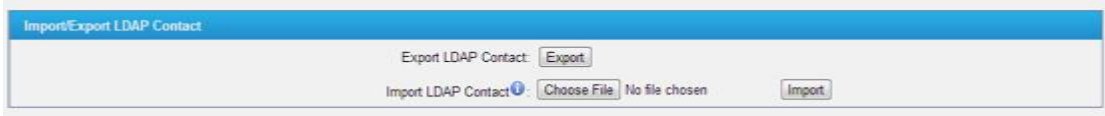
Path: PBX→Outbound Call Control→Speed Dial Settings

Max 512 Speed Dial Numbers.



Path: System→LDAP Sever

Max 300 LDAP contacts.



5. Added support for selecting which trunk is used to call back.

Path: PBX→Inbound Call Control→Inbound Routes

Instruction:

In the previous version, the system would take the same trunk which the caller called in to make a call back. But now, you can choose which trunk will be used to call back. And for VoIP trunks, you can set the Call back time.

Call back Time Setting is for SIP and SPS trunk, it means how many seconds MyPBX will wait to hang up the call and call back, or you can hangup the call by yourself to trigger the call back during the callback time. If you leave the "Callback Time" empty, MyPBX will disconnect the call and call back once you call in.

Edit Inbound Route: pstnin

General

Route Name ⓘ : pstnin

DID Number ⓘ :

Extension ⓘ :

Caller ID Number ⓘ :

Distinctive Ringtone ⓘ :

Member Trunks ⓘ

Available Trunks

- GSM7(GSM)
- E1Trunk1(E1)
- E1Trunk2(E1)
- sip2sip(SIP)
- imtesting(SPS)
- std(SPS)

Selected

- pstn1(FXO)
- pstn2(FXO)

CallBack Trunk

Enable Callback : Yes

[CallBack Settings](#)

CallBack Trunk ⓘ : sip2sip(SIP)

CallBack Time ⓘ : 5

6. Added support for phone provisioning of Cisco SPA IP phones.

Path: PBX→Extensions→Phone Provisioning

Instruction:

Support Cisco SPA501G, 502G, 504G, 508G, 509G, 512G, 514G, 525G2 IP phones.

7. Added support for routing incoming calls to multiple destinations by different office hours.

Instruction:

Generally, we set different destinations for Office Hours and Non-office Hours. What if you want to route incoming calls to another destination that is different from Office Hours destination and Non-office Hours destination when you are in the office for lunch break. In this case, you need to add another business hours.

Path: PBX→Basic Settings→Business Hours

Then set the destination on the inbound route.

Path: PBX→Inbound Call Control→Inbound Routes

The screenshot shows a configuration interface with three main sections:

- Office Hours:** Office Hours : Yeastar (dropdown), Office Hours Destination : IVR (dropdown), IVR -- welcome (dropdown).
- Other Office Hours:** This section is highlighted with a red border. It contains:
 - Hours : (dropdown)
 - Hours Destination : (dropdown)
 - + Add (button)
 - LunchBreak (dropdown)
 - Extension (dropdown)
 - Extension -- 100 (dropdown)
 - X (close button)
- Non-office Hours:** Non-office Hours Destination : Voicemail (dropdown), Voicemail -- 100 (dropdown).

8. Added support for Black List and White List for individual extension.

Instruction:

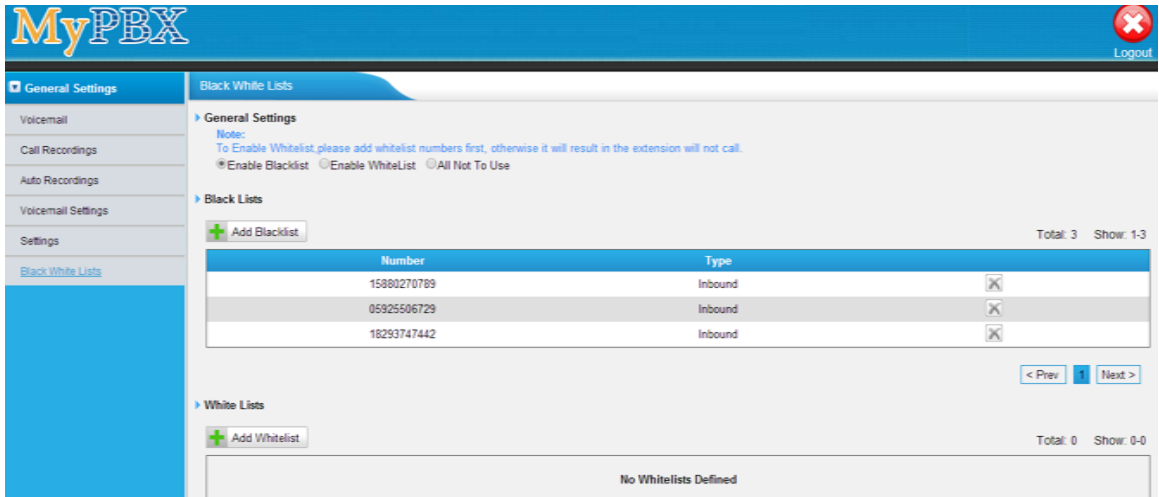
Log in MyPBX using extension user account to configure Black List and White List for the extension.

