Maxincom MUC1002/1004/2008/2016 Release Notes of Versions 20/1/12/13.1.0.29-beta02

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MUC1002/1004/2008/2016 Upgrade Firmware Notice

- We strongly recommend you to back up the configurations before you upgrade.
- You need to RESET the device to make it work properly if you want to downgrade the firmware.
- Back up files from higher firmware version cannot be restored to the device with lower firmware version.
- It’s recommended that you clear the browser cache after upgrade

✧ Release Notes of Version 20/1/12/13.1.0.29-beta02

1. Introduction

(1) Firmware Version: 20.1.0.29-beta02,1.1.0.29-beta02,12.1.0.29-beta02,13.1.0.29-beta02

(2) Applicable Model:MUC1002,MUC1004,MUC2008,MUC2016

(3) Release Date: May 6, 2019

CHANGES SINCE FIRMWARE RELEASE 20/1/12/13.1.0.29-beta01

2. New Features

(1) Call Groups Settings in PBX Basic

3. Optimization

None

4. Bug Fixes

None

5. New Features Descriptions

(1) Call Groups Settings in PBX Basic

Path: PBX Basic->Call Groups Settings

Description:

Add "Call Groups Settings" function. Multiple extensions can be added quickly in the "Queues" and "Ring Groups" function, and can also be used for the "Pick Up" function.

Test Progress:

<1> Call Groups and Extensions

Figure->Add Call Group

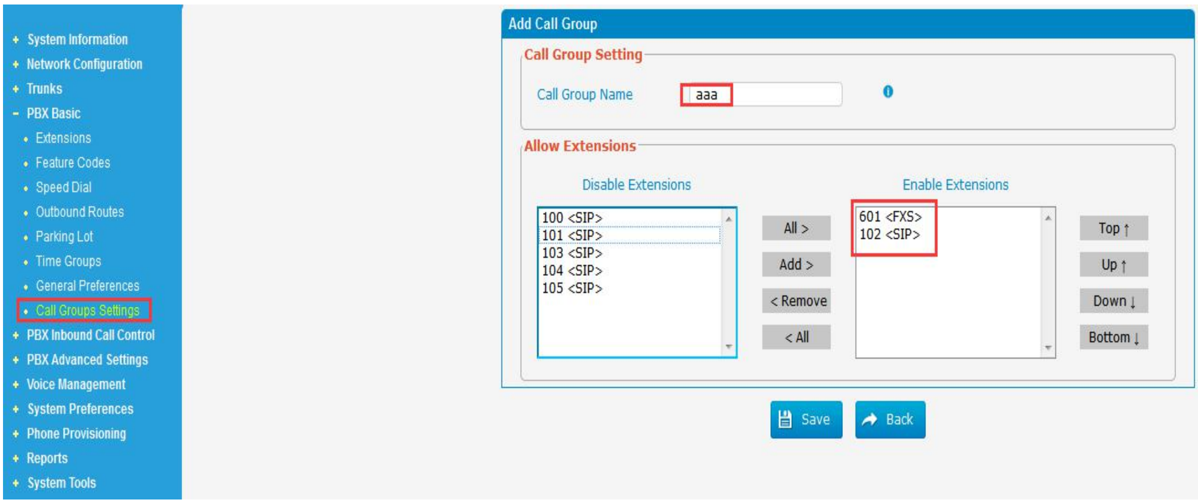


Figure->After Added for 601

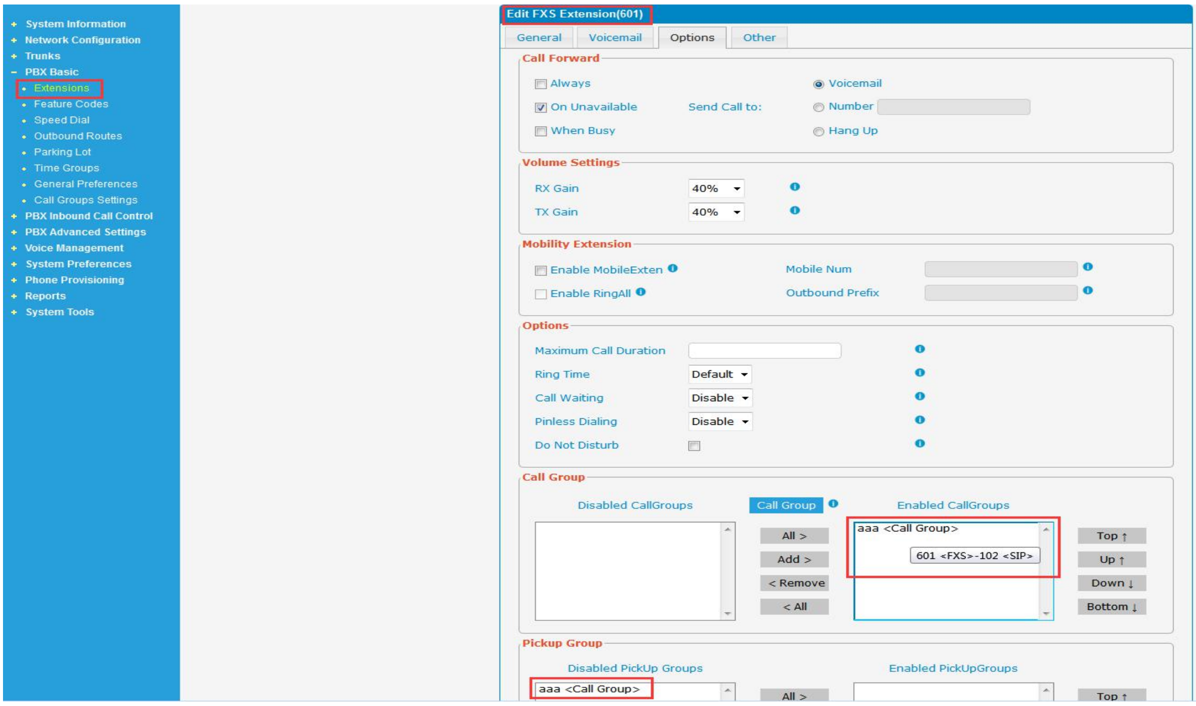
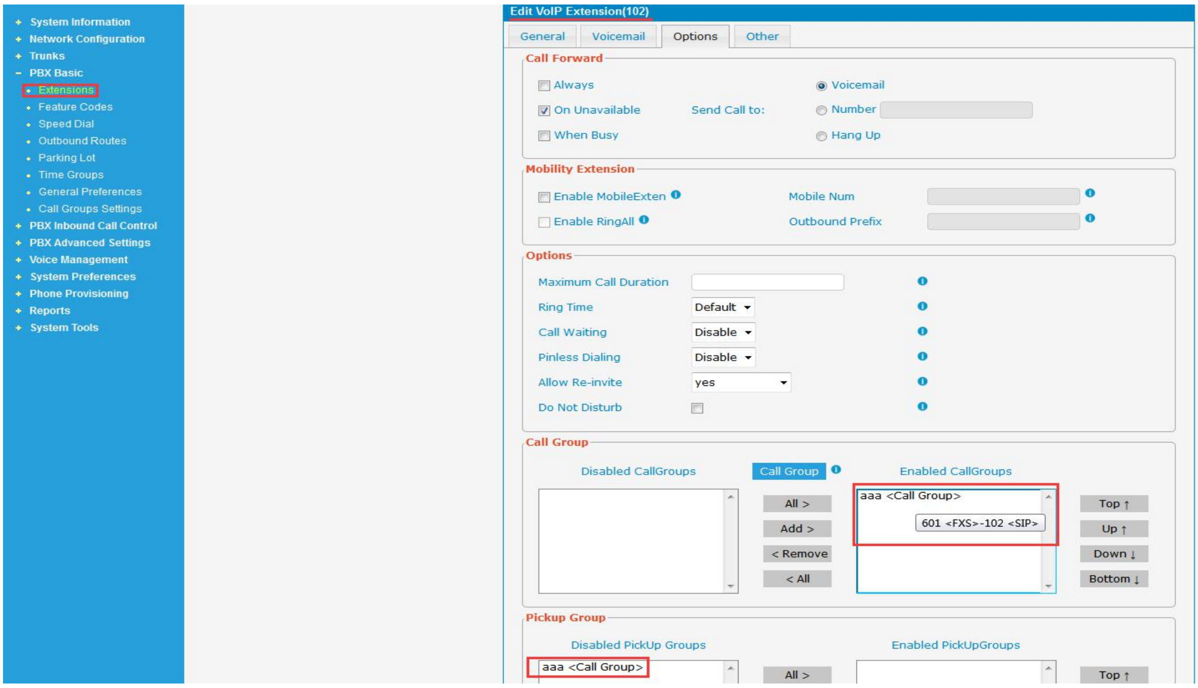


Figure->After Added for 102



Description:

Add the Call Group (aaa) as shown above. “aaa” should be added to “Enabled CallGroups” in the respective extensions of 601 and 102. At the same time, when the mouse hovers over “aaa”, you can see the members of “aaa”.

Figure->Before Add Call Group in Extension

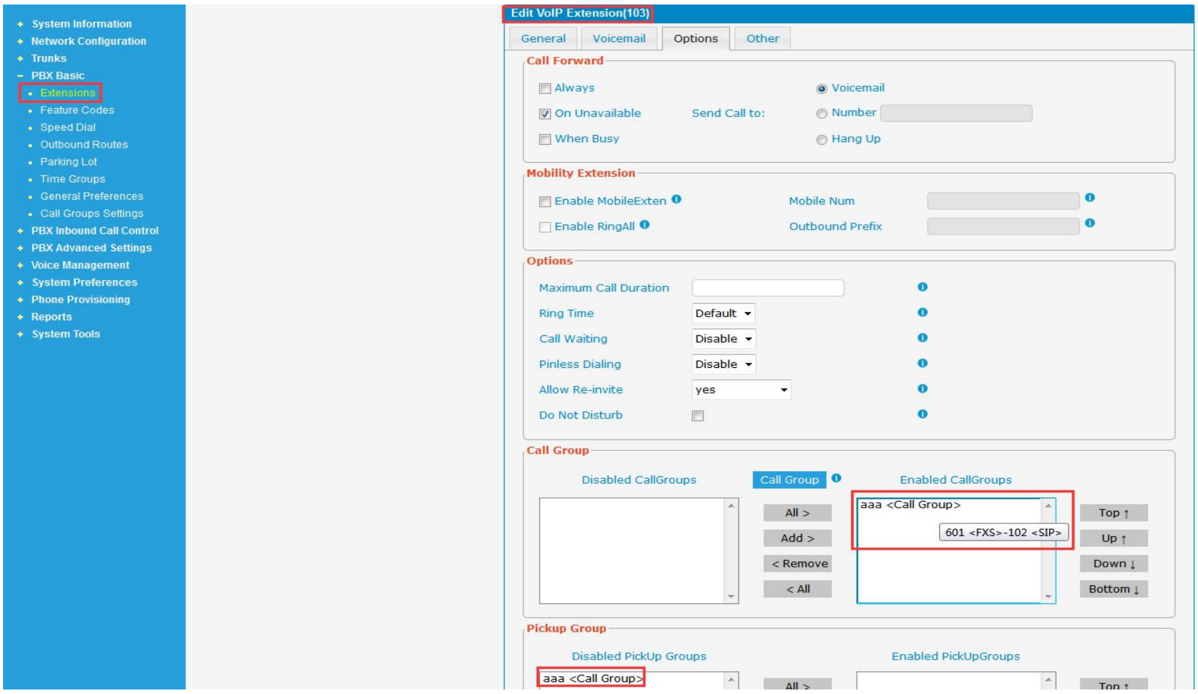
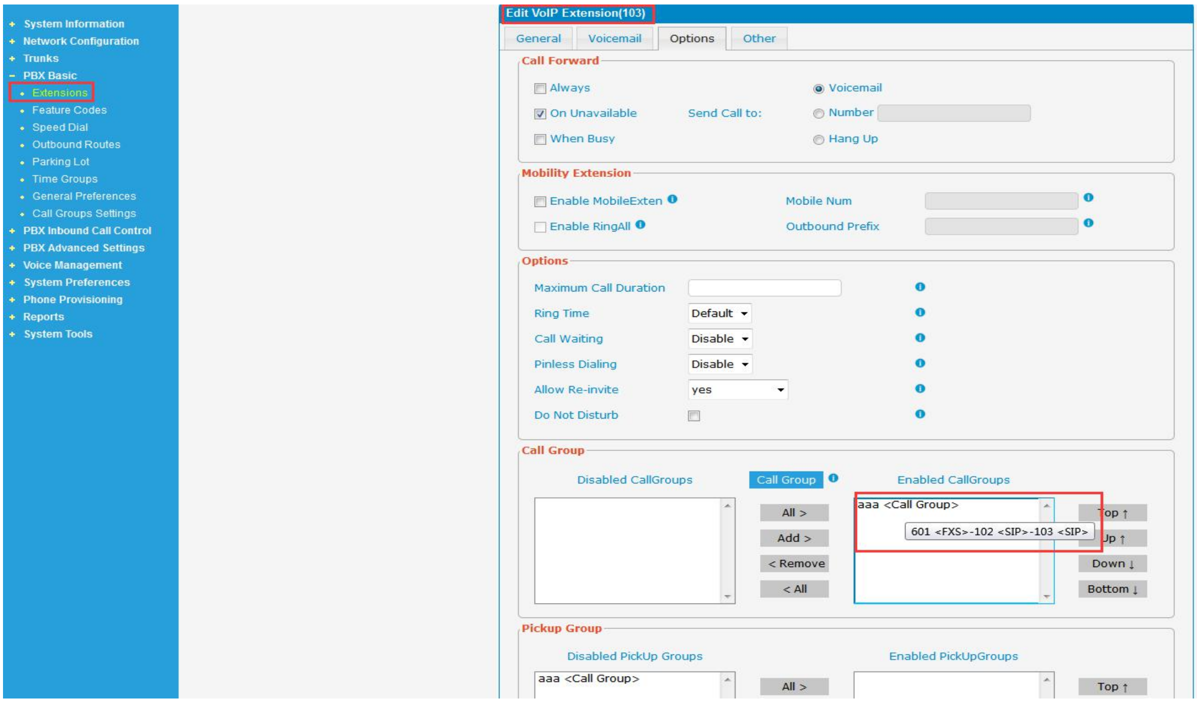


Figure->After Add Call Group in Extension



Description:

As shown in the figure above, after adding aaa to Enabled Callgroups, the extension of 103 can see that the members of aaa have changed when hovering over aaa.

Figure->Before Remove members from Enabled CallGroups

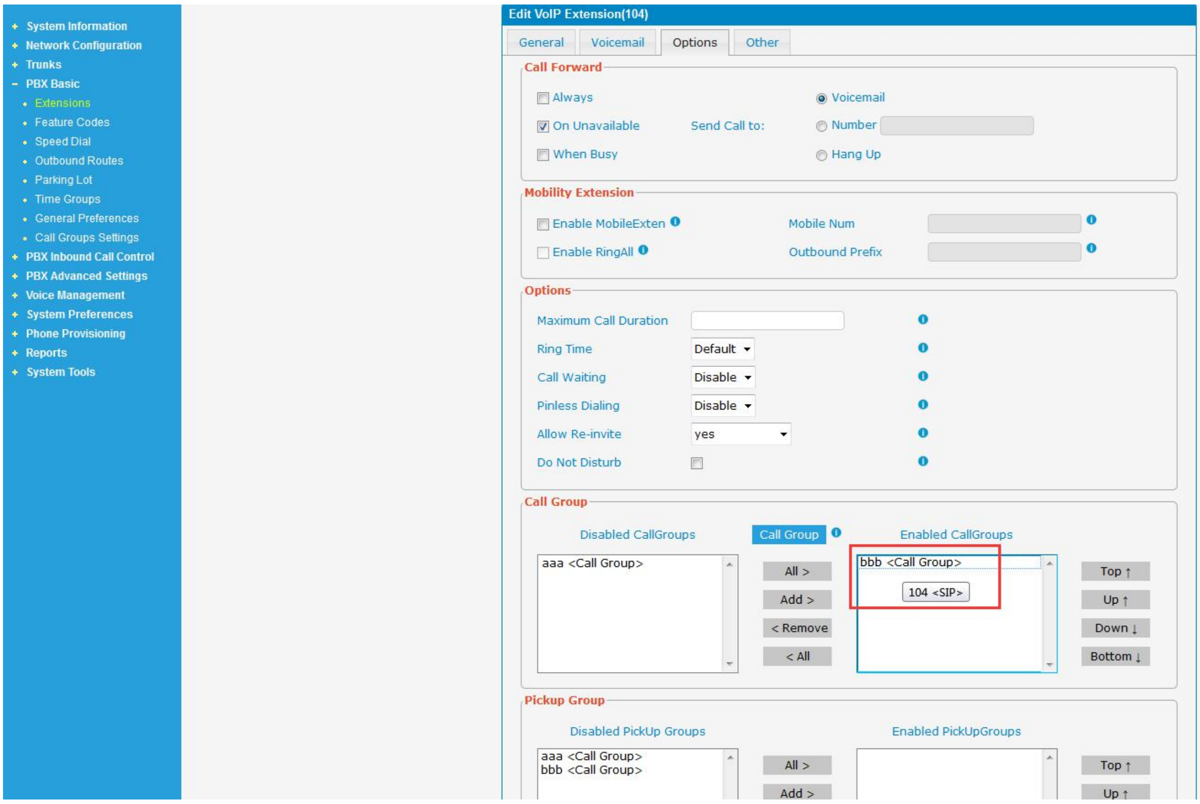
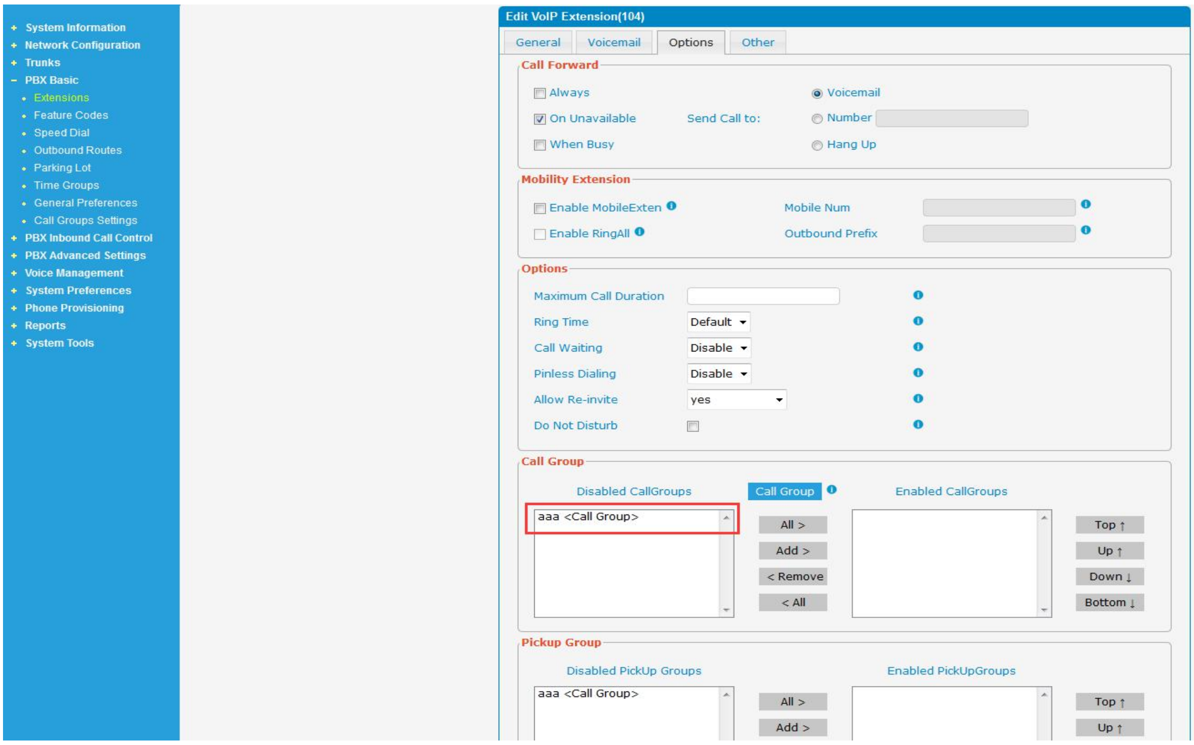


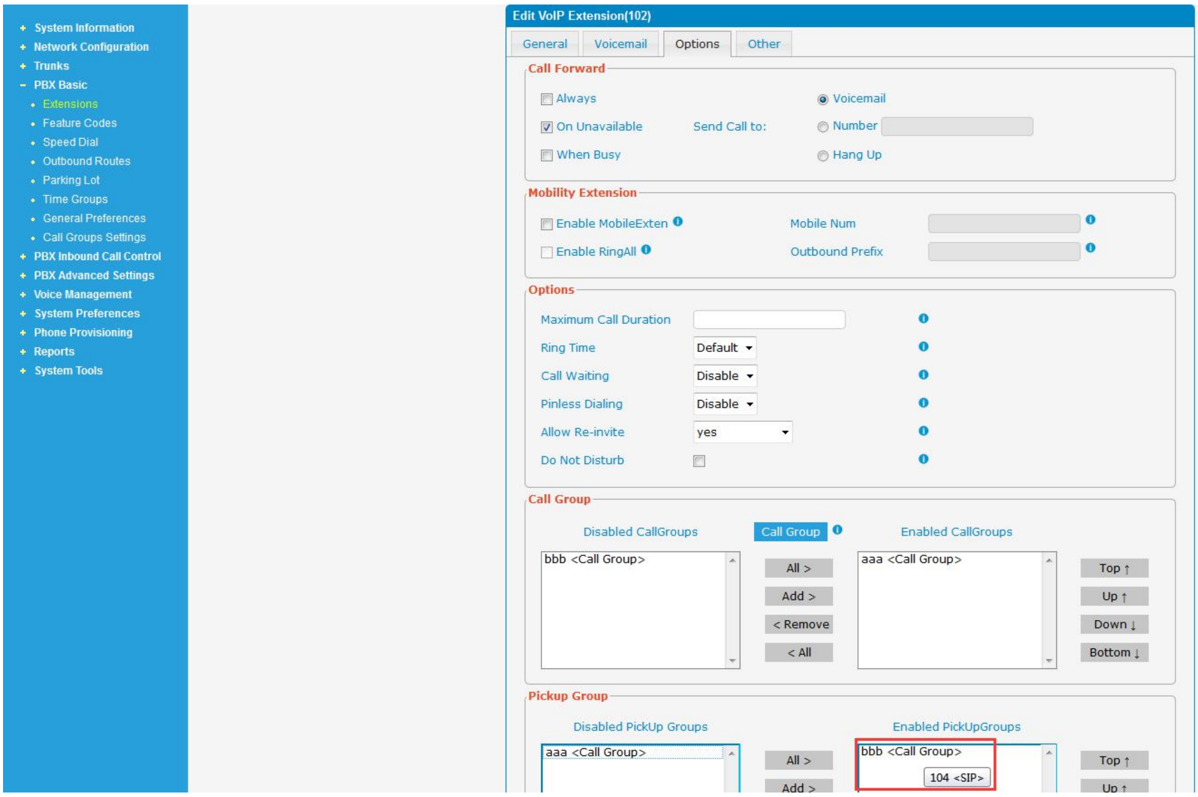
Figure->After Remove members from Enabled CallGroups



Description:

If a Call Group has only one member, when the extension interface removes the call group, the Call Groups are deleted directly.For example, the member of bbb in the above figure has only one 104 extension.

Figure->Set PickUp Groups

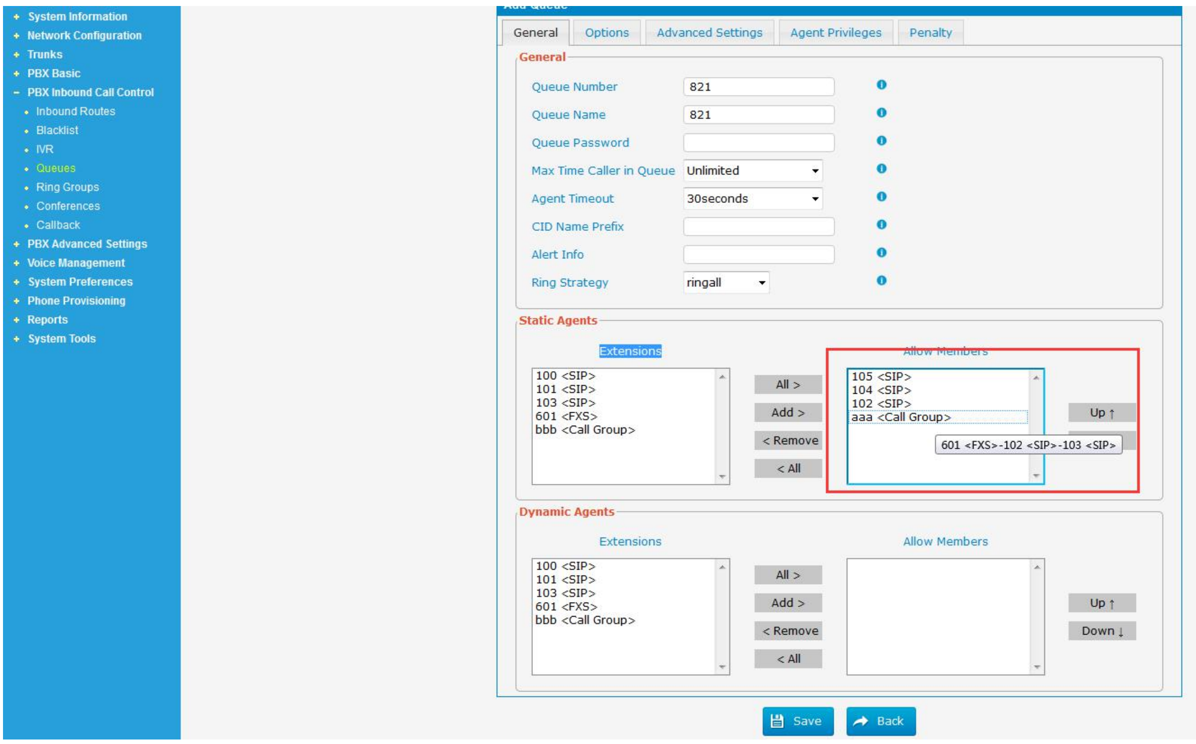


Description:

As shown in the figure above,Enabled PickUpGroups of extension 102 selects callgroup(bbb) with extension 104. When extension 101 dials extension 104 and extension 104 rings, extension 102 can intercept by press *8. If the extension 104 dials the extension 101 and the extension 101 rings, the extension 102 cannot intercept the extension 104. In short, the intercept function only intercepts the called party (when using *8).

<2> Queue and Call Groups

Figure->Set Call Groups

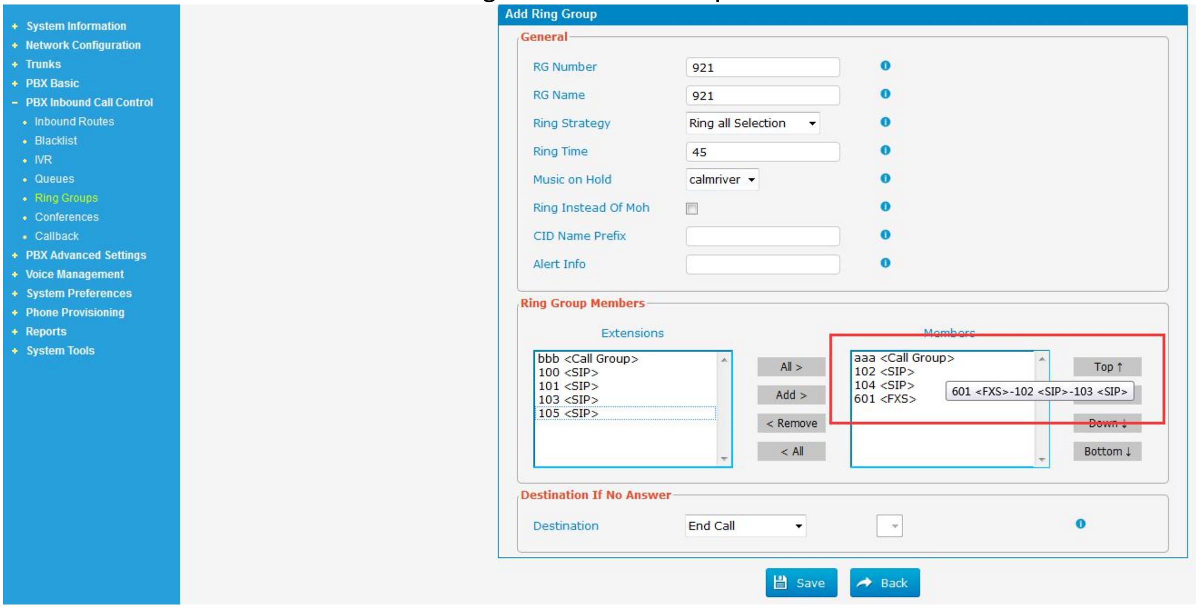


Description:

As shown in the figure above, the actual members of queue 820 are 105, 104, 103, 601, and 102. The members in callgroup(aaa) have been compared with other extensions (105, 104, and 102), and duplicate extensions are removed.

<3> RingGroups and Call Groups

Figure->Set Call Groups



Description:

As shown in the figure above, the actual members of ringgroups 920 are 102 104, 601 and 103.

The members in callgroup(aaa) have been compared with other extensions (102, 104 and 601)and duplicate extensions are removed.

6. Bug Fixes Description

none

✧ Release Notes of Version 20/1/12/13.1.0.29-beta01

1. Introduction

(1) Firmware Version:
20.1.0.29-beta01,1.1.0.29-beta01,12.1.0.29-beta01,13.1.0.29-beta01

(2) Applicable Model:MUC1002,MUC1004,MUC2008,MUC2016

(3) Release Date:April 15, 2019

CHANGES SINCE FIRMWARE RELEASE 20/1/12/13.1.0.29

2. New Features

(1) Concurrent Registration of Extensions

(1) Encrypt the parameters displayed by the url path.

3. Optimization

None

4. Bug Fixes

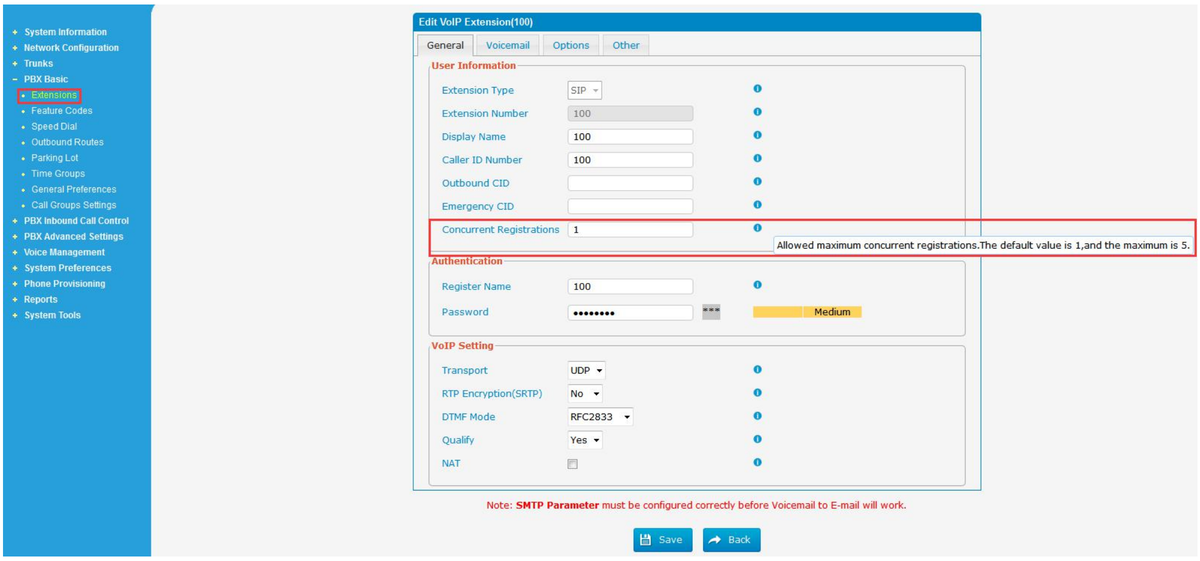
(1) The user registered with Userpermission in the monitor account cannot log in

(2) The Fanvil phone failed to manually add a MAC address.

5. New Features Descriptions

(1) Concurrent Registration of Extensions

Figure->Call Groups



Path: PBX Basic->Extensions

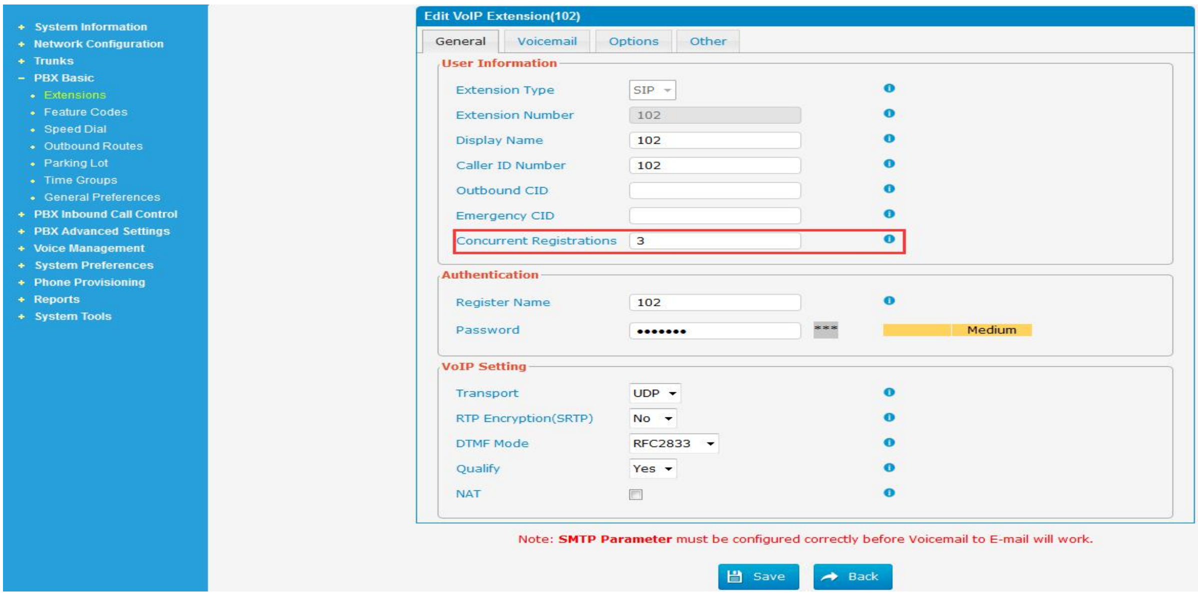
Description:

Add the “Concurrent Registrations” function, the same extension number can be registered to multiple phones, at least one and up to five. When other extensions dial in, all phones registered with this extension number will ring at the same time. Compatible with “Queues” and “Ring Groups” function.

Test Progress:

<1> Configure the “Concurrent Registrations” option in the extension page, if set to 3.

Figure->Set Concurrent Registrations of 102



<2> The extension 102 is separately registered on the three telephones. The “Username” or “SIP User ID” options on the phone should be filled in the order of 102, 102sip1 and 102sip2. By analogy, if the number of concurrent registrations is 5, the registered accounts are 102, 102sip1, 102sip2, 102sip3 and 102sip4. The passwords are the same.

Figure->Account of 102

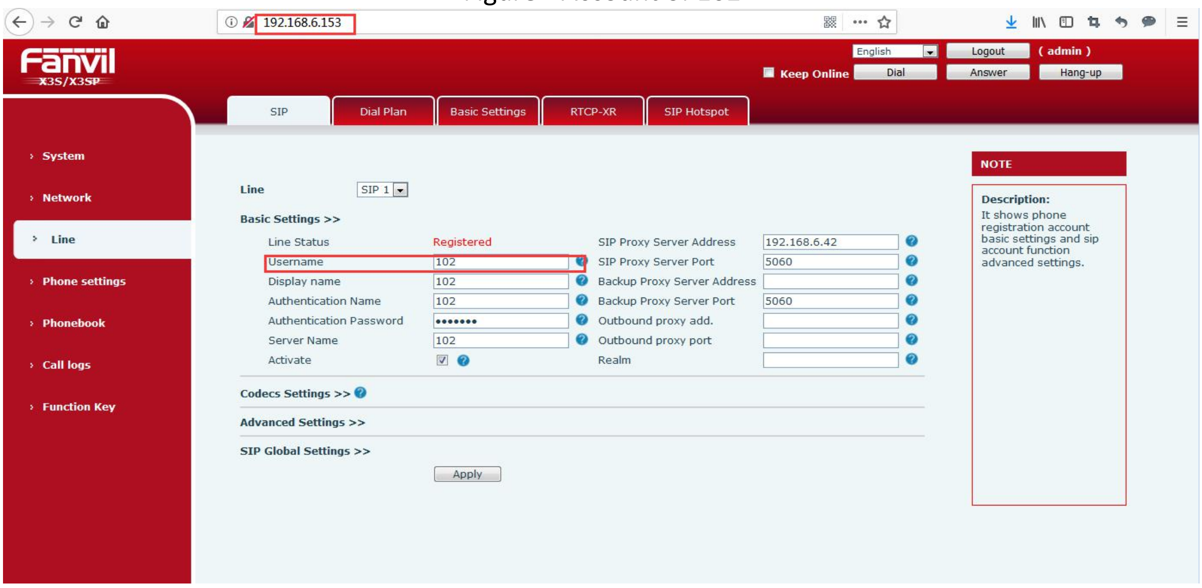
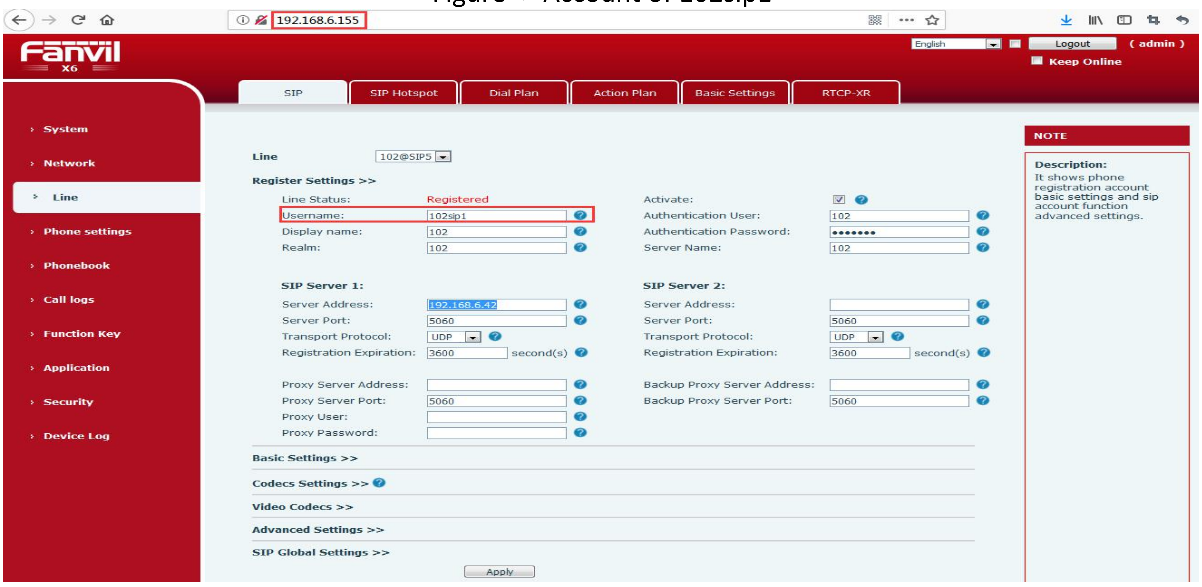


Figure -> Account of 102sip1



Notes:When the same extension number is registered on a different extension, the newly registered phone ip address will replace the previous ip address.

Figure -> Account of 102sip2 for 192.168.6.166

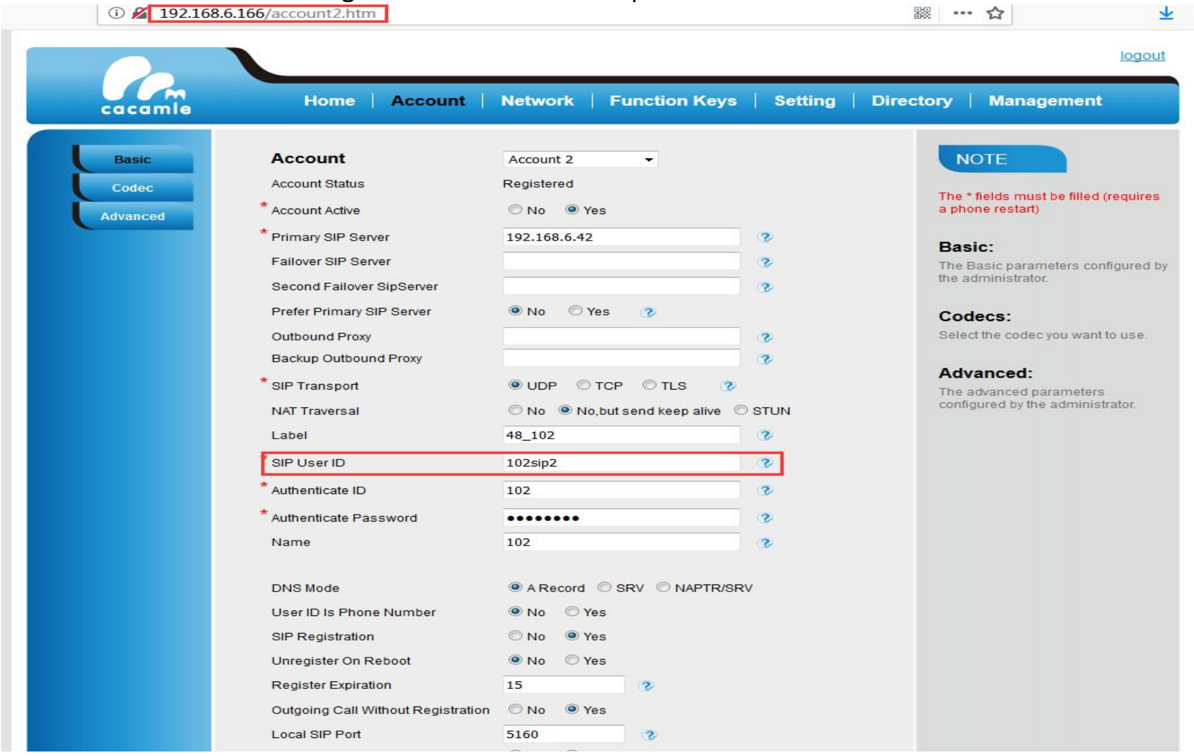
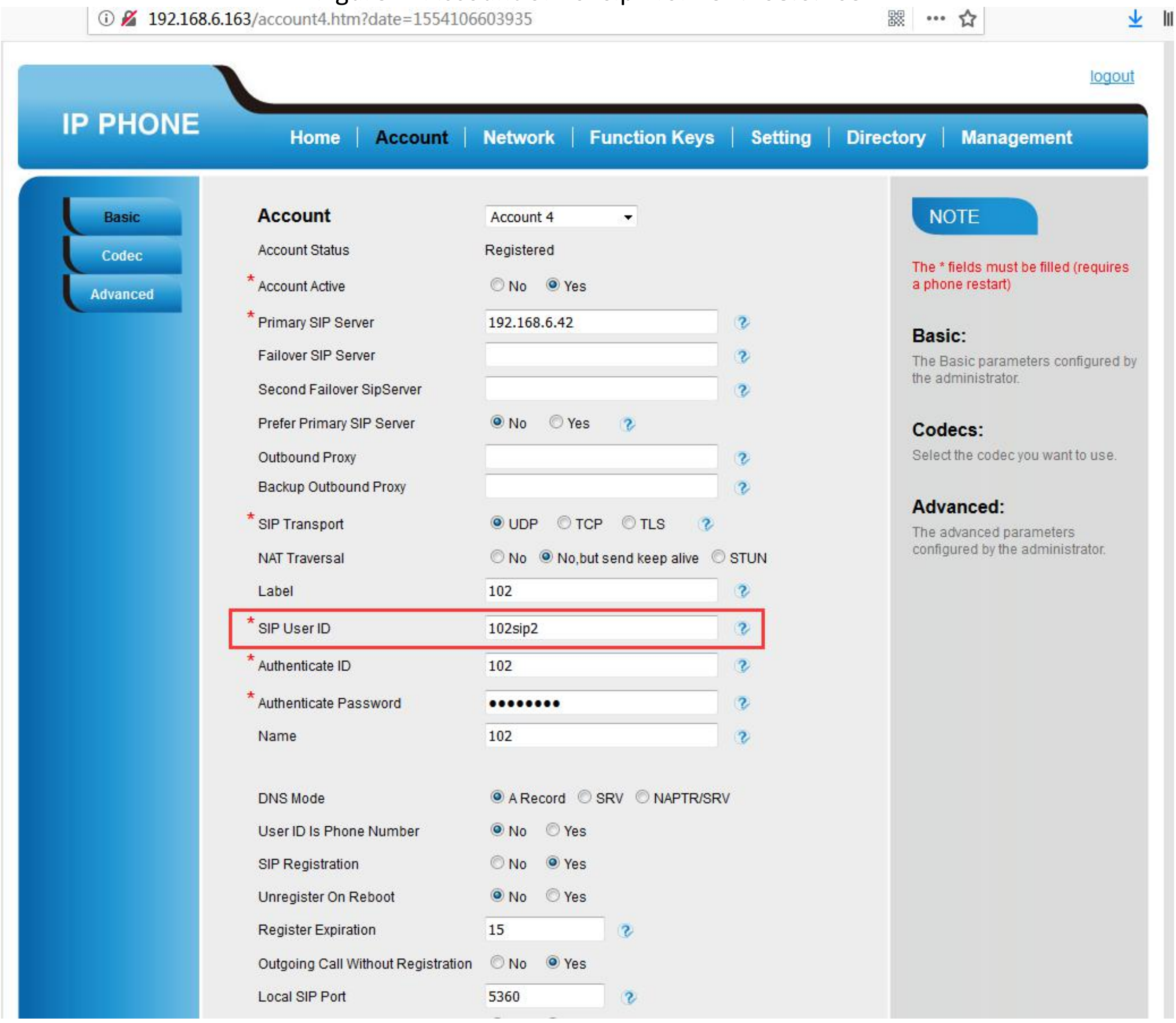
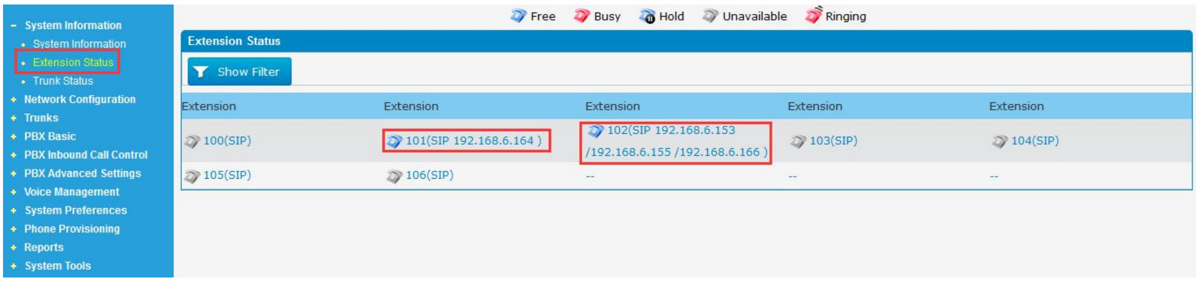


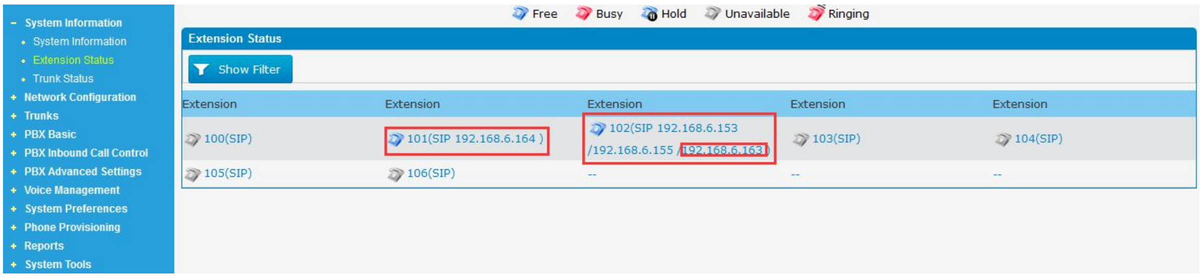
Figure -> Account of 102sip2 for 192.168.6.163



The displayed of extension status is change from:

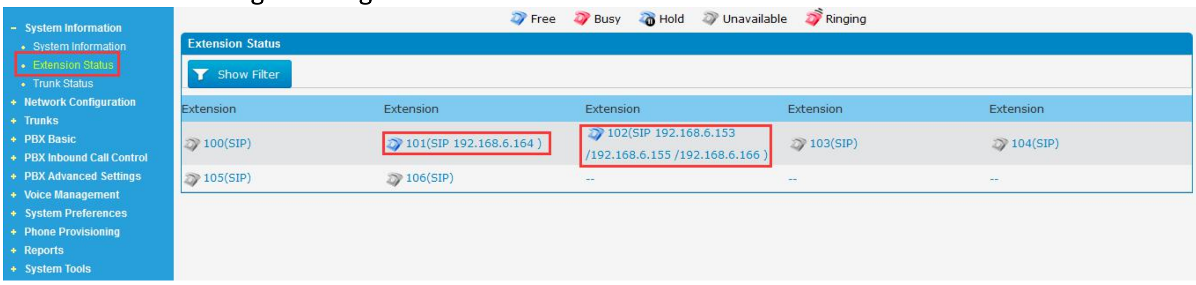


to:



<3> Registration completion diagram and dialing process.

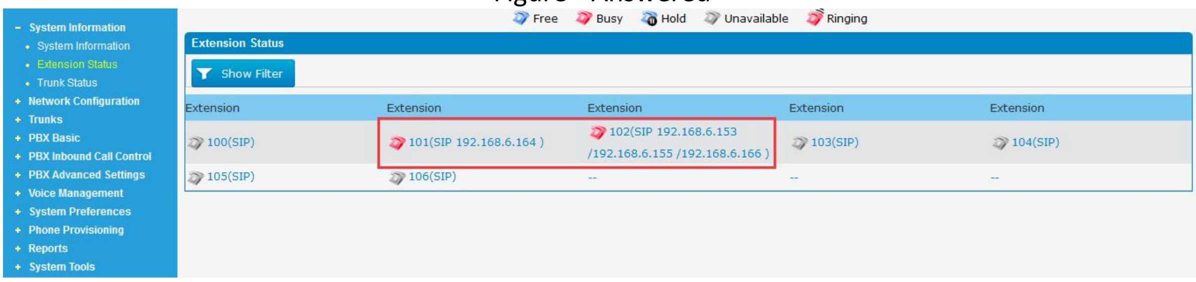
Figure->Register 101 extension and 102 extension for dial test.



101 extension dials 102 extension

Figure->Ringing

Figure->Answered

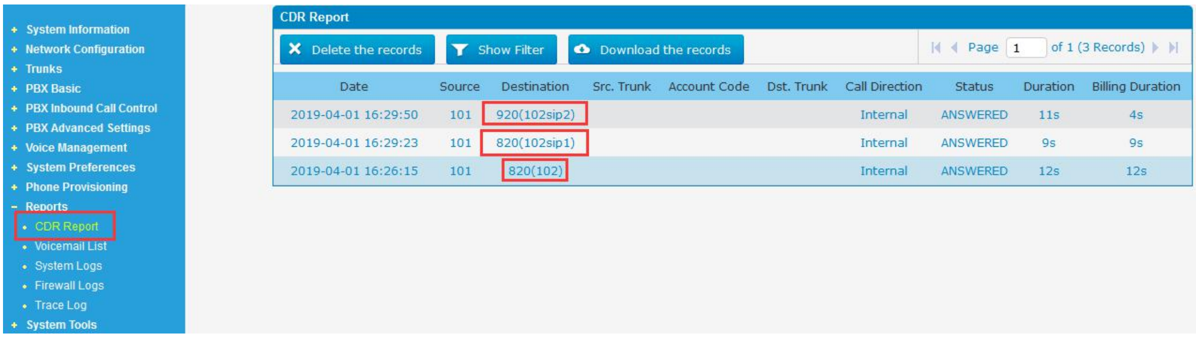


<4> Queues and RingGroups Testing

Adding extensions 102 to the Queues(820) and Ring Groups(920), and then dialing 820 and 920 through extension 101, it can be seen that the plurality of telephones registered by the extension 102 are ringing at the same time.