Hybrid IP PBX for Your Business



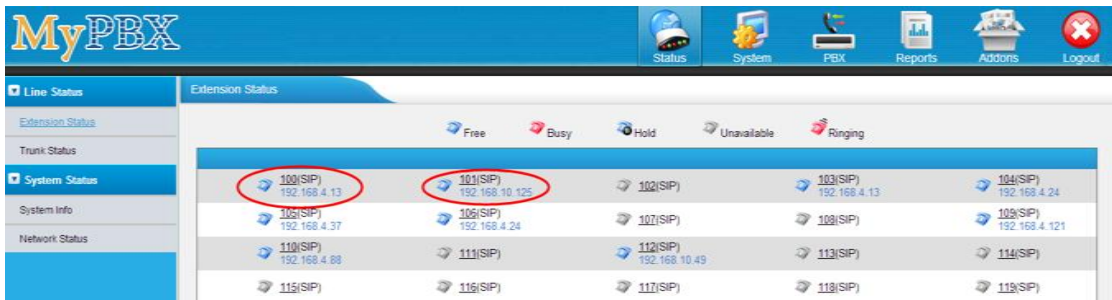
Add external numbers to blacklist to block the numbers and add external numbers to white list to allow these numbers.

Note: The priority of Blacklist on MyPBX is higher than the priority of extension blacklist.



9. Added support for displaying Registry IP address for each extension on Extension Status Page.

Path: Status→Line Status→Extension Status

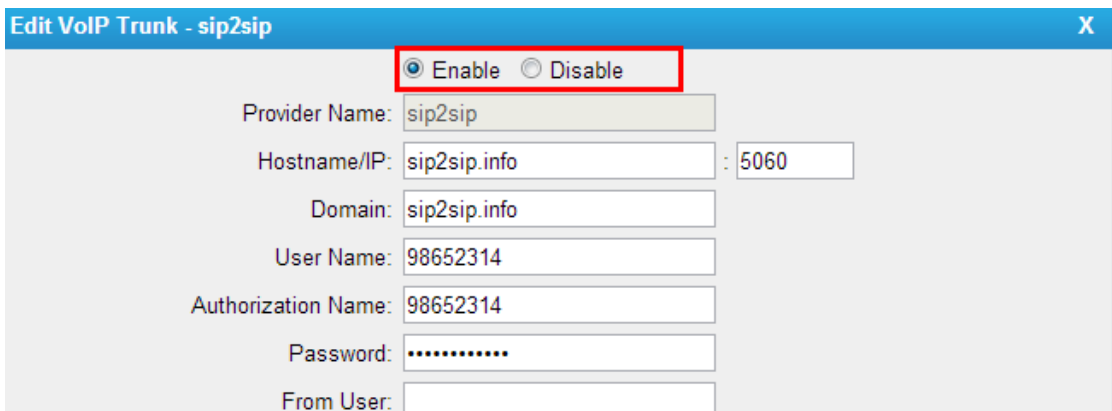


10. Added support for enabling and disabling VoIP trunks.

Path: PBX→Trunks→VoIP Trunks

Instruction:

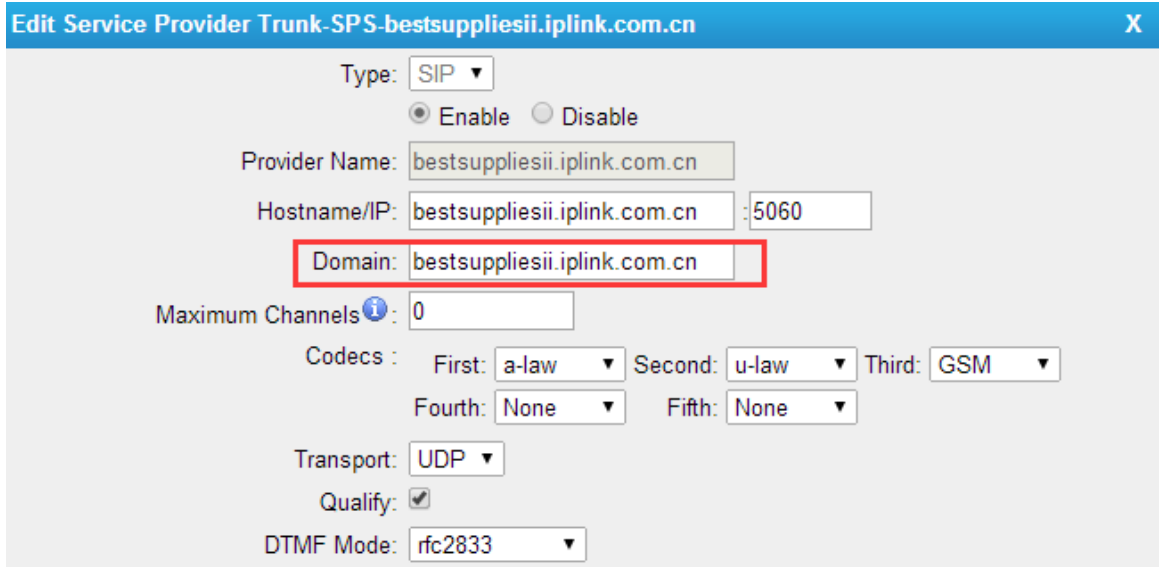
If the VoIP trunk is disabled, it cannot be used for outbound and inbound calls.



11. Added "Domain" field on Service Provider Trunk.

Instruction:

Generally, the “Domain” value is the same with “Hostname/IP” of the SIP trunk. In case that the domain value is different from the SIP trunk Hostname/IP, we add this field on Service Provider Trunk to make the trunk work properly.

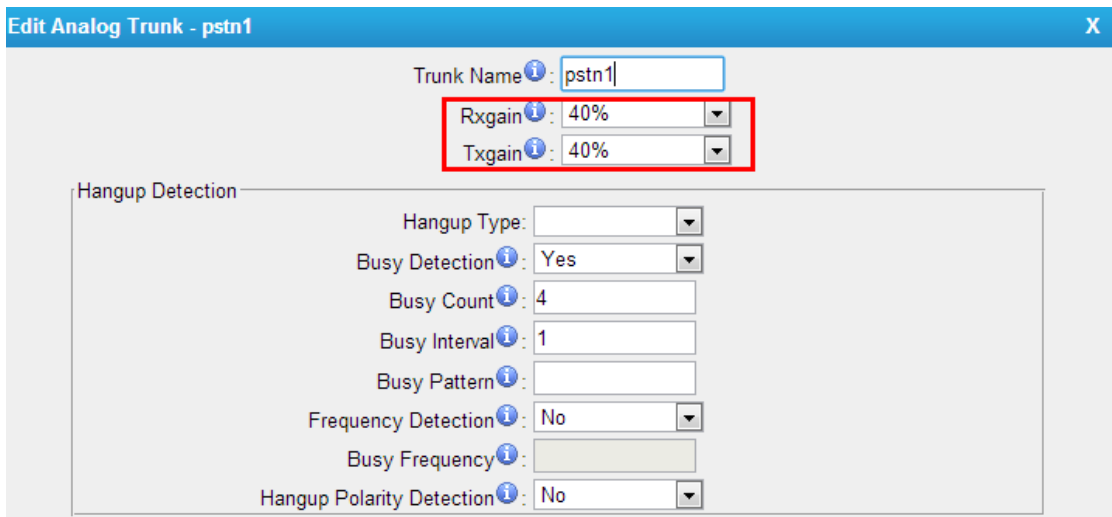


12. Added Rxgain and Txgain Settings on PSTN trunk.

Path: PBX→Trunks→Physical Trunks→Analog Trunk

Instruction:

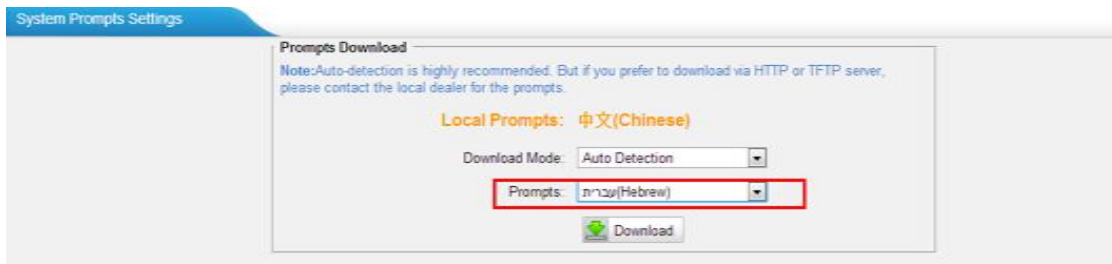
Rxgain for received volume, Txgain for transferred volume.



13. Added Hebrew system prompt.

Path: PBX→Audio Settings→System Prompt Settings

Instruction:



<The End>