<5> CDR Display Situation

When the extension 101 dials 820 and 920, if any one of the plurality of telephones registered at the extension 102 is answered, the CDR Report will display the account name of the telephone.



(2) Encrypt the parameters displayed by the url path to avoid being directly modified by others.

Figure->Add User in Admin

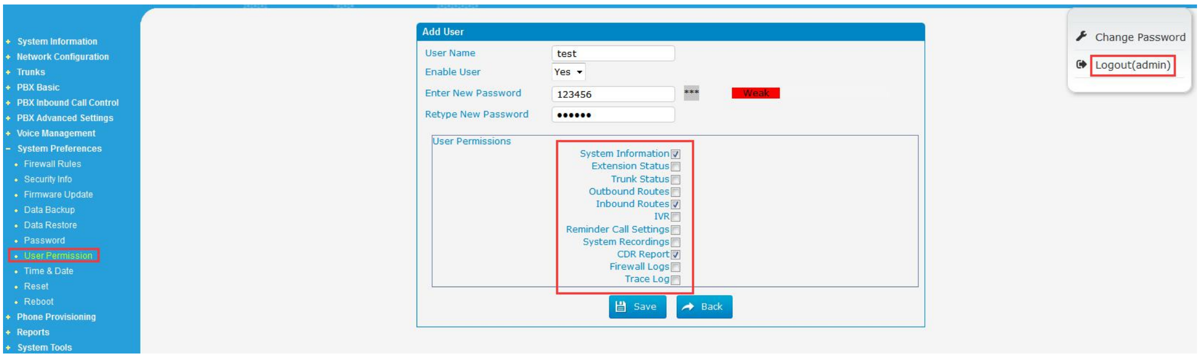


Figure->Add User in Monitor

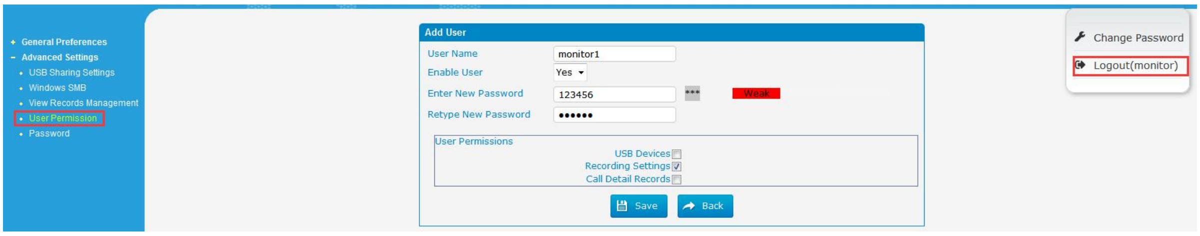


Figure->Before Encrypt

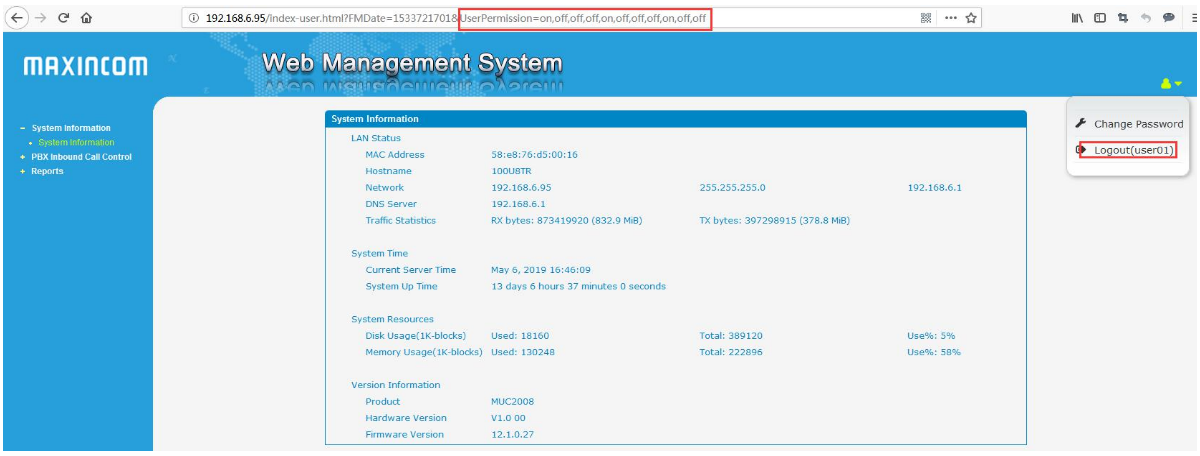
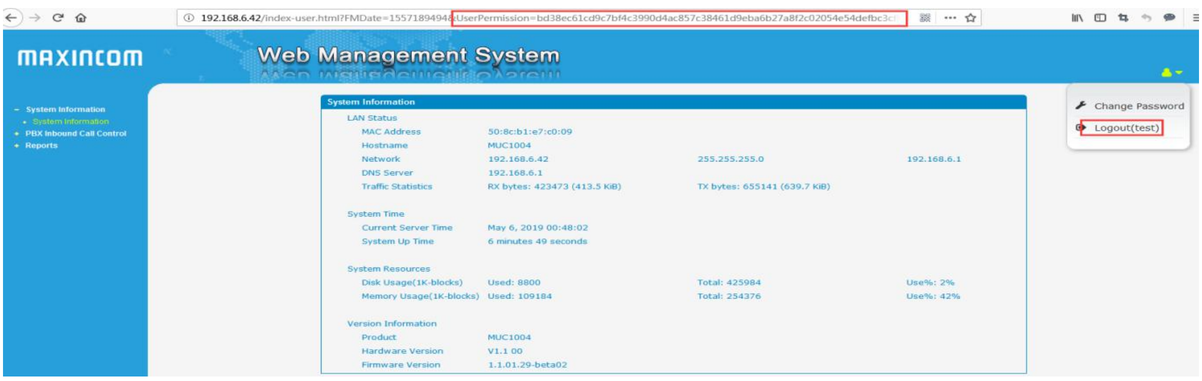


Figure->After Encrypt



6. Bug Fixes Description

(1) The user registered with Userpermission in the monitor account cannot log in

(2) Fixed the problem that the Fanvil phone failed to manually add a MAC address.

Figure->Before Fixed

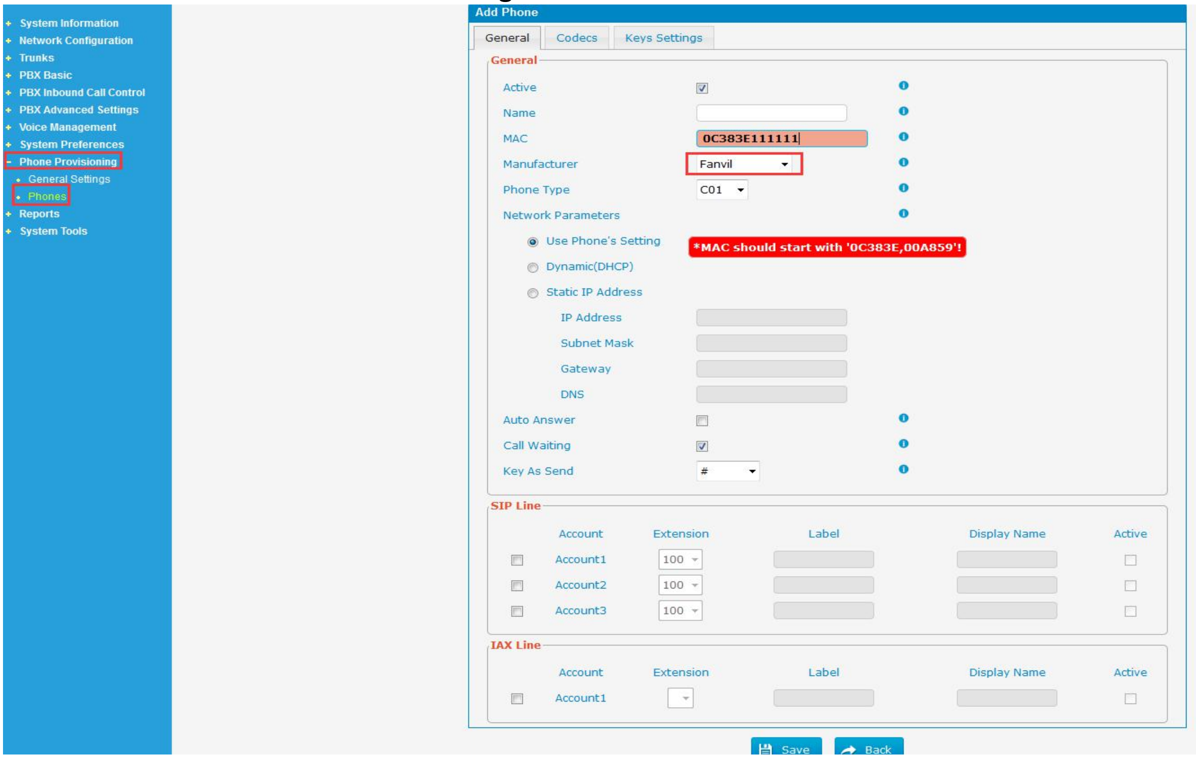
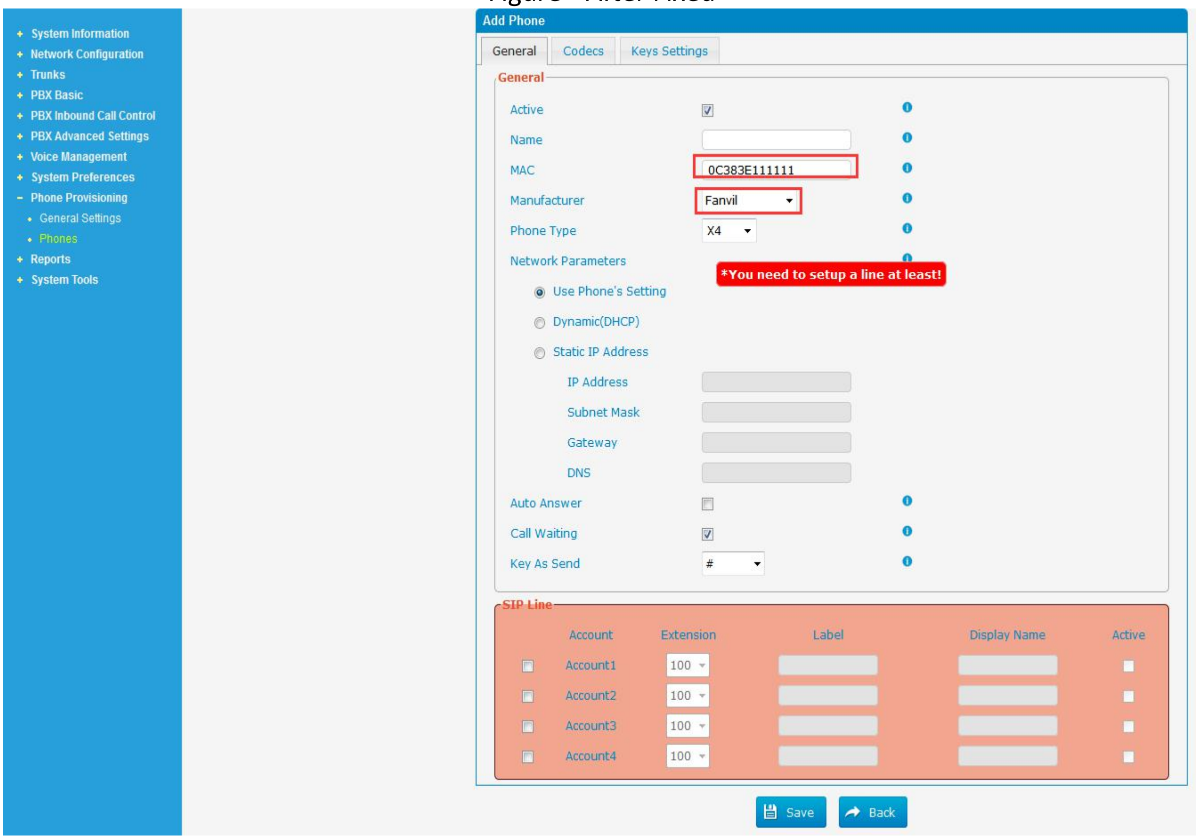


Figure->After Fixed



✧ Release Notes of Version 20/1/12/13.1.0.29

1. Introduction

(1) Firmware Version: 20.1.0.29,1.1.0.29,12.1.0.29,13.1.0.29

(2) Applicable Model:MUC1002,MUC1004,MUC2008,MUC2016

(3) Release Date: March 5, 2019

CHANGES SINCE FIRMWARE RELEASE 20/1/12/13.1.0.28-beta03

2. New Features

(1) Announcement in Paging and Intercom

3. Optimization

None

4.Bug Fixes

None

5.New Features Descriptions

(1)Announcement in Paging and Intercom

Figure->view system date

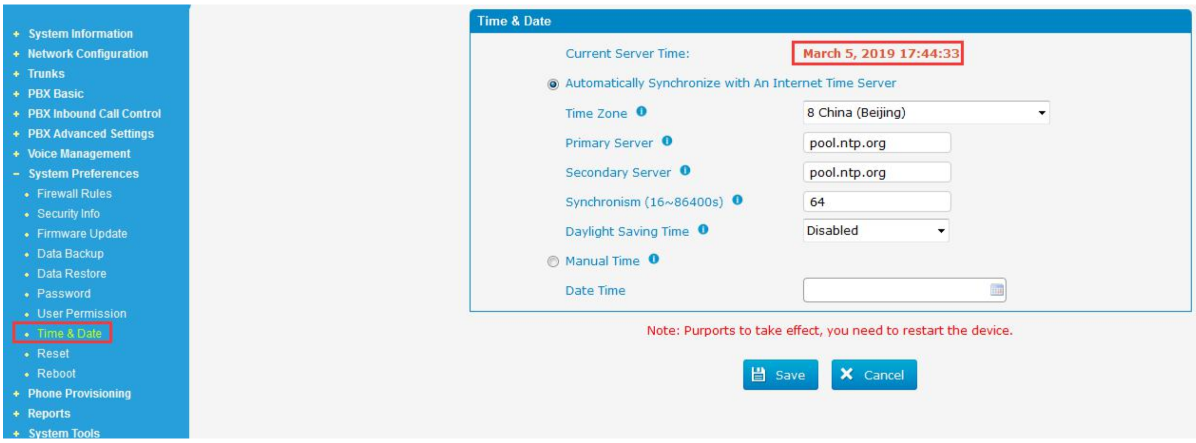


Figure->Do not enable play announcement function

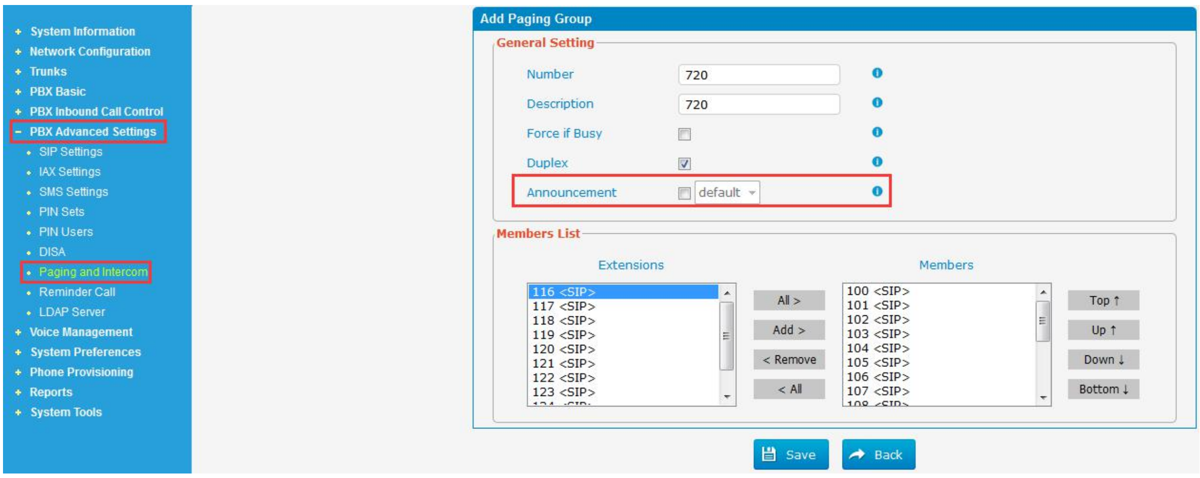


Figure-> enable play announcement function

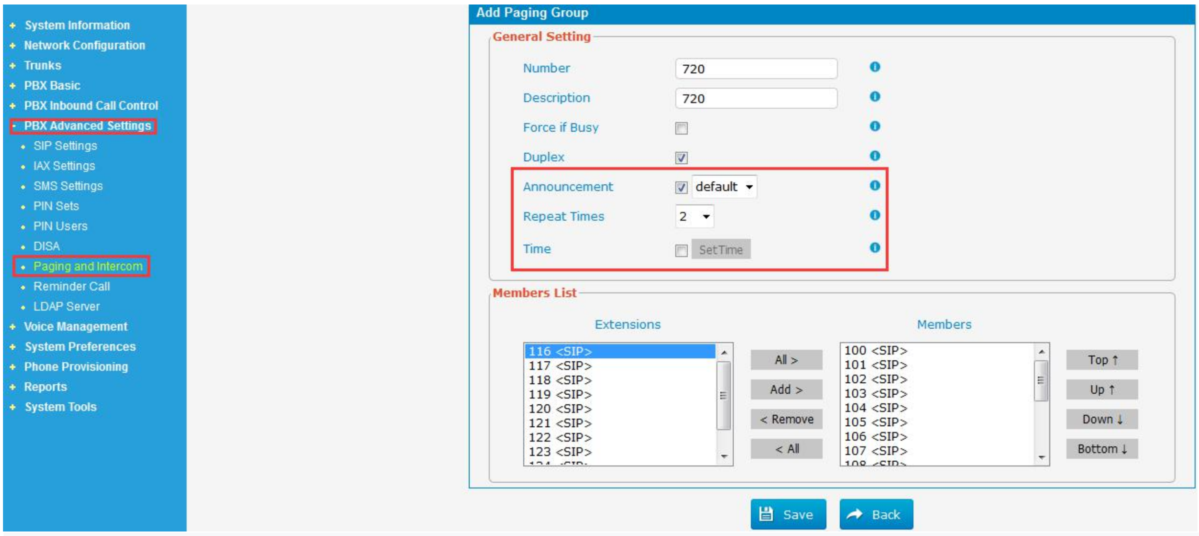


Figure->Enable auto-play announcements

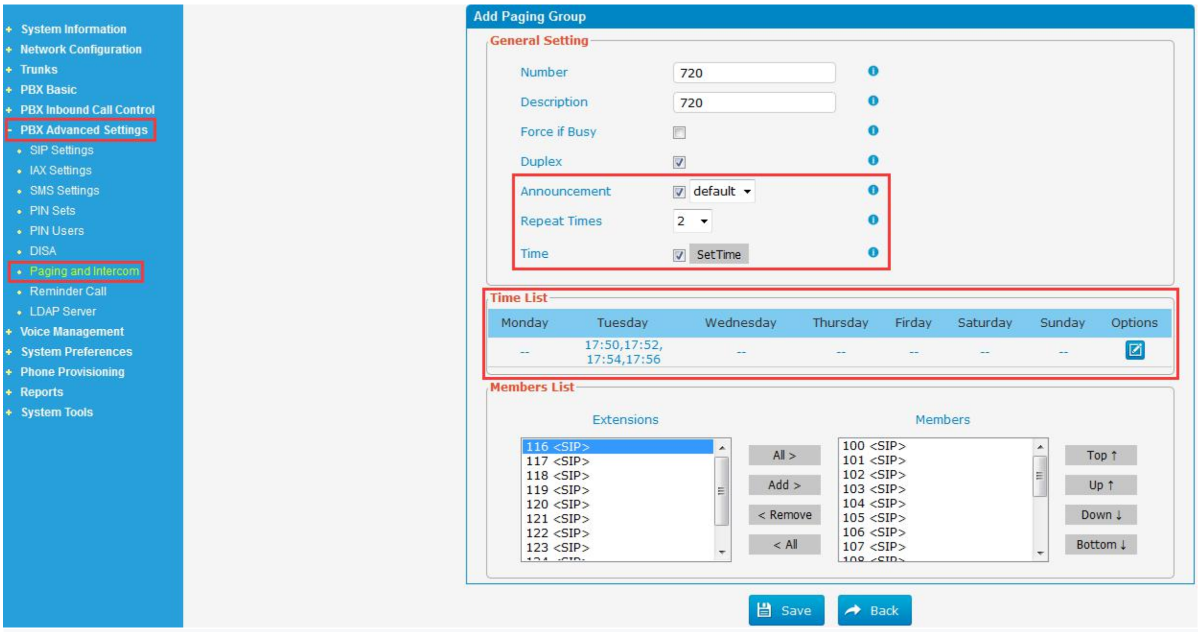
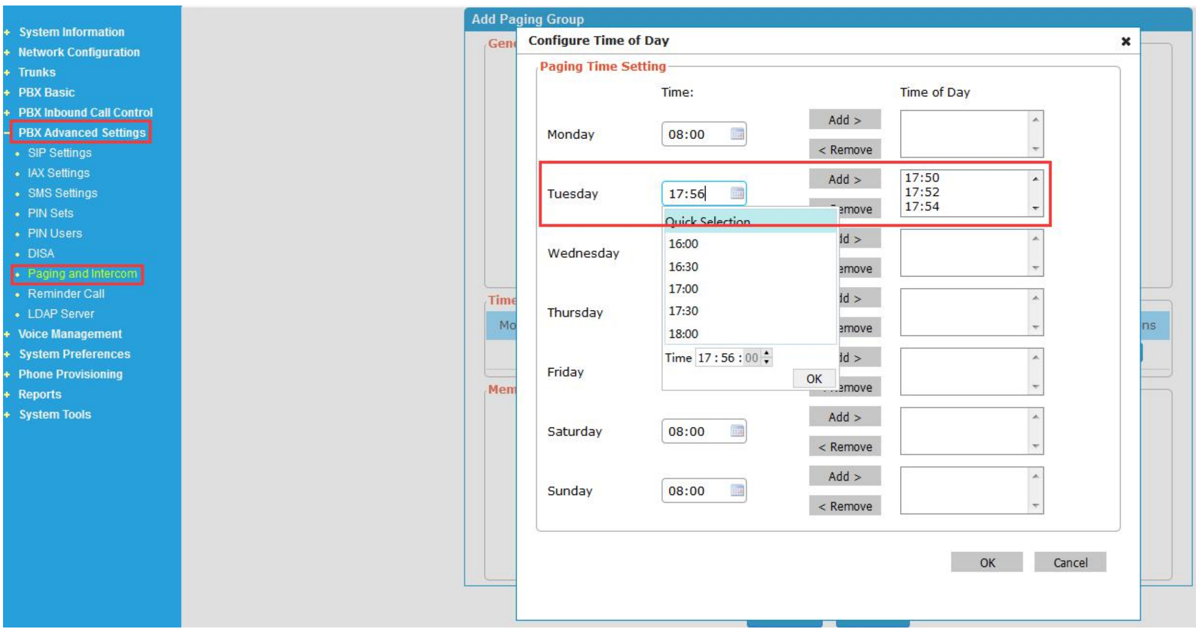


Figure->Set the specific time of the auto-play announcement



Path: PBX Advanced Settings->Paging and Intercom

Description:

Add the "Announcement" and "Repeat Times" options and update the "Time" setting. The Paging Groups feature is divided into the Enable Broadcast Announcement feature and is not enabled. Among them, the broadcast announcement function is divided into manual and automatic timing. The manual broadcast function broadcasts an announcement to the called party through the system after the calling party and the called party are connected. After the announcement is over, the calling party and the called party can make a call. If the "Duplex" option is enabled, all phones in the paging group are allowed to talk and be heard by all; if "Duplex" is not enabled, the caller can only speak, while other members can only hear and not participate in the call. The Auto play function is done by setting the time in "Time List". When system time reaches a specified point in time, all selected available extensions automatically answer and play the announcement, and then hang up automatically when the playback is complete.

NOTICE: When the timing broadcast function is enabled, the set time interval cannot be lower than the time length of the announcement. If the announcement time is 2 minutes, the timing is not allowed at 11:30 and 11:31.

Figure->MUC1004 PBX Maximum number of members in manual mode

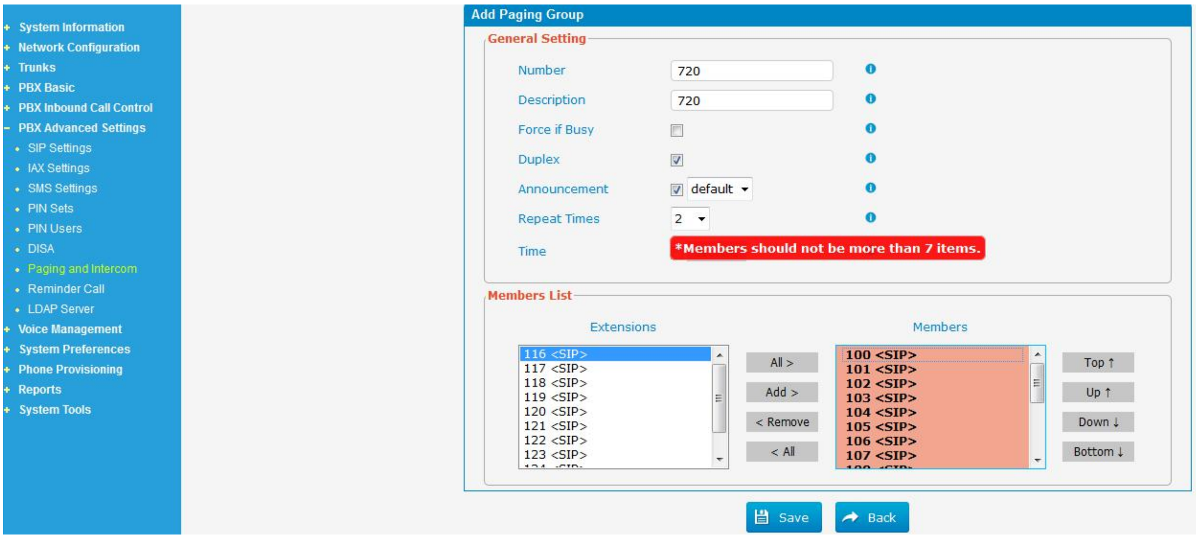


Figure->MUC1004 PBX Maximum number of members in automatic mode

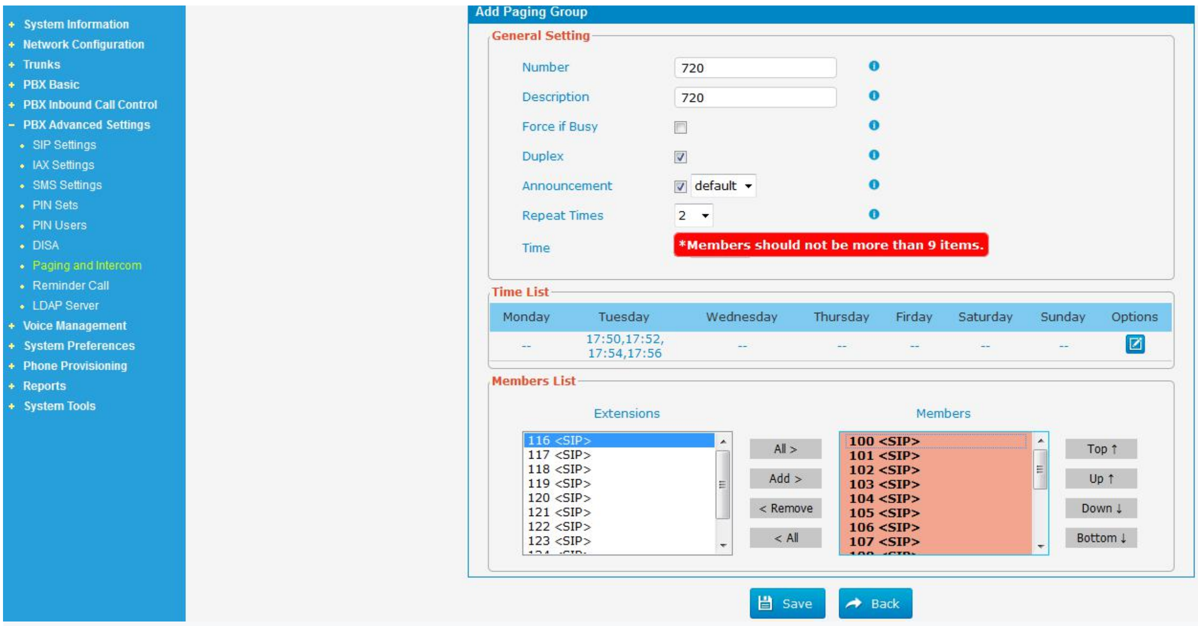
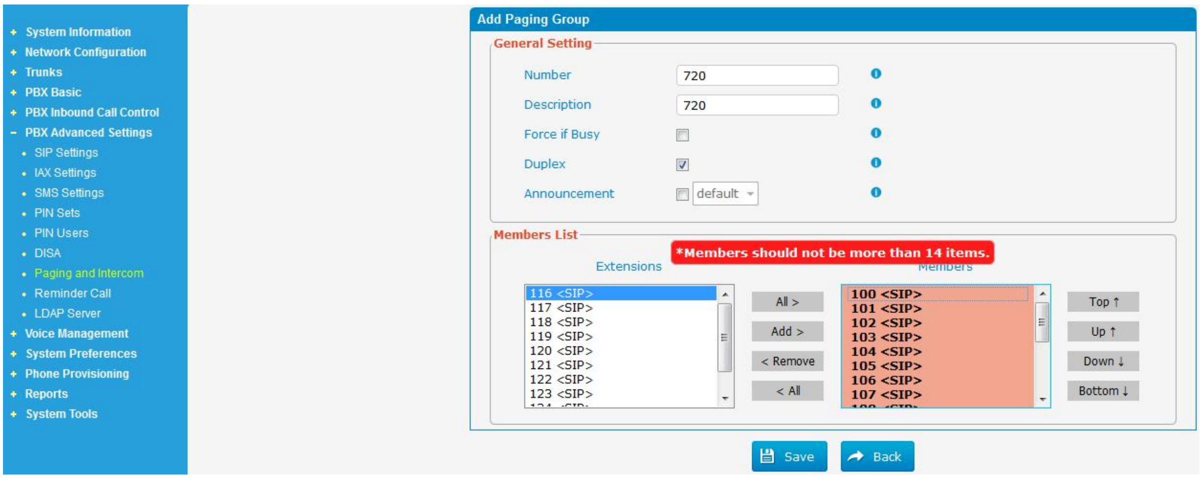


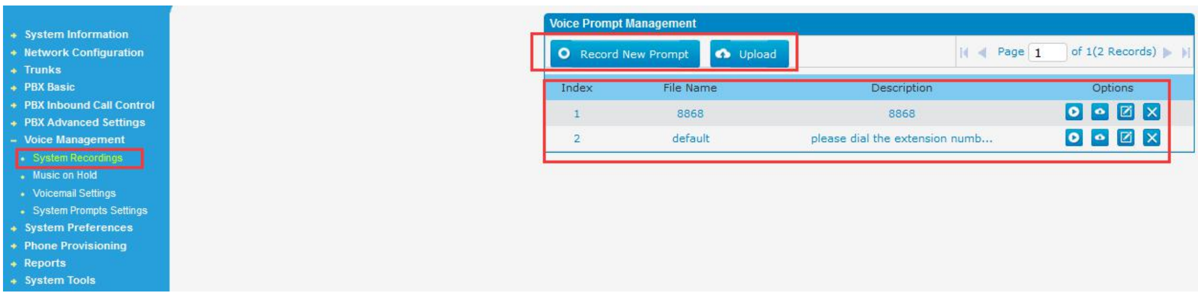
Figure->MUC1004 PBX Maximum number of members for announcement mode is not enabled



Description:

Due to IPPBX performance constraints, the maximum number of "Members" in the Paging Groups of the four types of PBX of MUC1002 / MUC1004 / MUC2008 / MUC2016 is different. As shown in the figure above, the maximum number of members for MUC1004 automatic mode is 9, the maximum number for manual mode is 7, and the maximum number for unenabled announcement mode is 14. At the same time, the maximum number of members of MUC1002 automatic mode is 5, that of manual mode is 4, and the maximum number of members of unenabled announcement mode is 9. The maximum number of members in MUC2008 auto mode is 20, the maximum number of members in manual mode is 15, the maximum number of members unenabled announcement mode is 30. The maximum number of members in Muc2016 auto mode is 30, and the maximum number of members in manual mode is 24. the maximum number for unenabled announcement mode is 49. When a member exceeds the maximum limit, one or more extensions fail to hang up. To avoid this, it is recommended that the number of registered members should not exceed the smaller value in manual and automatic mode, or disable "Set Time" before using manual mode. If there is a failure to hang up, you need to restart PBX.

Figure->Announcement content recording and uploading



Path: Voice Management->System Recordings

Description: Announcements can be recorded via the Record new Prompt button or uploaded via the Upload button. The announcement file format must be a gsm file.

6.Bug Fixes Description

none

✧ Release Notes of Version 20/1/12/13.1.0.28-beta03

1. Introduction

(1) Firmware Version:
20.1.0.28-beta03,1.1.0.28-beta03,12.1.0.28-beta03,13.1.0.28-beta03

(2) Applicable Model:MUC1002,MUC1004,MUC2008,MUC2016

(3) Release Date: January 18, 2019

CHANGES SINCE FIRMWARE RELEASE 20/1/12/13.1.0.28-beta02

2. New Features

None

3. Optimization

None

4. Bug Fixes

(1)PBX Advanced Settings->SIP Settings: After the Local Network is saved, some data is lost.

5. New Features Descriptions

None

6. Bug Fixes Description

(1)PBX Advanced Settings->SIP Settings: After the Local Network is saved, some data is lost.

Figure->Before fixed the bug

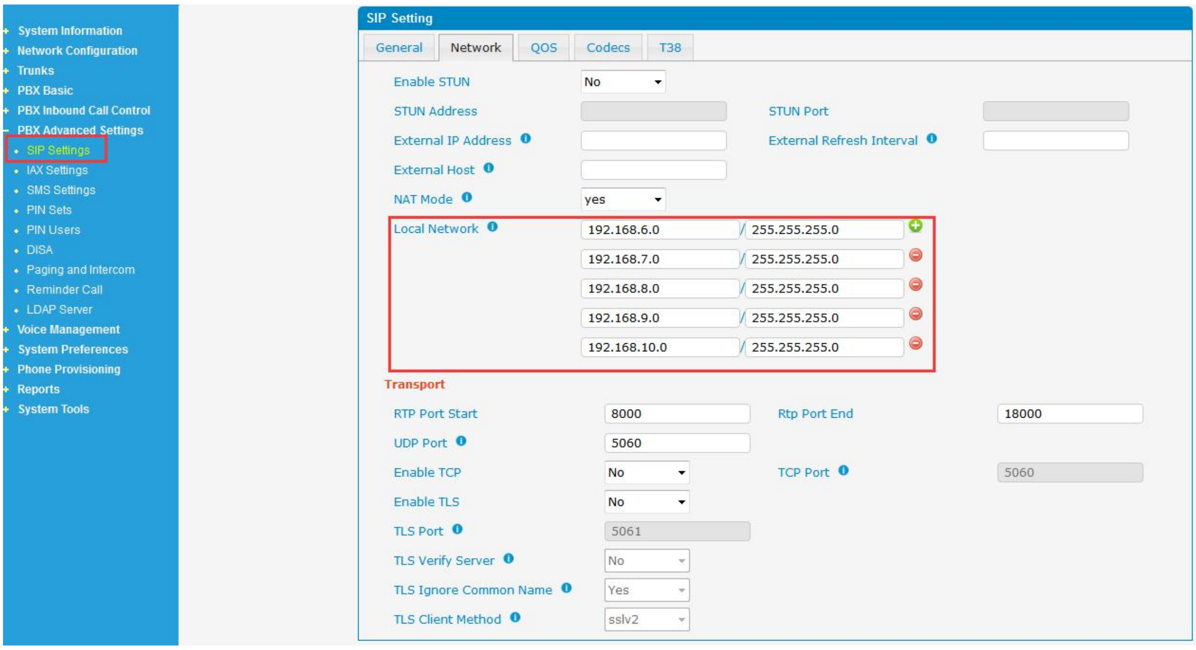


Figure-> Saved before fixed the bug

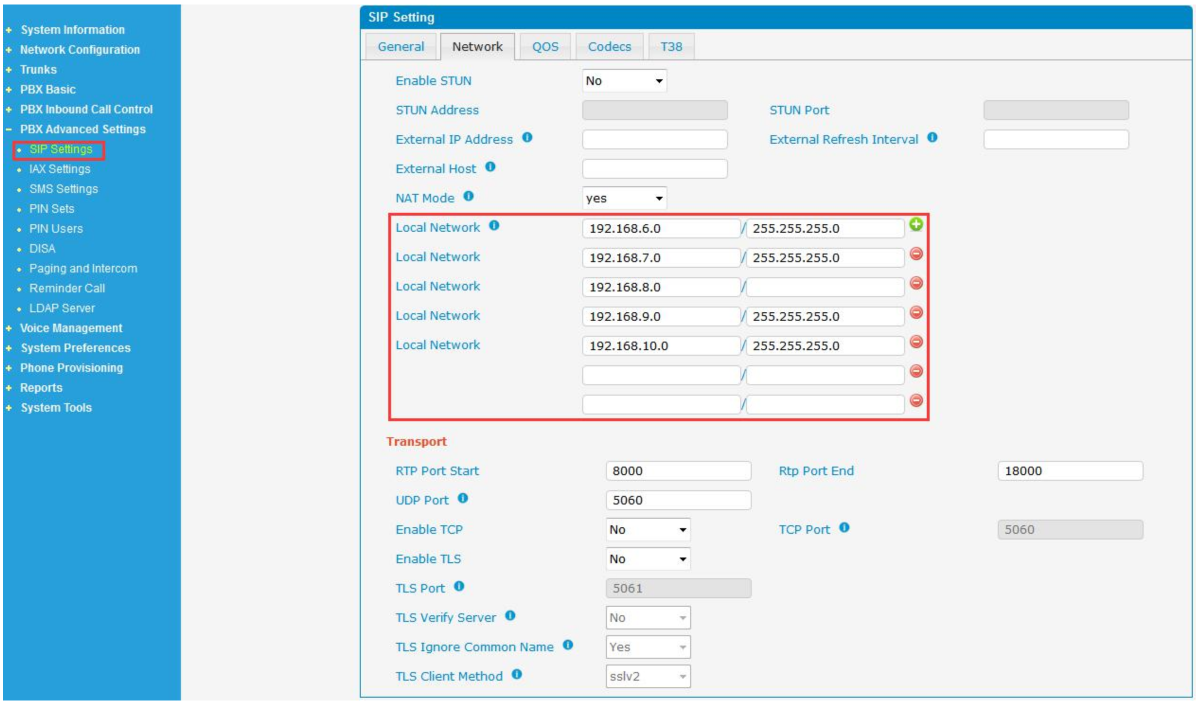


Figure-> Saved after fixed the bug

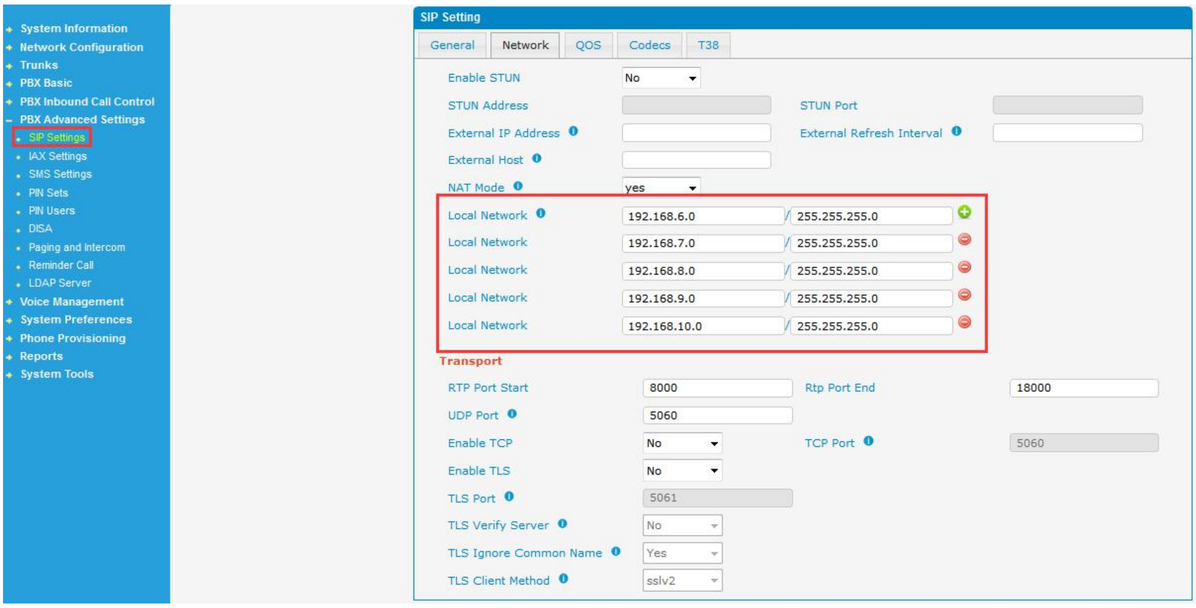
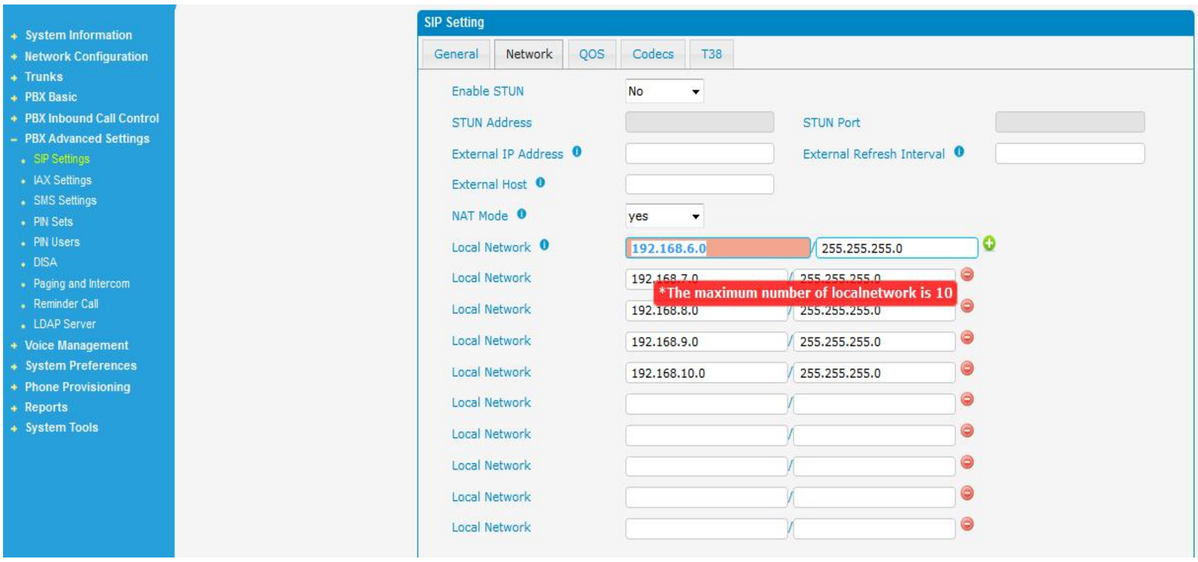


Figure->The maximum number of additions is limited to 10



Path: PBX Advanced Settings->SIP Settings

Description: Before the bug is fixed, when the Local Network is saved, some data is lost. After the bug is fixed, the data will not be deleted, and the maximum number of additions is limited to 10.

✧ Release Notes of Version 20/1/12/13.1.0.28-beta02

1. Introduction

(1) Firmware Version:
20.1.0.28-beta02,1.1.0.28-beta02,12.1.0.28-beta02,13.1.0.28-beta02

(2) Applicable Model:MUC1002,MUC1004,MUC2008,MUC2016

(3) Release Date: December 12, 2018

CHANGES SINCE FIRMWARE RELEASE 20/1/12/13.1.0.28-beta01

2. New Features

(1) Added “Voicemail List” on “Reports”

3. Optimization

(1) Optimized thesave of special destination in Inbound Route.

4. Bug Fixes

5. New Features Descriptions

(1) Added “Voicemail List” on “Reports”

Figure->Voicemail List in Admin

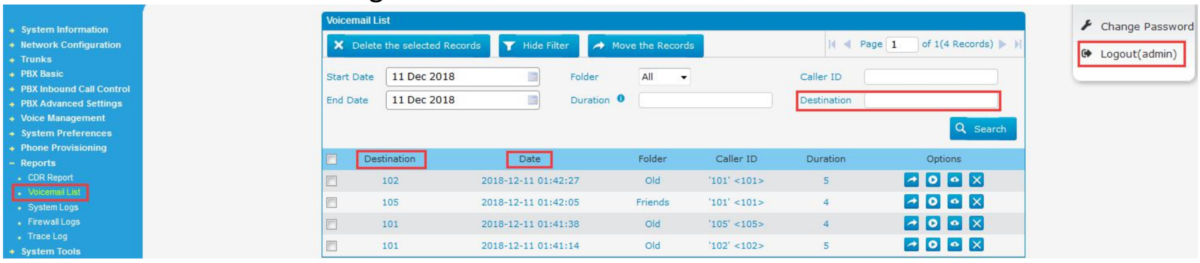
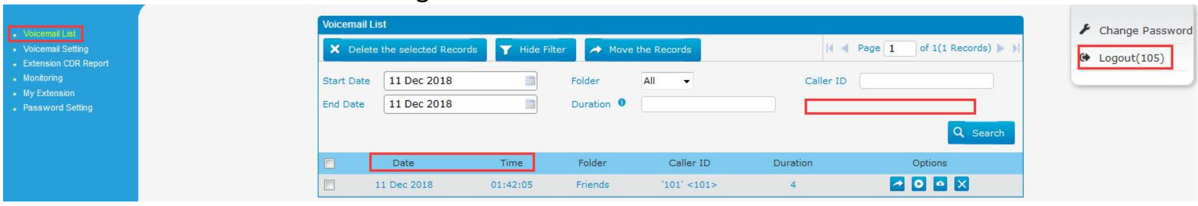


Figure->Voicemail List In Extension



Path: Reports->Voicemail List
Description: Integrate the voicemail records of each extension into the Admin interface for unified processing. In the Admin page,
(1) Add Destination to distinguish each extension.
(2) To integrate date and time together, easy to sort by time.
(3) Add destination in the Filter.

6. Optimization Description

Figure->Special Time List is empty

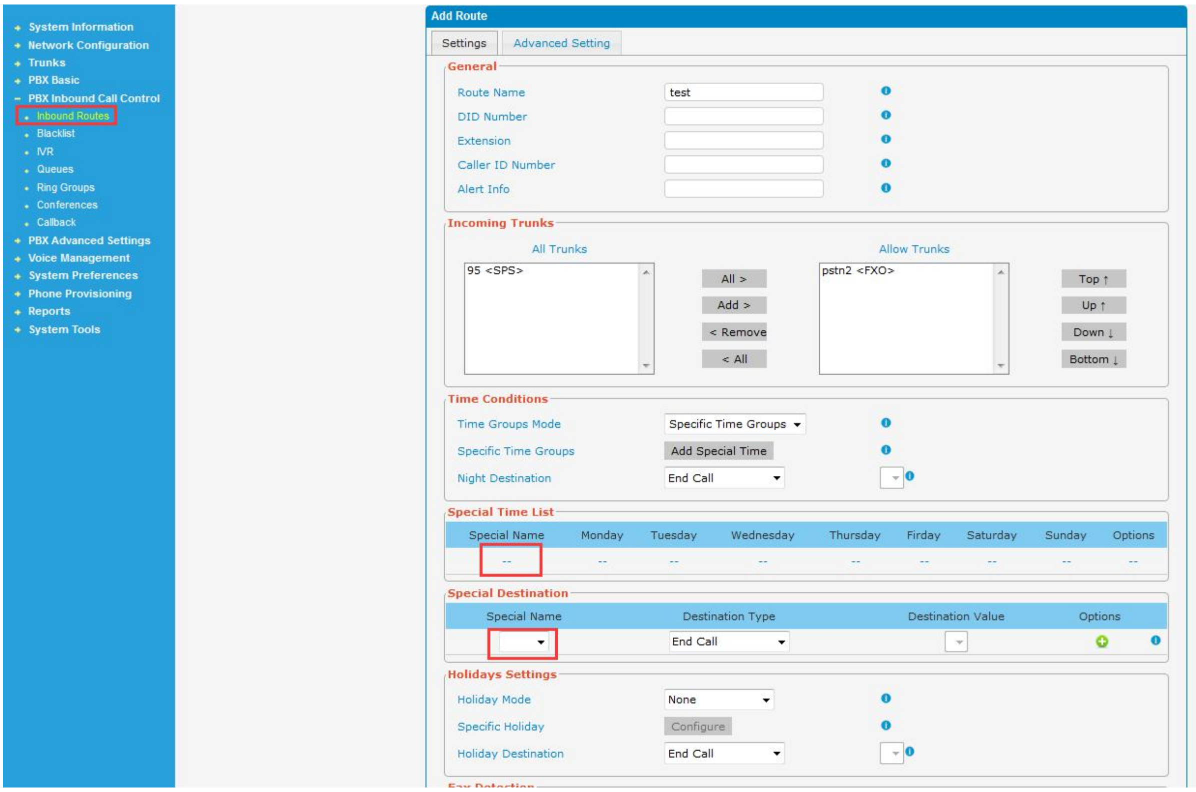
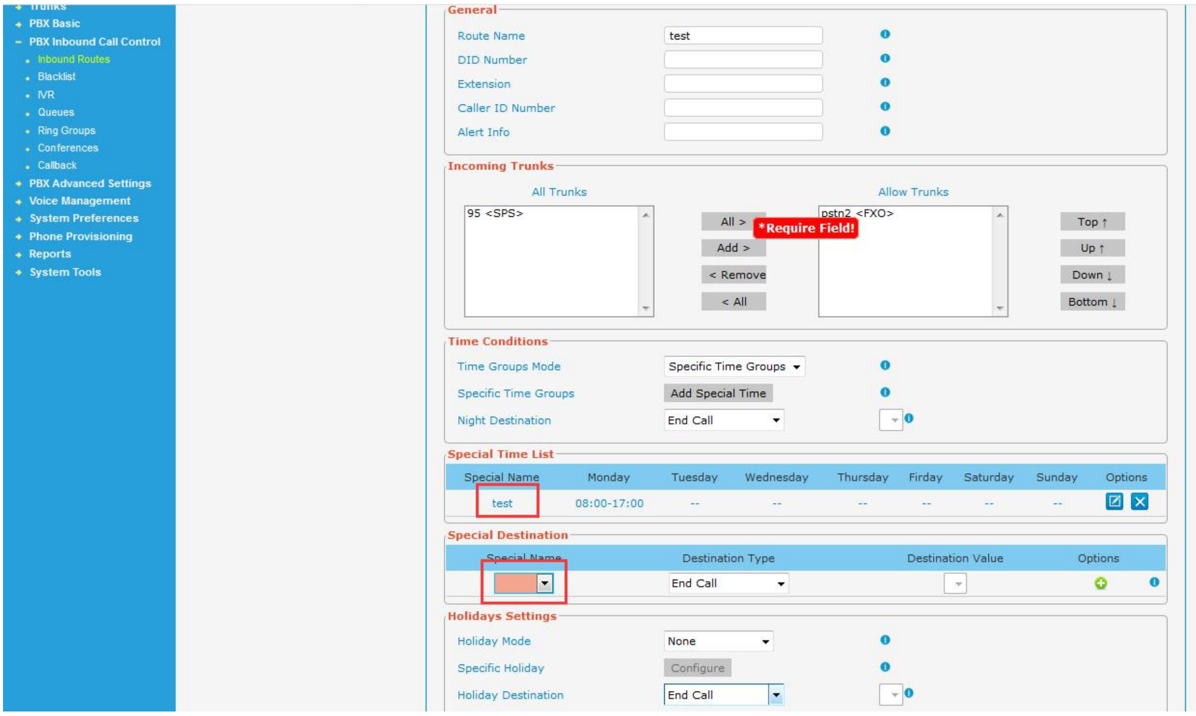


Figure->Special Time List isn’t empty



Path: PBX Inbound Call Control->Inbound Routes

Description: When the Special Time List and Special Destination are both empty, clicking Save will not prompt an error. When the Special Time List is not empty and the Special Destination is empty, clicking Save will prompt an error.

✧ Release Notes of Version 20/1/12/13.1.0.28-beta01

1. Introduction

(1) Firmware Version:
20.1.0.28-beta01,1.1.0.28-beta01,12.1.0.28-beta01,13.1.0.28-beta01

(2) Applicable Model:MUC1002,MUC1004,MUC2008,MUC2016

(3) Release Date: November 9, 2018

CHANGES SINCE FIRMWARE RELEASE 20/1/12/13.1.0.28

2. New Features

(1) Added “Special Time Groups” on “Inbound Routes”

3. Optimization

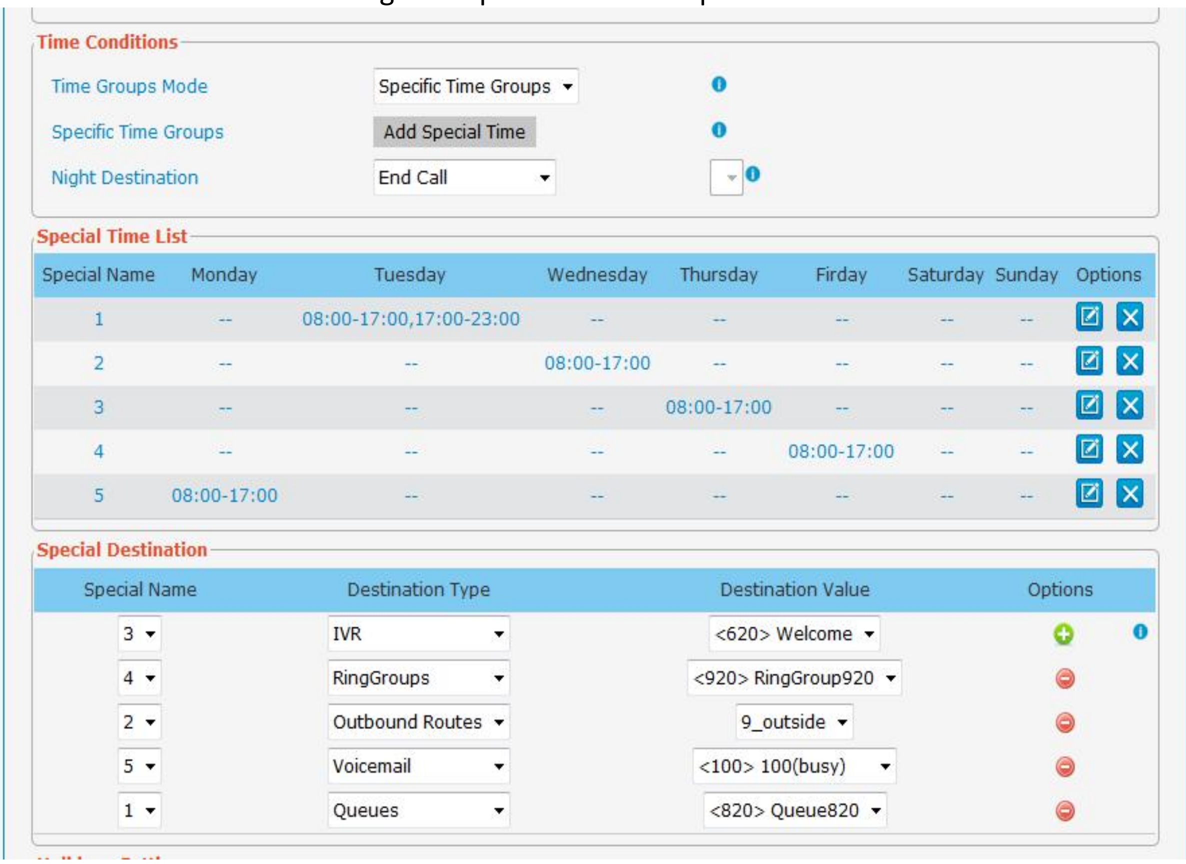
(1) Optimized the display of outbound CID in cdr report source

4. Bug Fixes

5. New Features Descriptions

(1) Added “Special Time Groups”on“Inbound Routes”

Figure->Special Time Groups



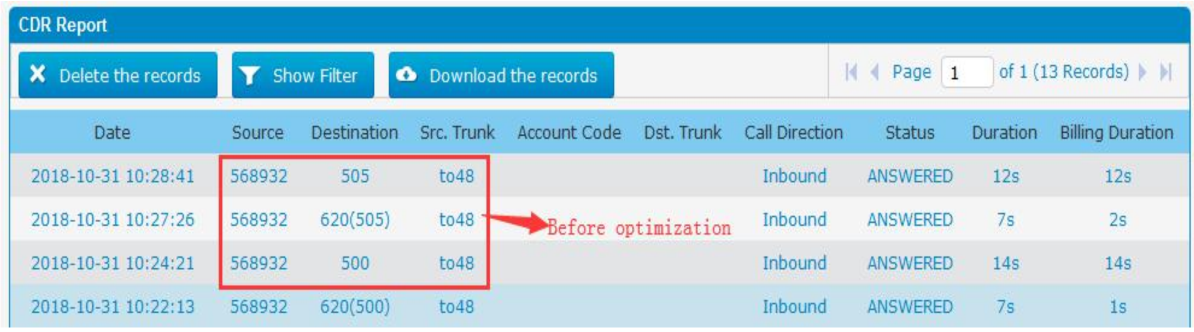
Path: PBX Inbound Call Control->Inbound Routes-->Add Route(Edit Route)

Description: You can route calls to different destination at different times. Calls that do not match the time periods will be routed to Other Time destination. If all the set time periods do not match, they will be transferred to Night Destination.

6. Optimization Description

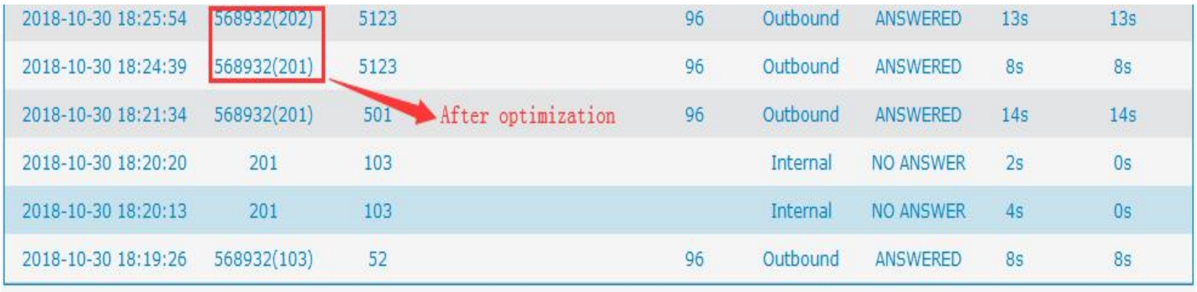
(1) Optimized the display of outbound CID in cdr report source

Figure->Before optimization



Date	Source	Destination	Src. Trunk	Account Code	Dst. Trunk	Call Direction	Status	Duration	Billing Duration
2018-10-31 10:28:41	568932	505	to48			Inbound	ANSWERED	12s	12s
2018-10-31 10:27:26	568932	620(505)	to48			Inbound	ANSWERED	7s	2s
2018-10-31 10:24:21	568932	500	to48			Inbound	ANSWERED	14s	14s
2018-10-31 10:22:13	568932	620(500)	to48			Inbound	ANSWERED	7s	1s

Figure->After optimization



2018-10-30 18:25:54	568932(202)	5123			96	Outbound	ANSWERED	13s	13s
2018-10-30 18:24:39	568932(201)	5123			96	Outbound	ANSWERED	8s	8s
2018-10-30 18:21:34	568932(201)	501			96	Outbound	ANSWERED	14s	14s
2018-10-30 18:20:20	201	103				Internal	NO ANSWER	2s	0s
2018-10-30 18:20:13	201	103				Internal	NO ANSWER	4s	0s
2018-10-30 18:19:26	568932(103)	52			96	Outbound	ANSWERED	8s	8s

Path: Reports->CDR Reports

Description: The number(568932) is CID number of Outbound Route. The number(202 and 201) is Calling number. The optimized CID number will be accompanied by the calling number.

✧ Release Notes of Version 20/1/12/13.1.0.28

1. Introduction

(1) Firmware Version: 20.1.0.28,1.1.0.28, 12.1.0.28,13.1.0.28

(2) Applicable Model:MUC1002,MUC1004,MUC2008,MUC2016

(3) Release Date: October 29, 2018

CHANGES SINCE FIRMWARE RELEASE 1/12/13.1.0.27

2. New Features

(1) Add X series phone of Fanvil.

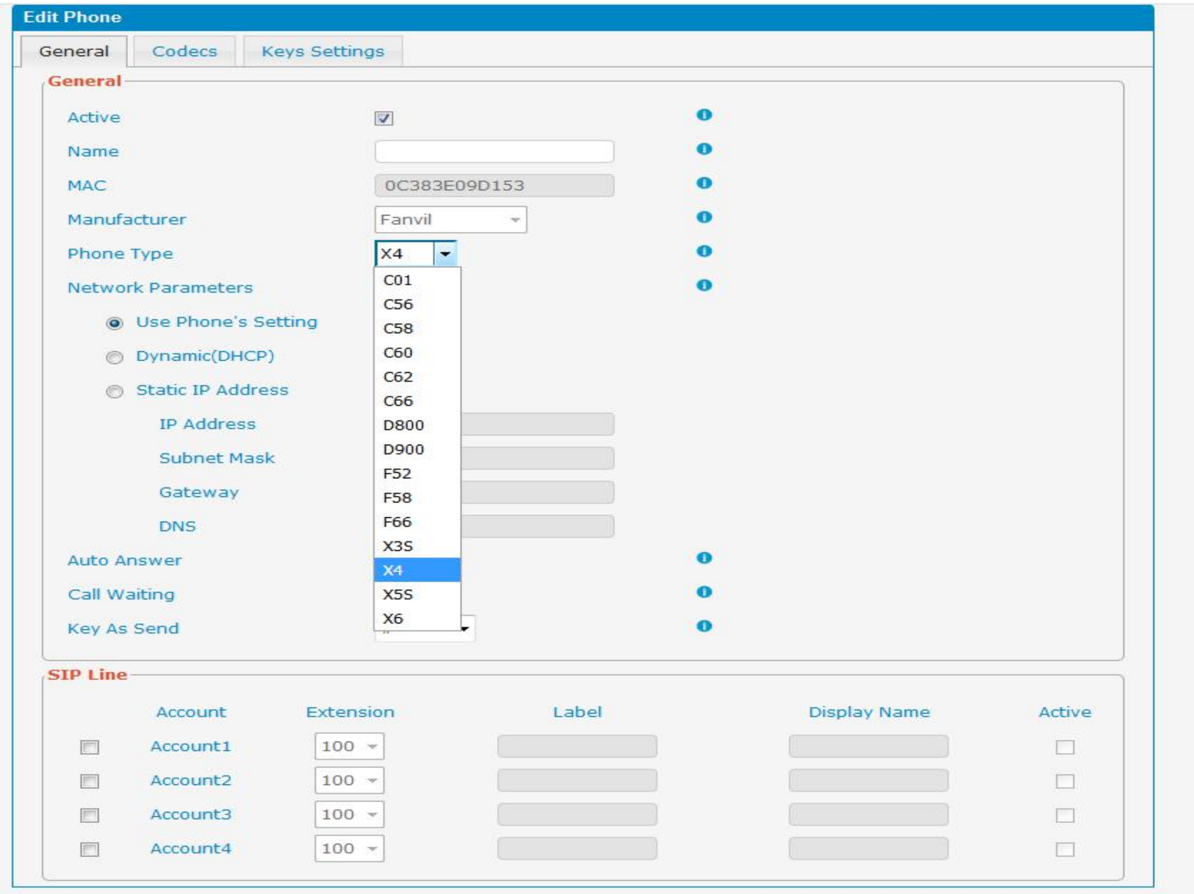
3. Optimization

4. Bug Fixes

5. New Features Descriptions

(1) Add X series phone of Fanvil.

Figure1->Web edit phone



Path: Phone Provisioning -->Phones

Description: The new X-series fanvil phones are modeled as 'X3S', 'X4', 'X5S' and 'X6'. X3S has 2 SIP Lines, 2 DSS Keys; X4 has 4 SIP Lines, 30 DSS Keys; X5 has 6 SIP Lines, 40 DSS Keys; X6 has 6 SIP Lines and 60 DSS Keys.

Figure2->New items about Type

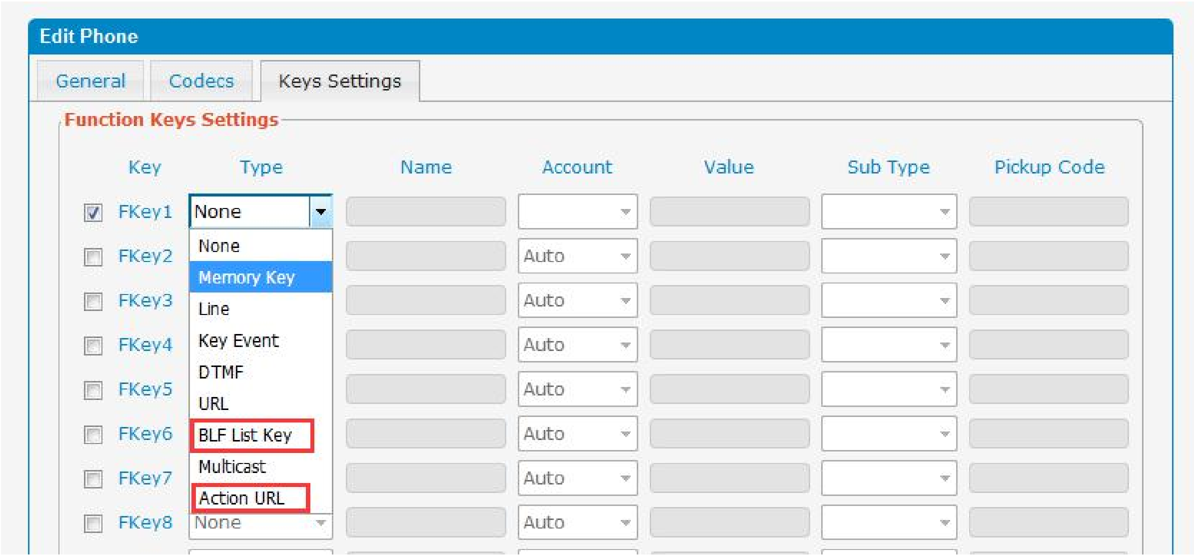


Figure2:Added BLF List Key and Action URL

Figure3->New items about Sub Type of Memory Key

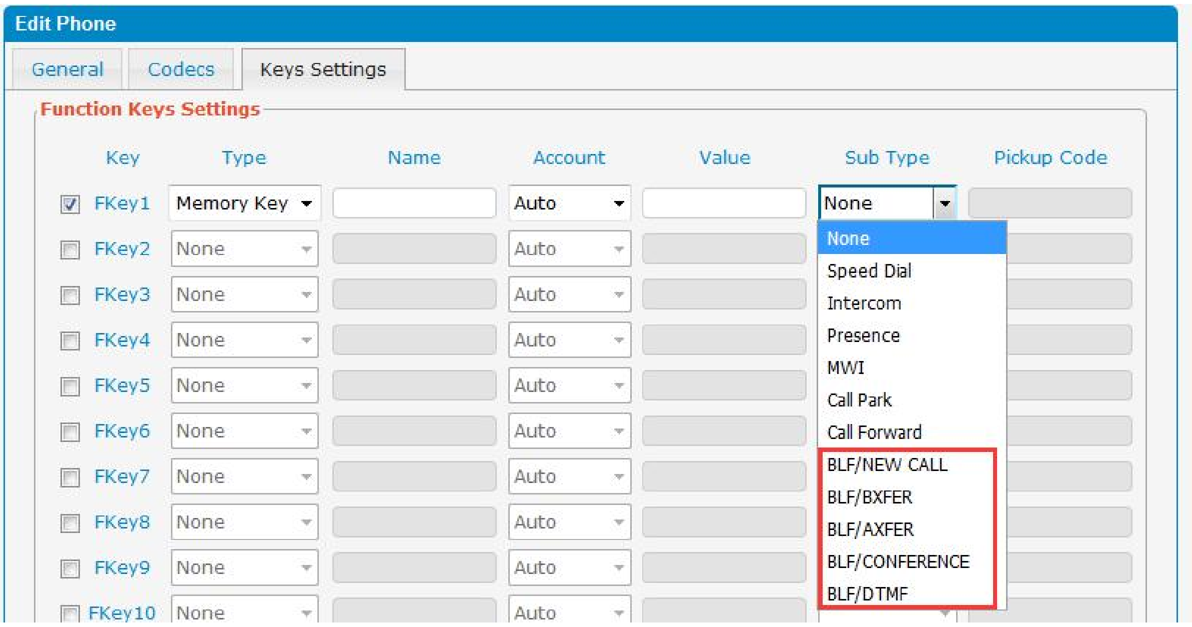


Figure3:Replace the original BLF with BLF/NEW CALL, BLF/BXFER, BLF/AXFER, BLF/CONFERENCE and BLF/DTMF in Memory Key

Figure4->New items about Sub Type Key Event

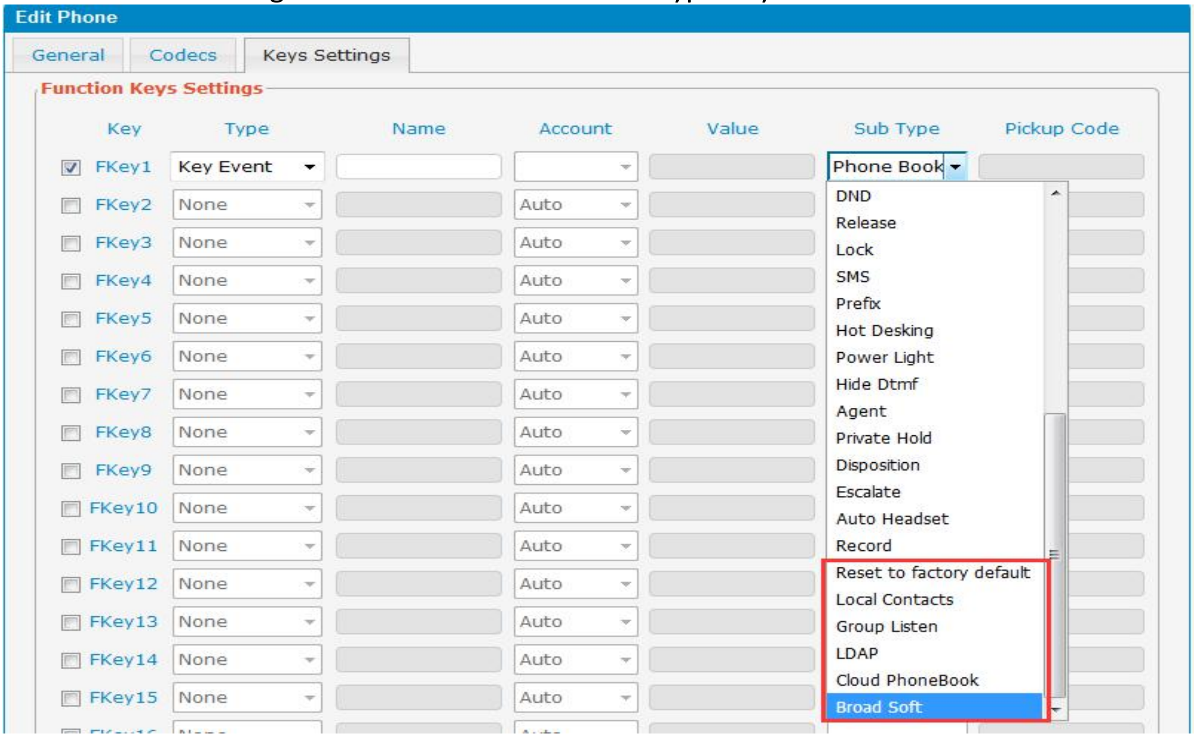


Figure4:New options such as Reset to factory default in Key Event

✧ Release Notes of Version 1/12/13.1.0.27

1. Introduction

(1) Firmware Version: 1.1.0.27, 12.1.0.27,13.1.0.27

(2) Applicable Model:MUC1004,MUC2008,MUC2016

(3) Release Date: August9,2018

CHANGES SINCE FIRMWARE RELEASE 1/12/13.1.0.22

2. New Features

(1) Added Portuguese (Brazil customer).

(2) Added “VPN Server” on “Network Configuration”

(3) Added “VPN Client” on “Network Configuration”

(4) Increase the Time Zone configuration of the Htek phone Phone Prov

(5) Added “LDAP Server” on “PBX Advanced Settings”

(6) Added “operator” on “Voice Management->Voicemail Settings”

(7) Added “User Permission” on “monitor->Advanced Settings”

(8) Added “Callback When Busy”

(9) Added “Three-way Conferences”

(10) Added “Import and Export” on “admin -> PBX Basic->Extensions”

3. Optimization

4. Bug Fixes

(1) Fix the first GSM trunk in the outgoing route is in the call, the second call out cannot pass the next trunk error

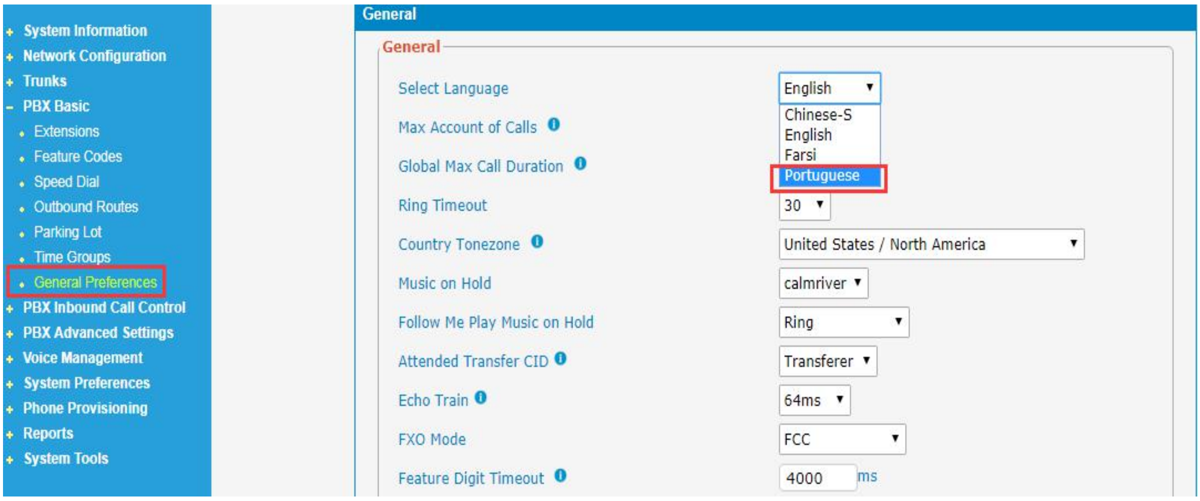
(2) Queue password limit adjustment

5. New Features Descriptions

(1) Added Portuguese (Brazil customer).

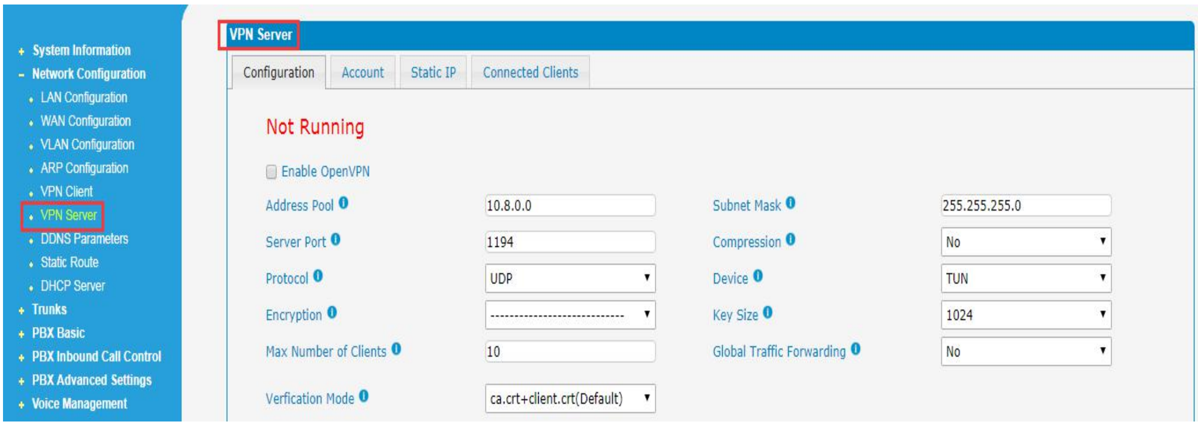
Path: PBX Basic -->General Settings

Figure-Portuguese



(2) Added "VPN Server" on "Network Configuration"

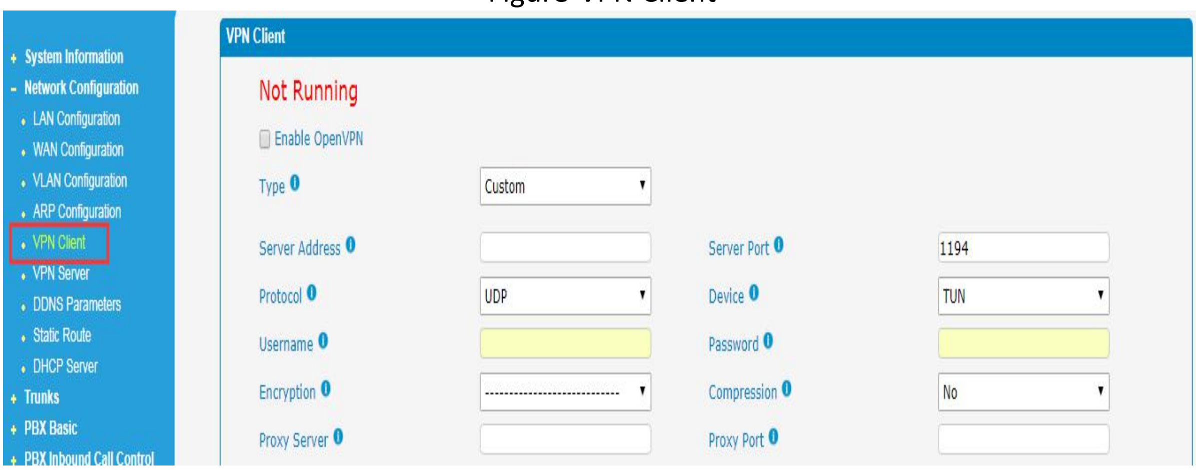
Figure-VPN Server



Path: Network Configuration-->VPN Server

(3) Added "VPN Client" on "Network Configuration"

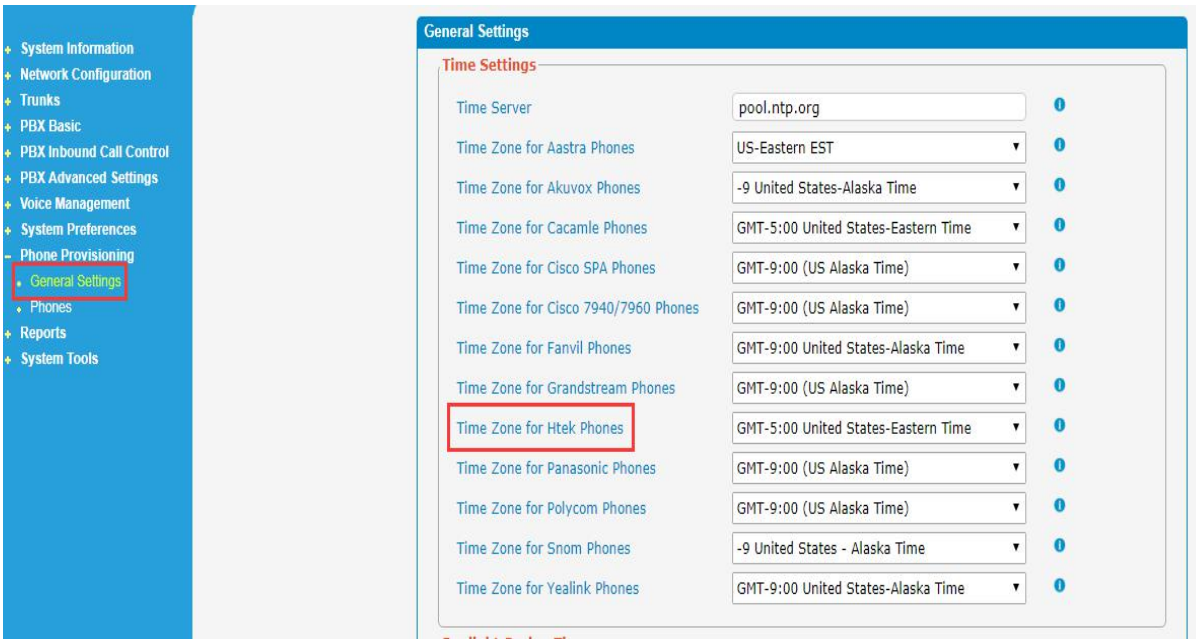
Figure-VPN Client



Path: Network Configuration -->VPN Client

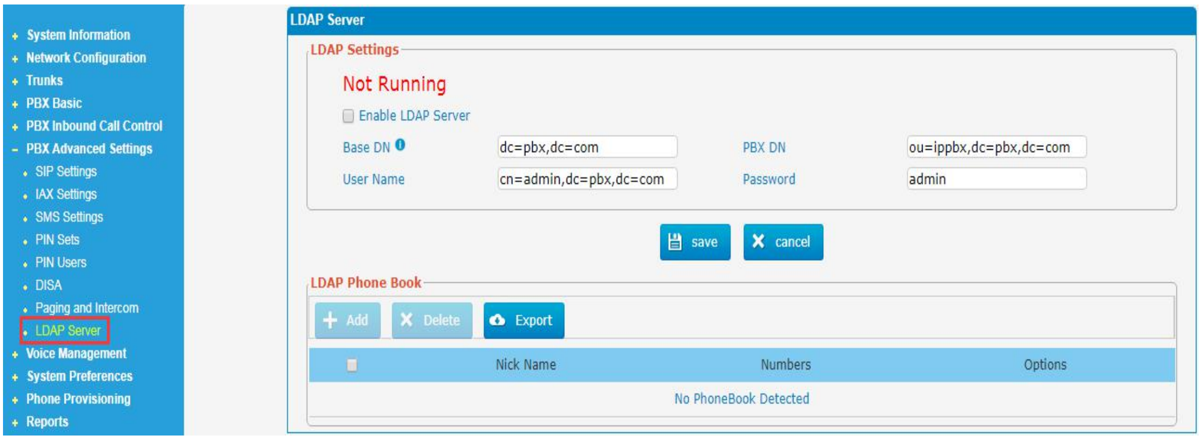
(4) Increase the Time Zone configuration of the Htek phone PhoneProv

Figure-->Time zone



(5) Added "LDAP Server" on "PBX Advanced Settings"

Figure-LDAP Server



Path: PBX Advanced Settings->LDAP Server

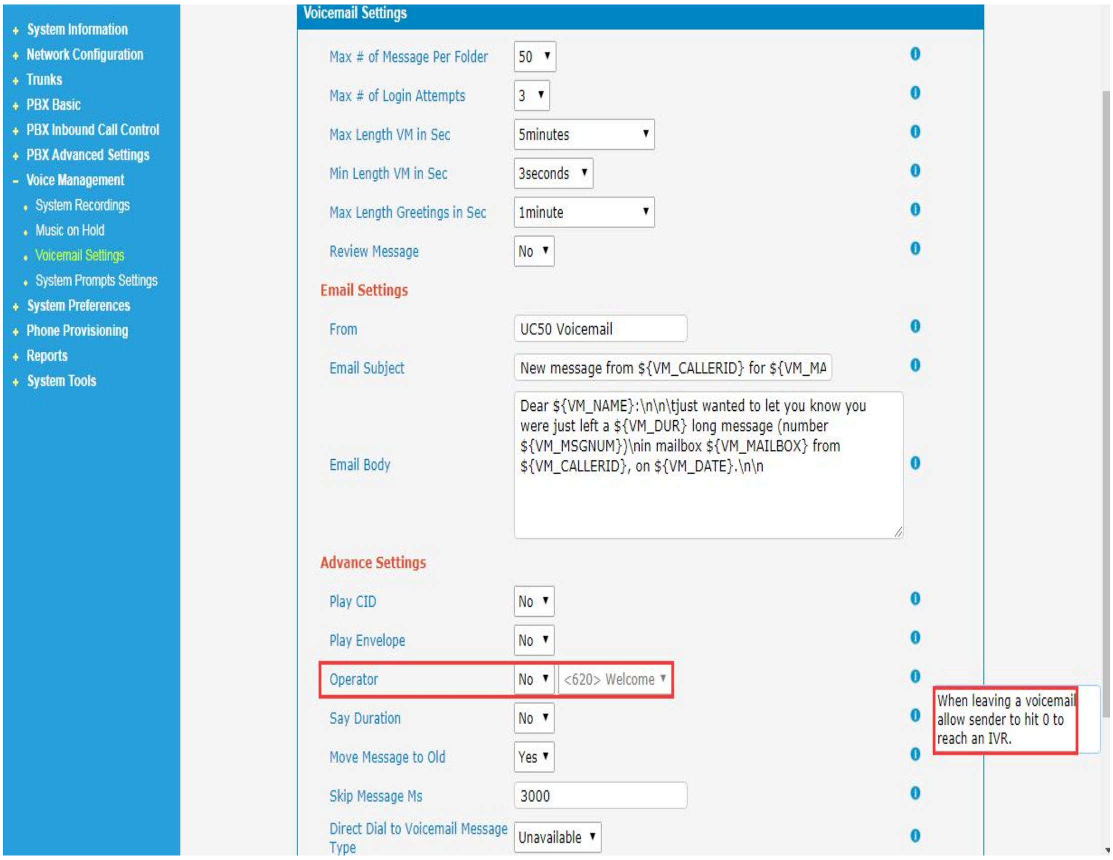
Description: The main idea of LDAP is to keep in one place all the information of a user (contact details, login, password), so that it is easier to maintain by network administrators. For example you can:

- use the same login/password to login on an Intranet.
- get all the contact details of the people in a company on Outlook for example.

LDAP is used as a phone book on PBX so that you can search a key word from your IP phone.

(6) Added “operator” on “Voice Management->Voicemail Settings”

Figure-operator



Path: Voice Management->Voicemail Settings

Description: when leaving a voicemail allow sender to hit 0 to reach an IVR.

(7) Added “User Permission” on “monitor->Advanced Settings”

Login with username: monitor

Path: Advanced Settings --> User Permission

Descriptions: Add user permission functionality to Monitor, create new users and allow users to control what is displayed in the web page. Options are USB devices, Recording Settings and Call Detail Records

Figure- User Permission

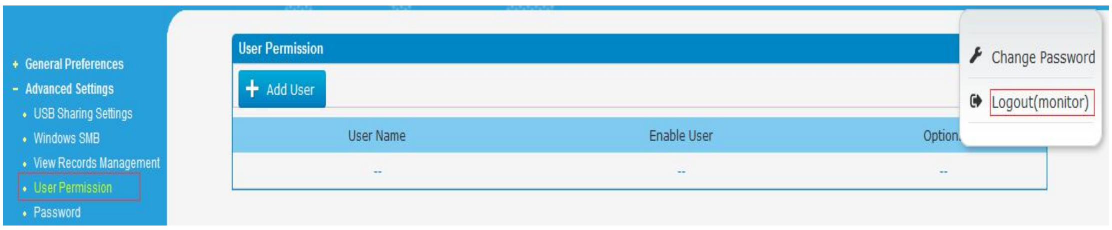


Figure- Add User Permission

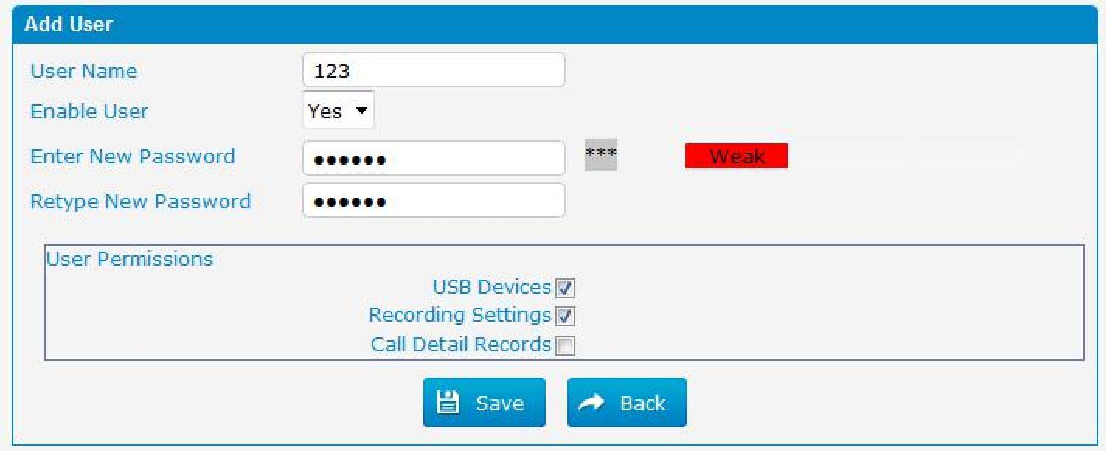


Figure-Edit User Permission

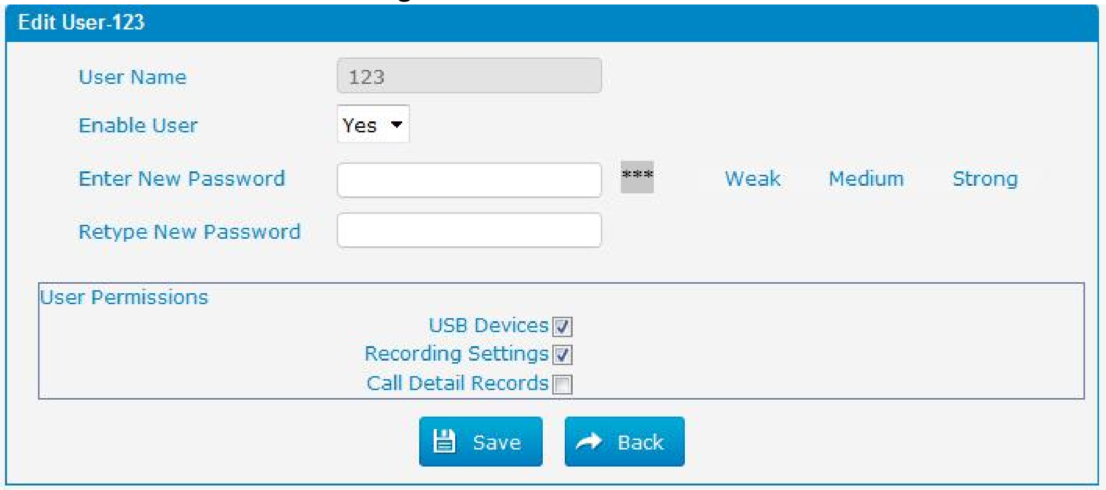
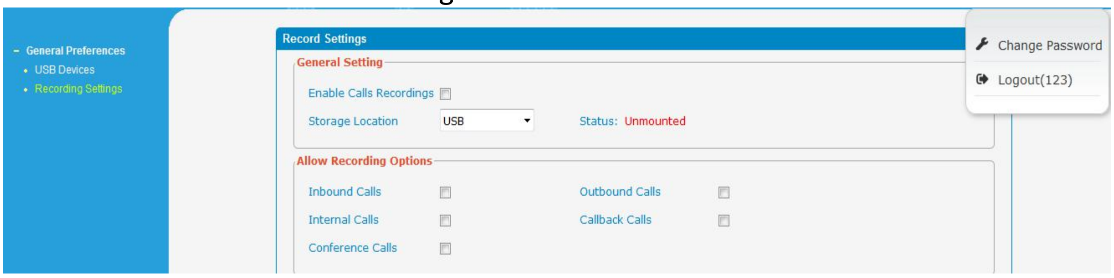


Figure- User Interface



After you have created a new user, you need to go back to the login page, enter the user name and password of the new user, and enter the user interface.

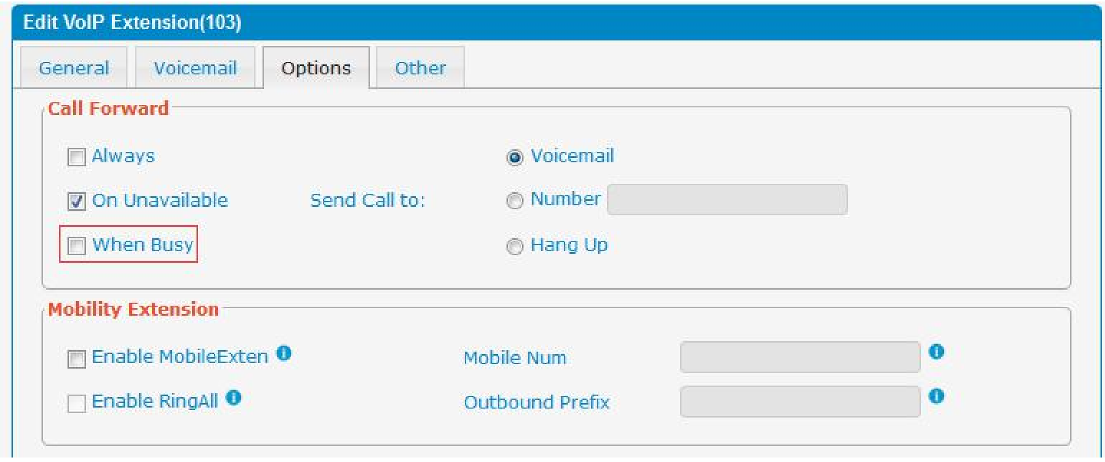
(8) Added "Callback When Busy"

Descriptions: When the callee user is on the phone, after hearing the prompts, then dial 5 to enable this function, hang up. Within 10 seconds after the callee user hangs up, the caller user will ring the bell first, and when connected, the callee user will ring the bell. The maximum waiting time for the callee user hangs up is 20 minutes. For timeout, repeat the operation.

The conditions for the callback to be effective are:

Path: PBX Basic-> extensions- > Edit VoIP (FXS) Extensions-> Options-> Call Forward-> When Busy .The 'When Busy' option not enabled.

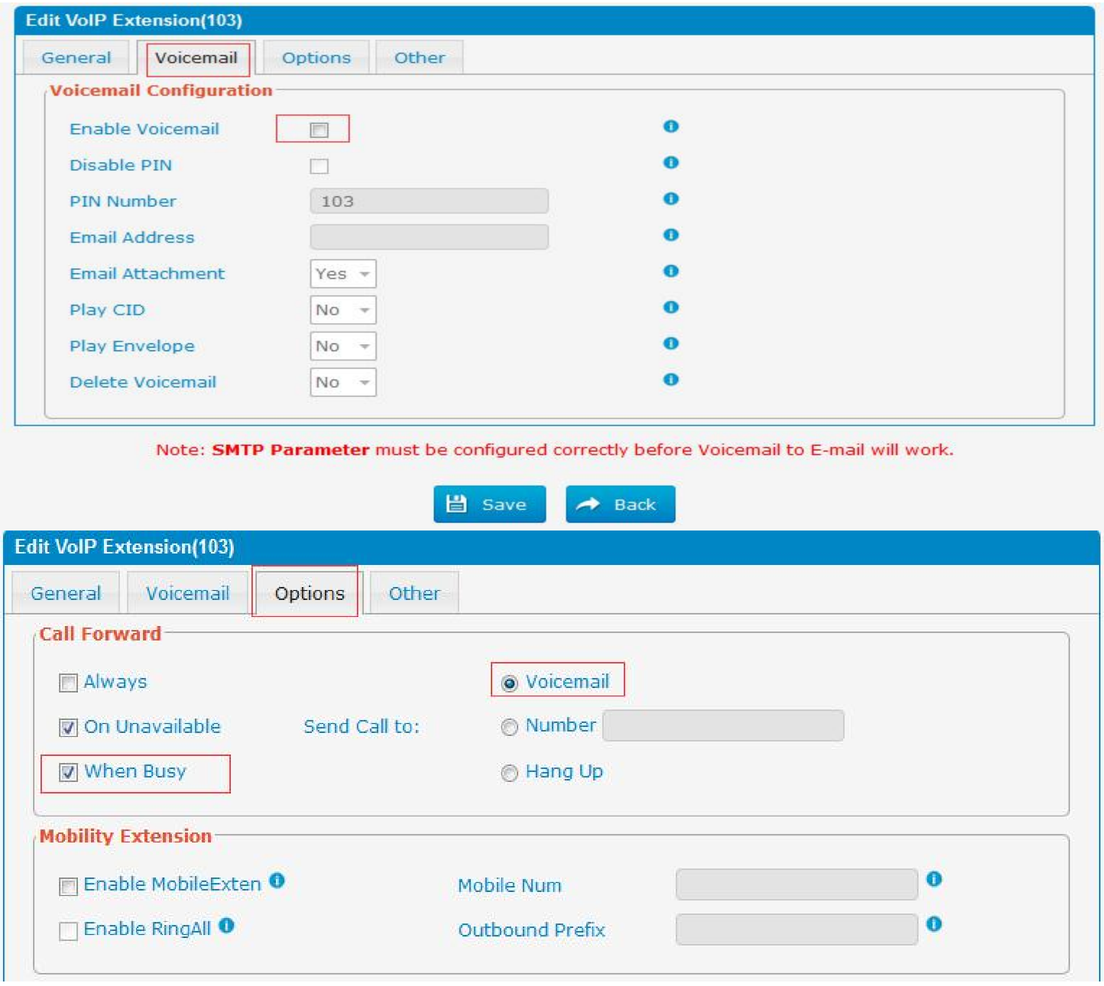
Figure-Callback effective condition 1



Path: PBX Basic-> extensions- > Edit VOIP (FXS) Extensions-> Options-> Voicemail->Enable Voicemail. The 'Enable Voicemail' option not enabled.

Path: PBX Basic-> extensions- > Edit VoIP (FXS) Extensions-> Options-> Call Forward-> When Busy and Voicemail. The 'When Busy' option and 'Voicemail' option enabled.

Figure-Callback effective condition 2



Notes:

(1) Modify: The 'When Busy' is not enabled by default.

(2) If the option 'Always' enabled in Call Forward, the Callback When Busy will not effective.

(3)If you want to enable other functions when busy, such as Voicemail, Number or Hang up. You need to enabled the option 'when Busy'.

(9) Added “Three-way Conferences”

Descriptions: To invite others into the conference room during the call.
Operating Process, for example:
Step 1:Prepare three extensions,101,102,103.
Step 2:Extension 101 dial 102,extension 102 answered. At this time, extension 101 dial *00,extension 101 to hear the dial tone, extension 102 enter the conference room 860 and hear the waiting music.
Step 3:During the dial tone, extension 101 dial 103#,then extension 103 ringing and answered it. After that, extension 101 dial *11, extensions 101, 102, and 103 enter conference room 860 together.

Notes:

(1) The callee user dial *00 will not make a correct Three-way conferences.
(2) Three-way conferences with external calls is not be effective.
(3) The dial tone lasts about 10 seconds. If you do not dial the extension number you want to invite, the caller （such as 101） and the callee (such as 102) will enter the conference room automatically. In this moment, the callee(102) can invite a new user(such as 103) into the conference room by dialing 0 and then following **Step 3.**

(4) At present, the three-party calling function is only implemented when an internal call is made, and the incoming call through the external relay cannot be realized.

(10) Added “Import and Export” on “admin -> PBX Basic->Extensions”

Login with username: admin

Path: PBX Basic->Extensions->Import(Export)

Descriptions: Add Import and Export functionality to Extensions, then user can import the new extensions by filling a fixed format csv form and using the import function. You can also export the total extensions via the export function.

Figure-Import and Export

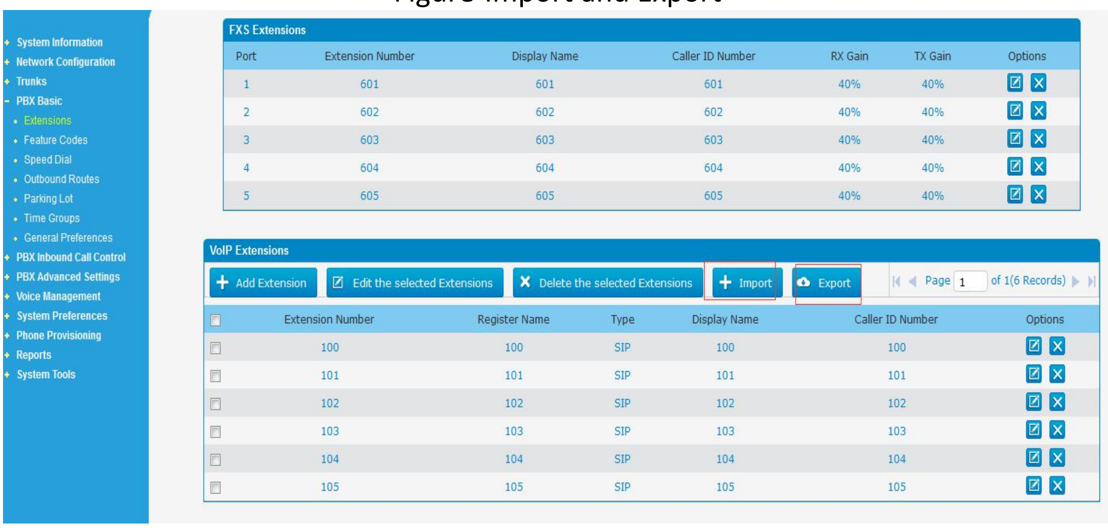
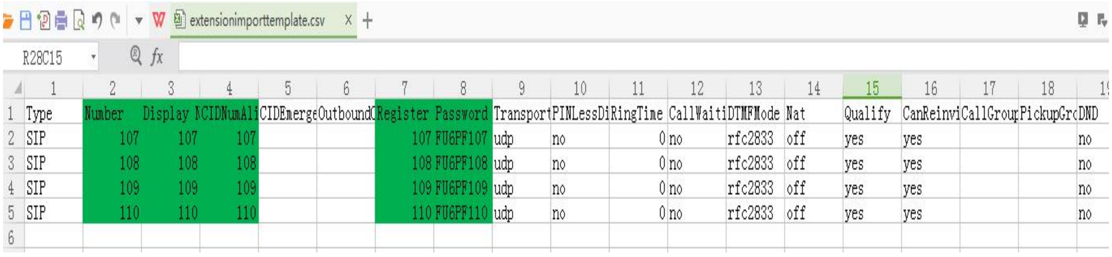


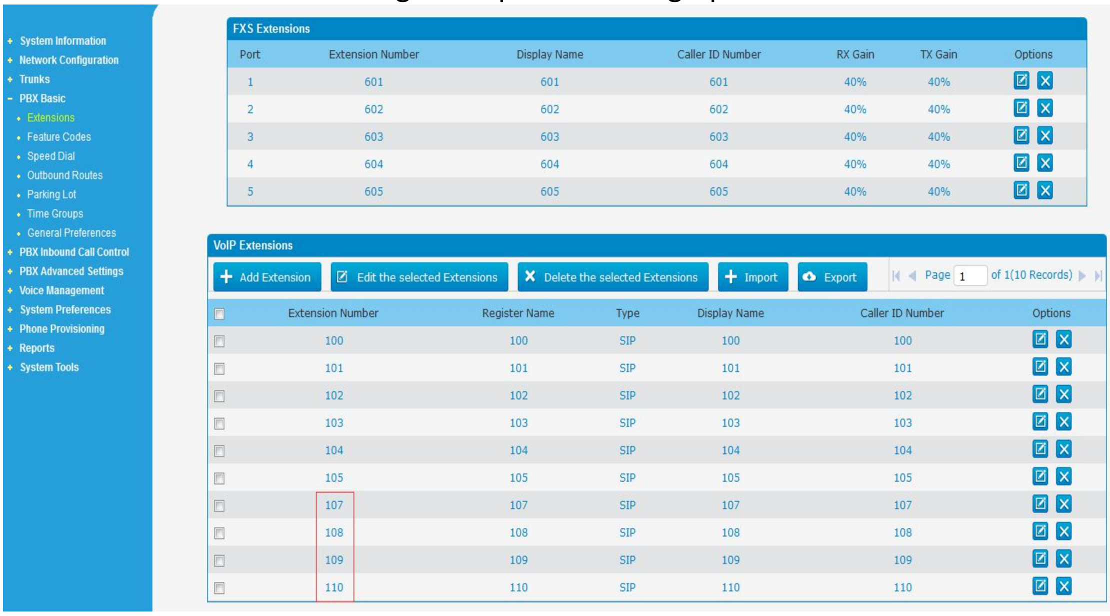
Figure-Csv File Content



	Type	Number	Display	NCIDNumAli	CIDEmerge	Outbound(	Register	Password	Transport	PINLessDi	RingTime	CallWaiti	DTMFMode	Nat	Qualify	CanReinvi	CallGroup	PickupGrc	DND
2	SIP	107	107	107			107	FU6PF107	udp	no	0	no	rfc2833	off	yes	yes			no
3	SIP	108	108	108			108	FU6PF108	udp	no	0	no	rfc2833	off	yes	yes			no
4	SIP	109	109	109			109	FU6PF109	udp	no	0	no	rfc2833	off	yes	yes			no
5	SIP	110	110	110			110	FU6PF110	udp	no	0	no	rfc2833	off	yes	yes			no

We will provide you with a template for uploading files, you only need to modify the content of the green area

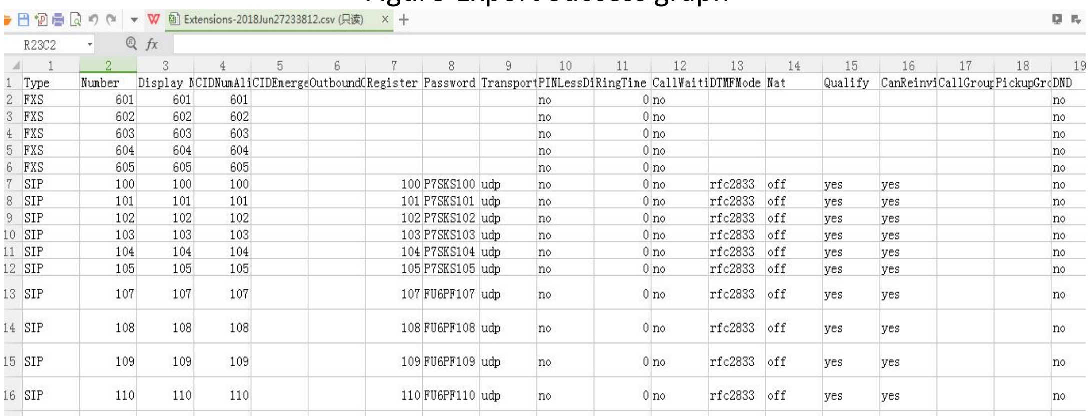
Figure-Import Success graph



Port	Extension Number	Display Name	Caller ID Number	RX Gain	TX Gain	Options
1	601	601	601	40%	40%	
2	602	602	602	40%	40%	
3	603	603	603	40%	40%	
4	604	604	604	40%	40%	
5	605	605	605	40%	40%	

Extension Number	Register Name	Type	Display Name	Caller ID Number	Options
100	100	SIP	100	100	
101	101	SIP	101	101	
102	102	SIP	102	102	
103	103	SIP	103	103	
104	104	SIP	104	104	
105	105	SIP	105	105	
107	107	SIP	107	107	
108	108	SIP	108	108	
109	109	SIP	109	109	
110	110	SIP	110	110	

Figure-Export Success graph



	Type	Number	Display	NCIDNumAli	CIDEmerge	Outbound(	Register	Password	Transport	PINLessDi	RingTime	CallWaiti	DTMFMode	Nat	Qualify	CanReinvi	CallGroup	PickupGrc	DND
2	FXS	601	601	601						no	0	no							no
3	FXS	602	602	602						no	0	no							no
4	FXS	603	603	603						no	0	no							no
5	FXS	604	604	604						no	0	no							no
6	FXS	605	605	605						no	0	no							no
7	SIP	100	100	100			100	P7SKS100	udp	no	0	no	rfc2833	off	yes	yes			no
8	SIP	101	101	101			101	P7SKS101	udp	no	0	no	rfc2833	off	yes	yes			no
9	SIP	102	102	102			102	P7SKS102	udp	no	0	no	rfc2833	off	yes	yes			no
10	SIP	103	103	103			103	P7SKS103	udp	no	0	no	rfc2833	off	yes	yes			no
11	SIP	104	104	104			104	P7SKS104	udp	no	0	no	rfc2833	off	yes	yes			no
12	SIP	105	105	105			105	P7SKS105	udp	no	0	no	rfc2833	off	yes	yes			no
13	SIP	107	107	107			107	FU6PF107	udp	no	0	no	rfc2833	off	yes	yes			no
14	SIP	108	108	108			108	FU6PF108	udp	no	0	no	rfc2833	off	yes	yes			no
15	SIP	109	109	109			109	FU6PF109	udp	no	0	no	rfc2833	off	yes	yes			no
16	SIP	110	110	110			110	FU6PF110	udp	no	0	no	rfc2833	off	yes	yes			no

✧ Release Notes of Version 1/12/13.1.0.22

1. Introduction

(1) Firmware Version: 1.1.0.22, 12.1.0.22,13.1.0.22,

(2) Applicable Model:MUC1004,MUC2008,MUC2016

(3) Release Date: Aug8,2018

CHANGES SINCE FIRMWARE RELEASE 1/12/13.1.0.18

2. New Features

(1) Added fax t38 and t38 configuration to the outbound route.

(2) Added Myanmar time option on device Date function

(3) Added “Morning Call” on “PBX Advanced Settings”

(4) Added “SMS Settings” on “PBX Advanced Settings”

(5) Added “User Permission” on “System Preferences”

(6) Added outbound route memory trunk configuration

(7) Added “model GXP1610/1615-GXP1620/1625-GXP1628-GXP1630” on “Phone Provisioning->Phones->Grandstream”

(8) Added the Txgain option of the FXO line

(9) Added Echo Train in General and select the set echo train time value.

(10) Added CUSTOM option (at the end of the list of options) on FXO Mode.

(11) Added Htek UC902/UC903/UC923/UC924/UC926 model support to Phone Provisioning

3. Optimization

(1) The time zone option values of grandstream and yealink are synchronized to the latest version of the phone.

(2) Modify the reset time of the MUC series device 8s --> 4s

4. Bug Fixes

(1) Fixed an error that did not hear the MOH sound when the incoming route was set to the queue.

(2) Fixed click on the fxs extension on the extension status page to enter the edit page to return data error.

(3) Fixed the error that the extension range value that fxs can set is different from the set extension range.

(4) Fixed MUC1004 multi-way call, reset does not take effect.

(5) Fixed deleting the fxs port causes the optional extension box to be empty when adding the outbound route

(6) Fixed an error that the extension number cannot be saved when the extension fxs extension exceeded the extension range

(7) Fixed fxs extension web page transfer number not displayed error.

(8) Fixed the value of dst in cdr of reminder Call is s error.

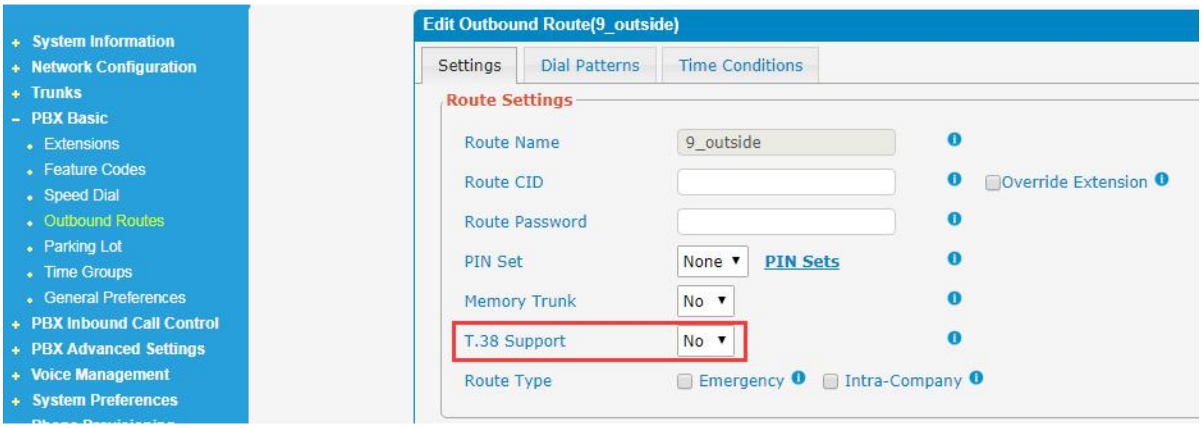
5. New Features Descriptions

(1) Added fax t38 and t38 configuration to the outbound route.

Path: PBX Basic -->Outbound Routes

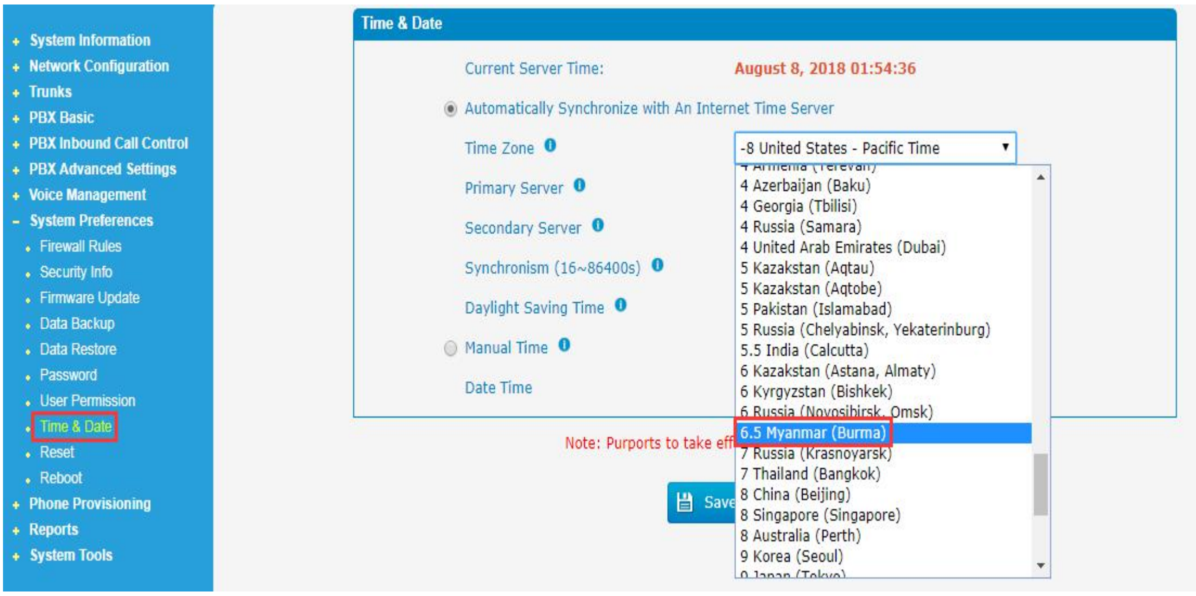
Descriptions: T38 is a protocol on how to send and receive faxes over a computer network.

Figure-t38



(2) Added Myanmar time option on device Date function

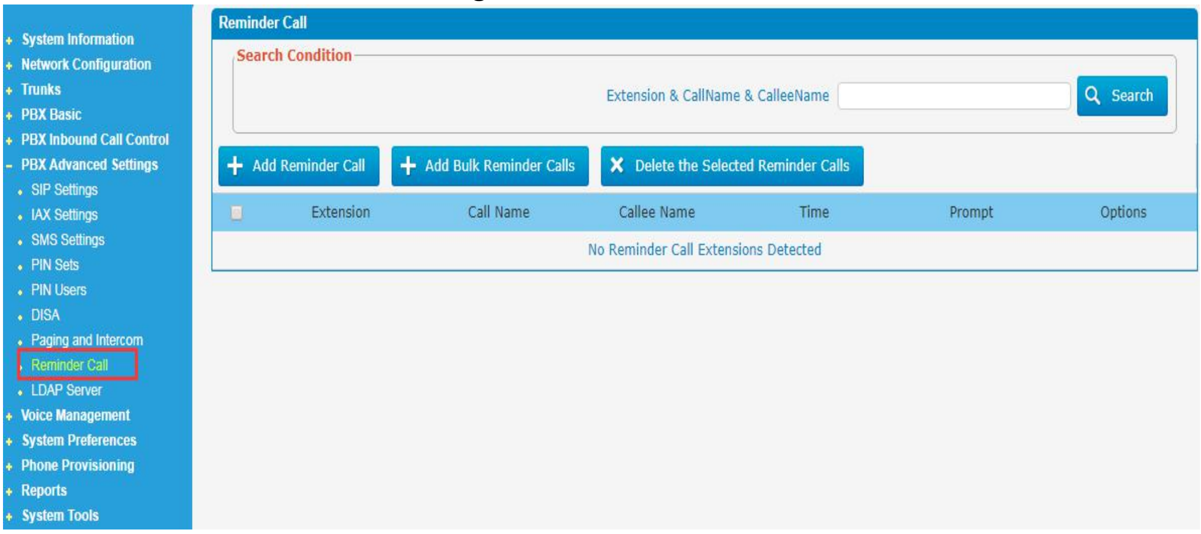
Figure-Myanmar



Path: System Preference-->Time& Date

(3) Added “Morning Call” on “PBX Advanced Settings”

Figure->Delete FXS Extension

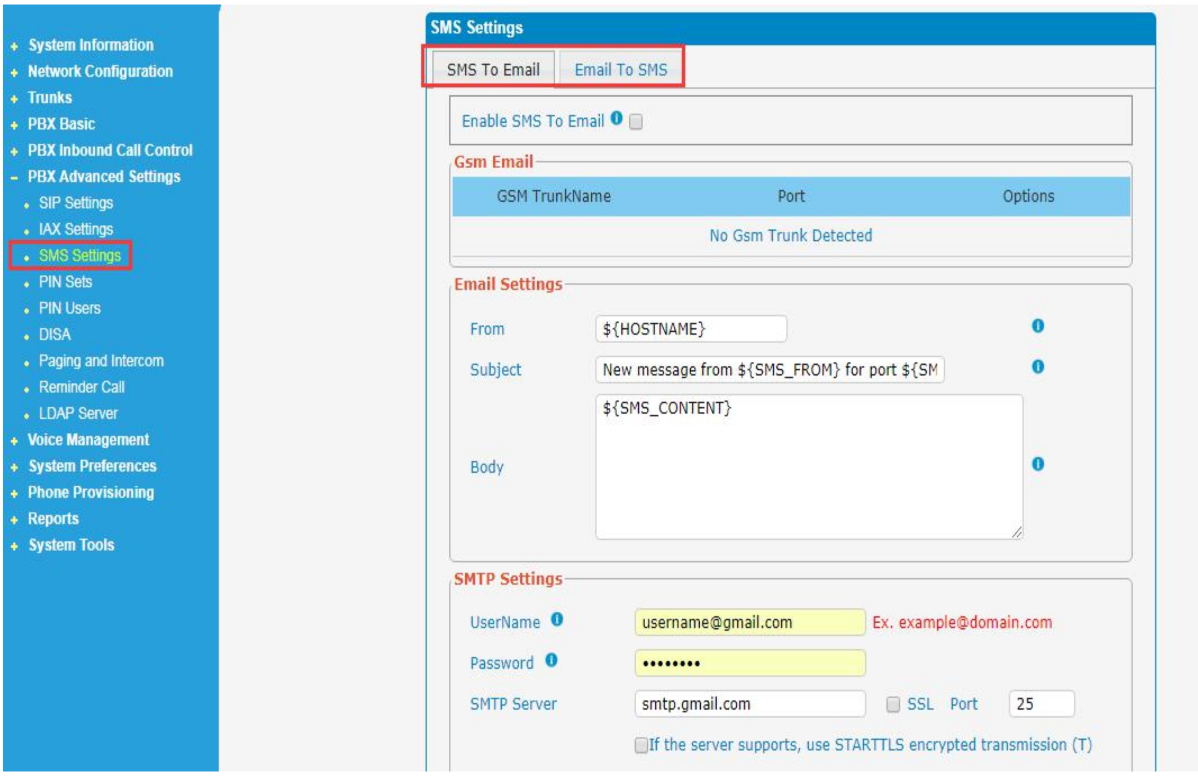


Path:”PBX Advanced Settings”-->”Reminder Call”

Description: Extension alarm function, you can set alarms for multiple extensions at the same time

(4) Added “SMS Settings” on “PBX Advanced Settings”

Figure->SMS Settings

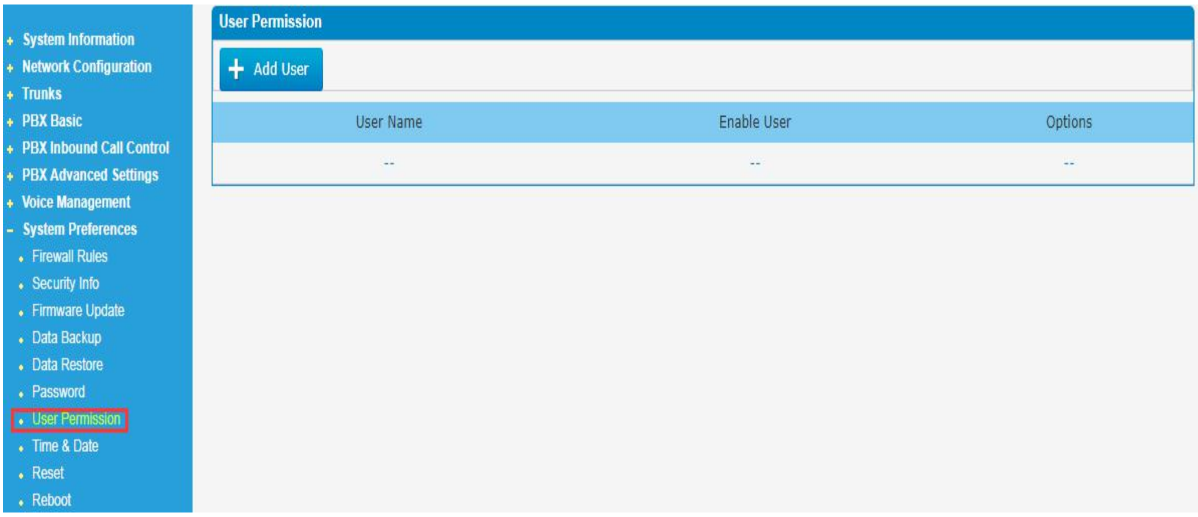


Path: PBX Advanced Settings-->SMS Settings

Description: The purpose of SMS Settings is to send an email to a mailbox or send a text message to a mobile phone via email.

(5) Added "User Permission" on "System Preferences"

Figure-User Permission

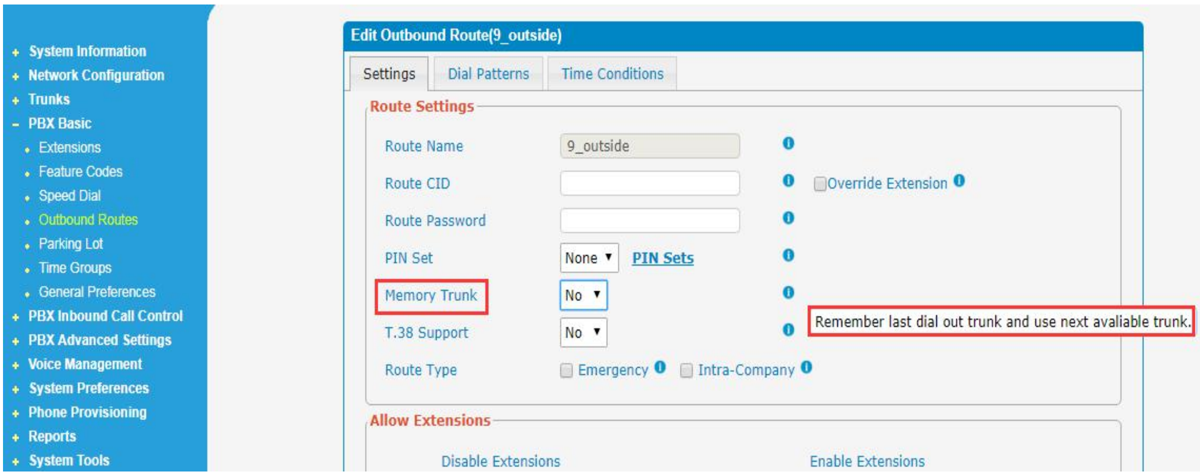


Path: System Preference-->User Permission

Description: Create new users and let users control what the page displays

(6) Added outbound route memory trunk configuration

Figure-Memory Trunk

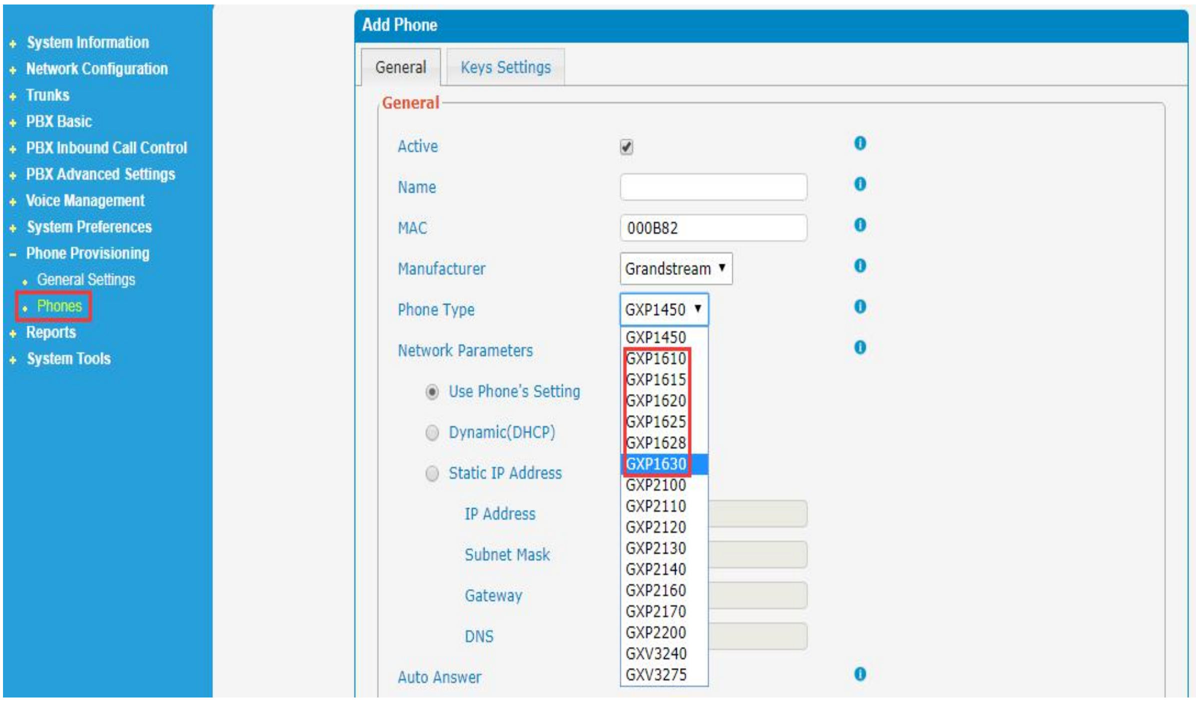


Path: PBX Basic->Outbound Routes

Descriptions: Remember last dial out trunk and use next available trunk.

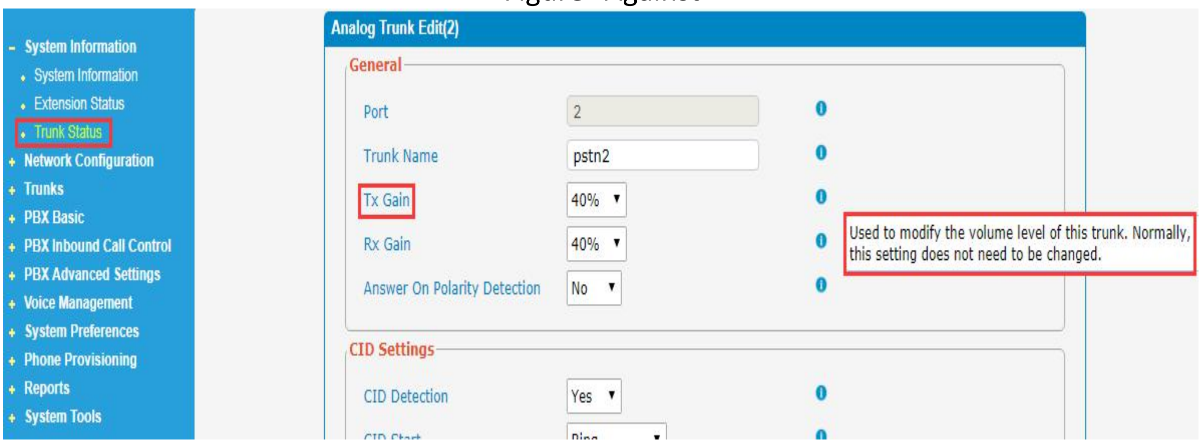
(7) Added "model GXP1610/1615-GXP1620/1625-GXP1628-GXP1630" on "Phone Provisioning->Phones->Grandstream"

Figure->Grandstream



(8) Added the Txgain option of the FXO line

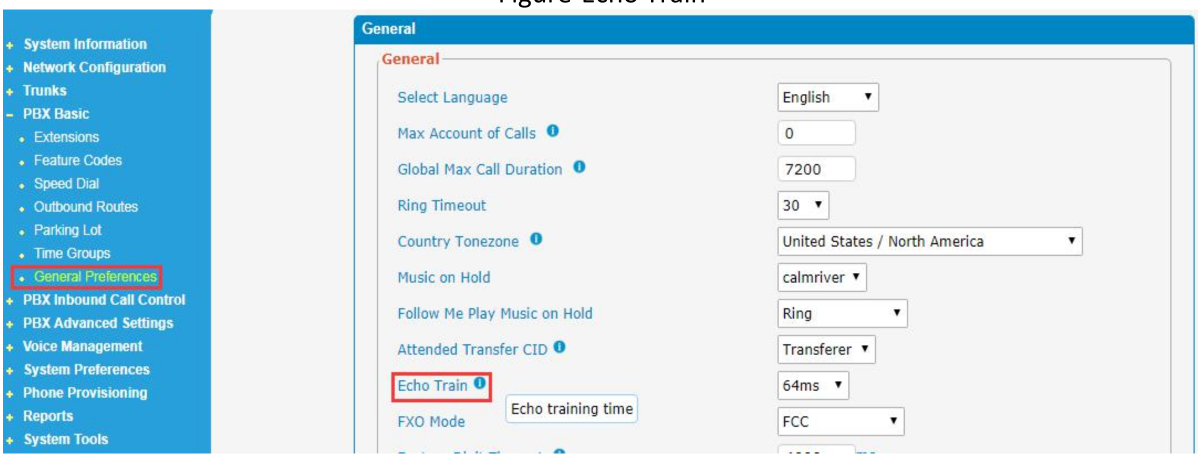
Figure--Against



Description: Used to modify the volume level of this trunk. Normally, this setting does not need to be changed.

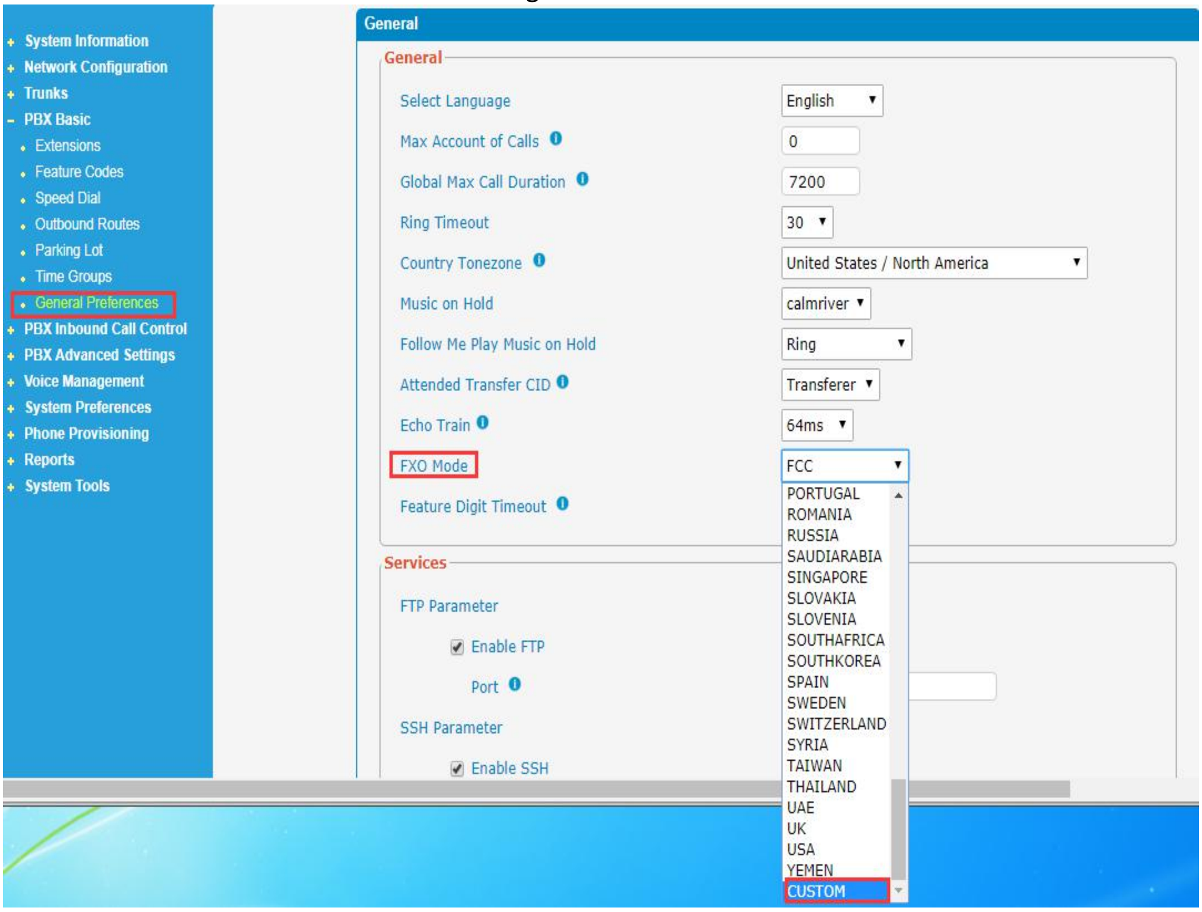
(9) Added Echo Train in General and select the set echo train time value.

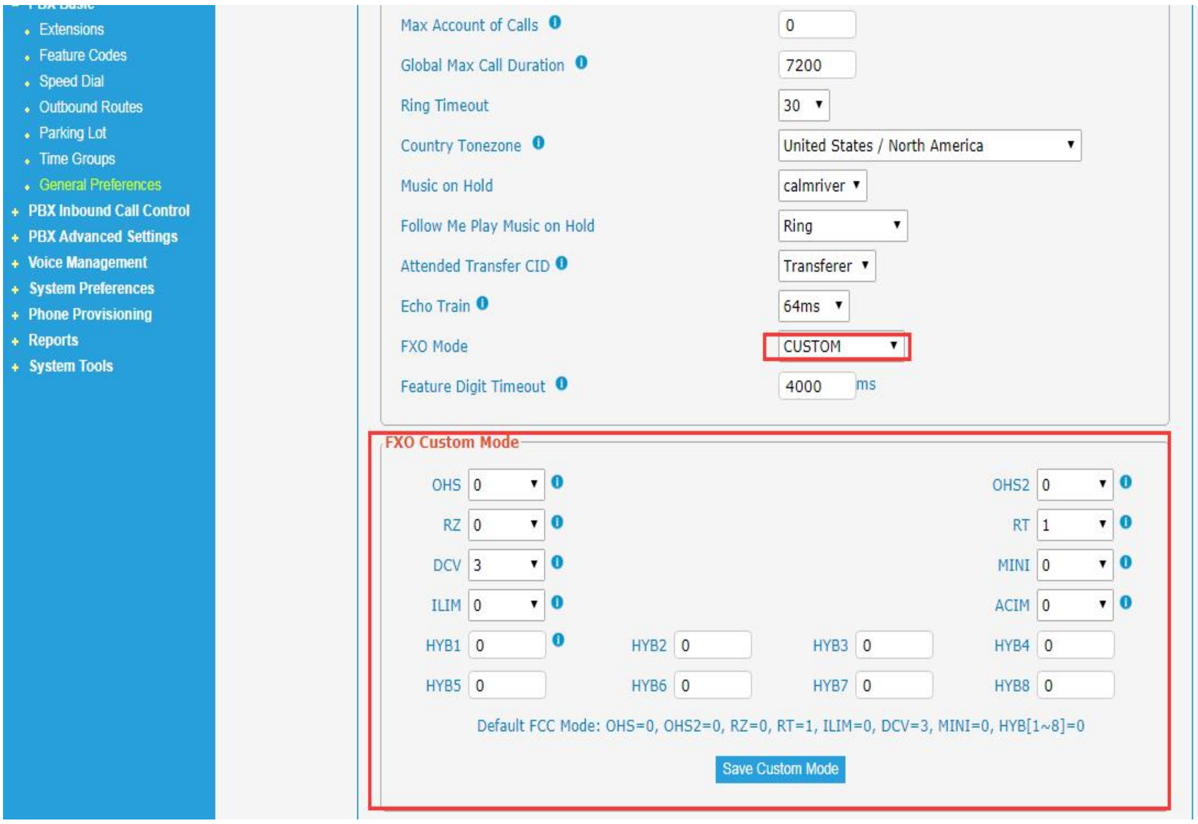
Figure-Echo Train



(10) Added CUSTOM option (at the end of the list of options) on FXO Mode.

Figure---Custom

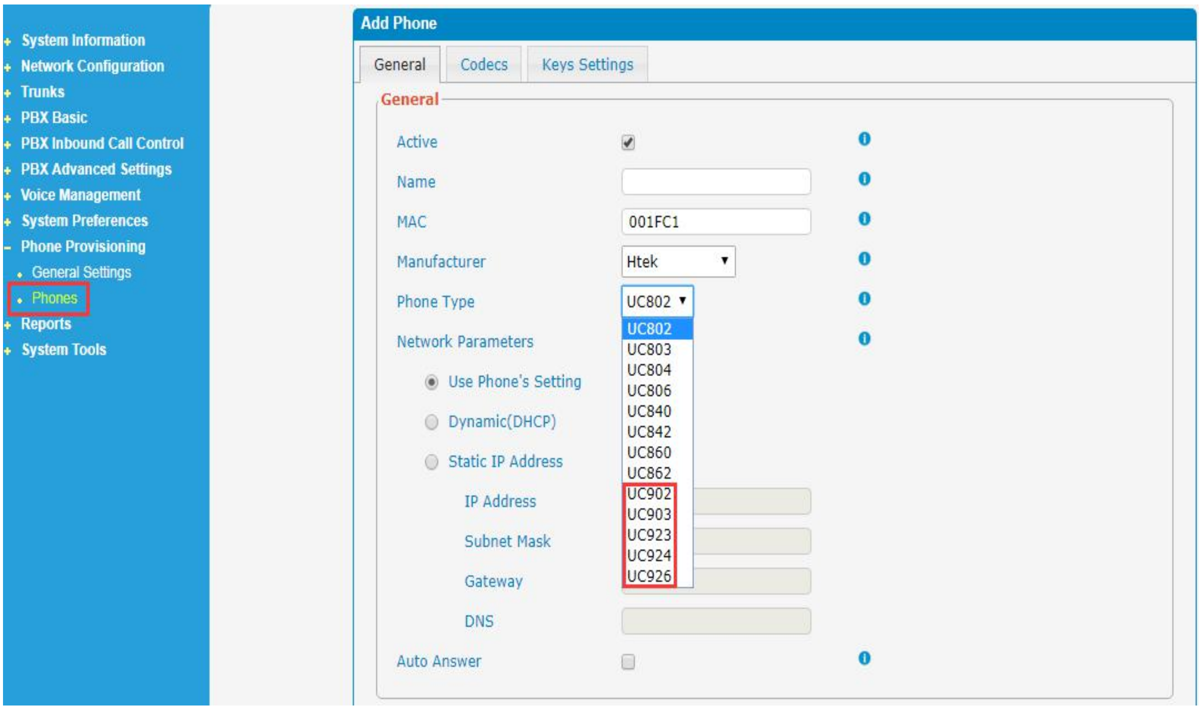




(11) Added Htek UC902/UC903/UC923/UC924/UC926 model support to Phone Provisioning

Path: Phone Provisioning -->Phones -->Add Phone

Figure-Htek



✧ Release Notes of Version 1/12/13.1.0.18

1. Introduction

(1) Firmware Version: 1.1.0.18, 12.1.0.18,13.1.0.18,

(2) Applicable Model:MUC1004,MUC2008,MUC2016

(3) Release Date: Nov 16,2016

CHANGES SINCE FIRMWARE RELEASE 1/12/13.1.0.14

2. New Features

(1) Added “FXS Del Option” on “ FXS Extensions”

(2) Added “Rtp Port End” on “SIP Settings”

(3) Added Select All and Cancel All widget on Selection box

(4) Added “Report IP Address” on “Feature Codes”

(5) Added pt_BR System Prompts on “System Prompts Settings”

(6) Added “Send Privacy id” on “SIP Settings”

(7) Added “Send Diversion” on “SIP Settings”

3. Optimization

(1) Optimized the WAN port to the priority port

(2) Increase the length of the SIP Trunk field input

4. Bug Fixes

(1) Fixed the issue that SIP Trunk DOD not work properly For “From User” field error

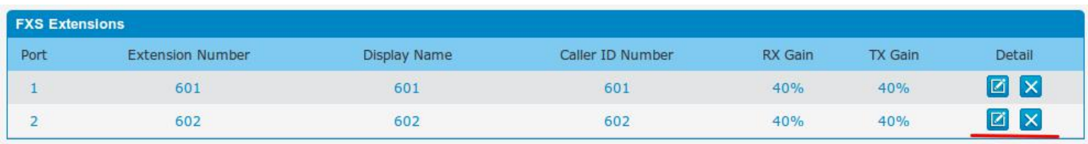
5. New Features Descriptions

(1) Added “FXS Del Option” on “ FXS Extensions”

Path: PBX Basic --> Extensions --> FXS Extensions

Descriptions: Click delete FXS extension, Web Page will retain the edit option, enter the edit page, you can modify FXS extension number

Figure-FXS Status



FXS Extensions

Port	Extension Number	Display Name	Caller ID Number	RX Gain	TX Gain	Detail
1	601	601	601	40%	40%	
2	602	602	602	40%	40%	

Figure- Delete FXS Extension

FXS Extensions

Port	Extension Number	Display Name	Caller ID Number	RX Gain	TX Gain	Options
1	--	--	--	--	--	
2	602	602	602	40%	40%	

Figure-Edit Deleted FXS Extension

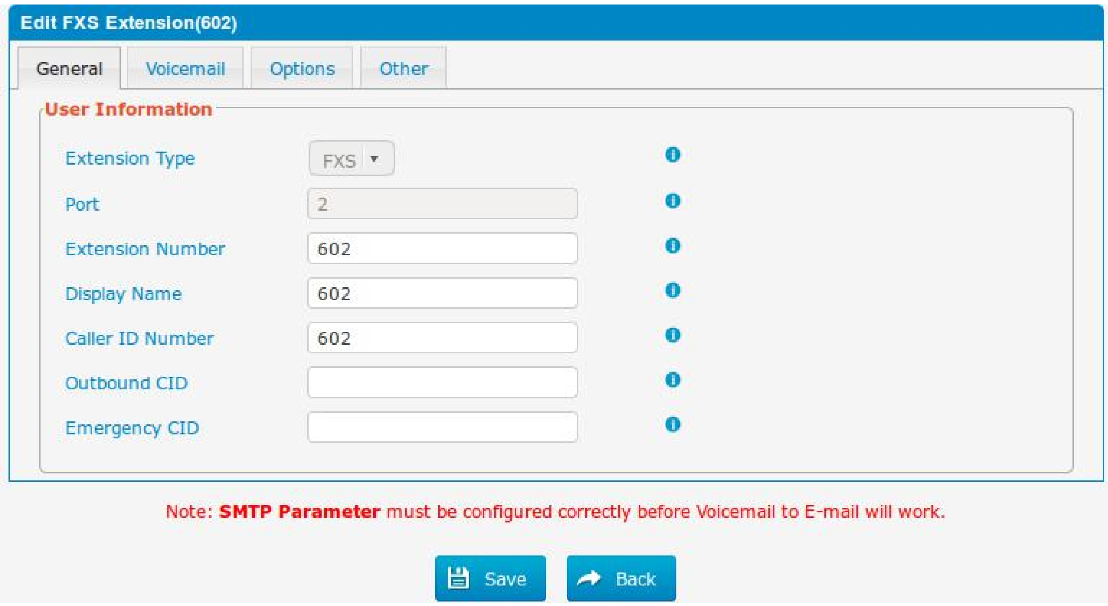


Figure-Exension Scope

New Fxs extension num is in extension scope

In Fxs deleted edit webpage, modify extension number will adjust following field at the same time

Display Name

Caller ID Number

PIN Number

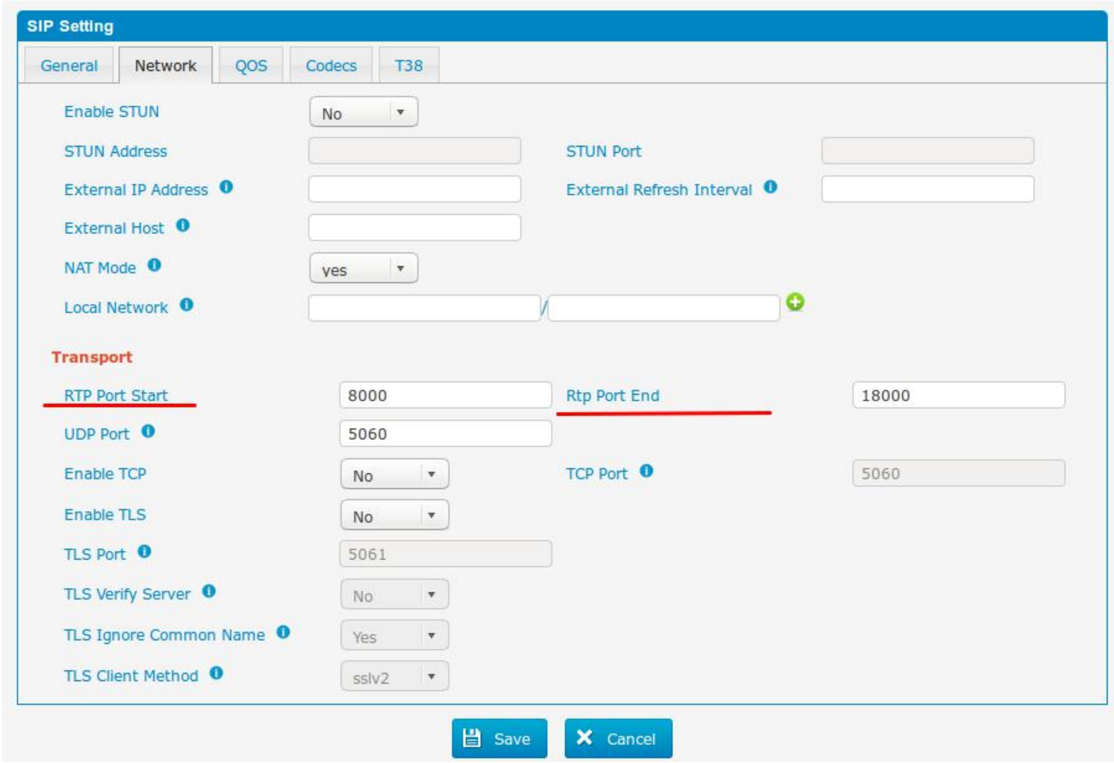
Extension web Login Name and Password

(2) Added "Rtp Port End" on "SIP Settings"

Path: PBX Advanced Settings --> SIP Settings

Descriptions: Easy to fill out and view the value of rtp port range.

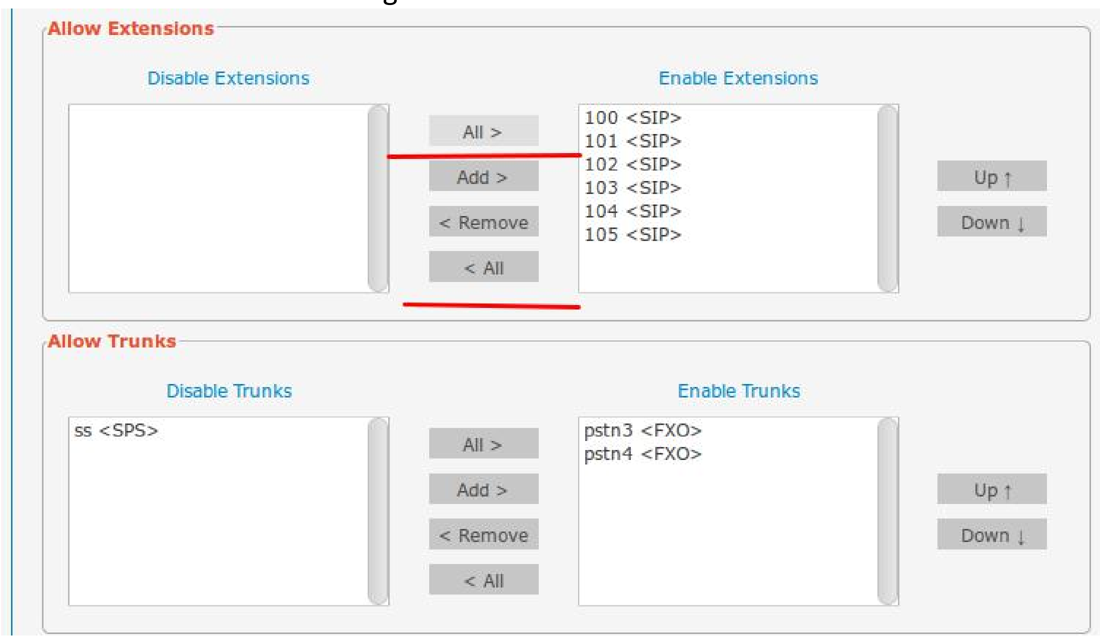
Figure-Rtp Port End



(3) Added Select All and Cancel All widget on Selection box

For example in outbound edit page

Figure-select all and cancel all



(4) Added “Report IP Address” on “Feature Codes”

Path: PBX Basic --> Feature Codes --> Report IP Address

Descriptions: Dial *** , System will play prompt of local IP.

Figure-Report IP Address

(5) Added pt_BR System Prompts on “System Prompts Settings”

Path: Voice Management --> System Prompts Settings

Descriptions: Add a new System Prompts of Portuguese Brazil

Figure-System prompts of Portuguese Brazil

(6) Added “Send Privacy id” on “SIP Settings”

(7)Added “Send Diversion” on “SIP Settings”

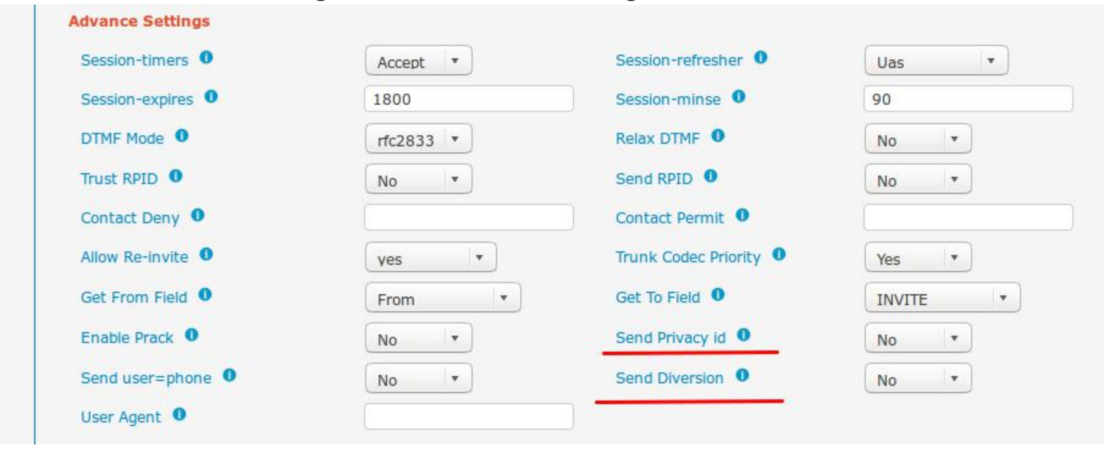
Path: PBX Advanced Settings --> SIP Settings

Descriptions:

send Privacy header to enable anonymous call feature

send Diversion header to enable caller id Pass-Through feature when forward through SIP trunk

Figure-SIP Advance Settings



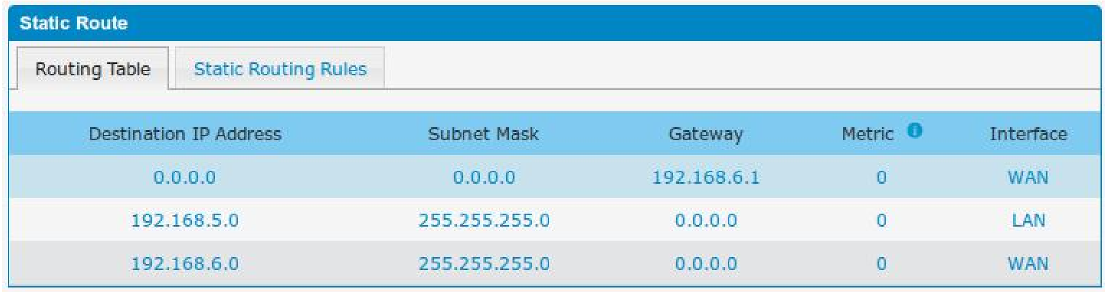
6. Optimization Descriptions

(1) Optimized the WAN port to the priority port

Path: PBX Basic --> Network Configuration --> Static Route

Descriptions: By default, the WAN port routing priority is higher than the LAN port

Figure-WAN and LAN static route



Static Route

Routing Table | Static Routing Rules

Destination IP Address	Subnet Mask	Gateway	Metric	Interface
0.0.0.0	0.0.0.0	192.168.6.1	0	WAN
192.168.5.0	255.255.255.0	0.0.0.0	0	LAN
192.168.6.0	255.255.255.0	0.0.0.0	0	WAN

If you have configure WAN port before, you may need to reset pbx

✧ Release Notes of Version 1/12/13.1.0.14

1. Introduction

(1) Firmware Version: 1.1.0.14, 12.1.0.14,13.1.0.14

(2) Applicable Model:MUC1004,MUC2008,MUC2016

(3) Release Date: July 04,2016

CHANGES SINCE FIRMWARE RELEASE 1/12/13.1.0.5

2. New Features

(1) Added “Security Info” on “System Preferences”

(2) Added “AMI Settings” on “System Tools”

(3) Added “Mobility Extension” on Extensions

(4) Added extension Maximum Call Duration and global Maximum Call Duration

(5) Added dod and add bulk dod on “IP Trunk” and “VoIP Trunk”

(6) Added Extension CDR Report on Extension Web Login

3. Optimization

(1)None

4. Bug Fixes

(1)None

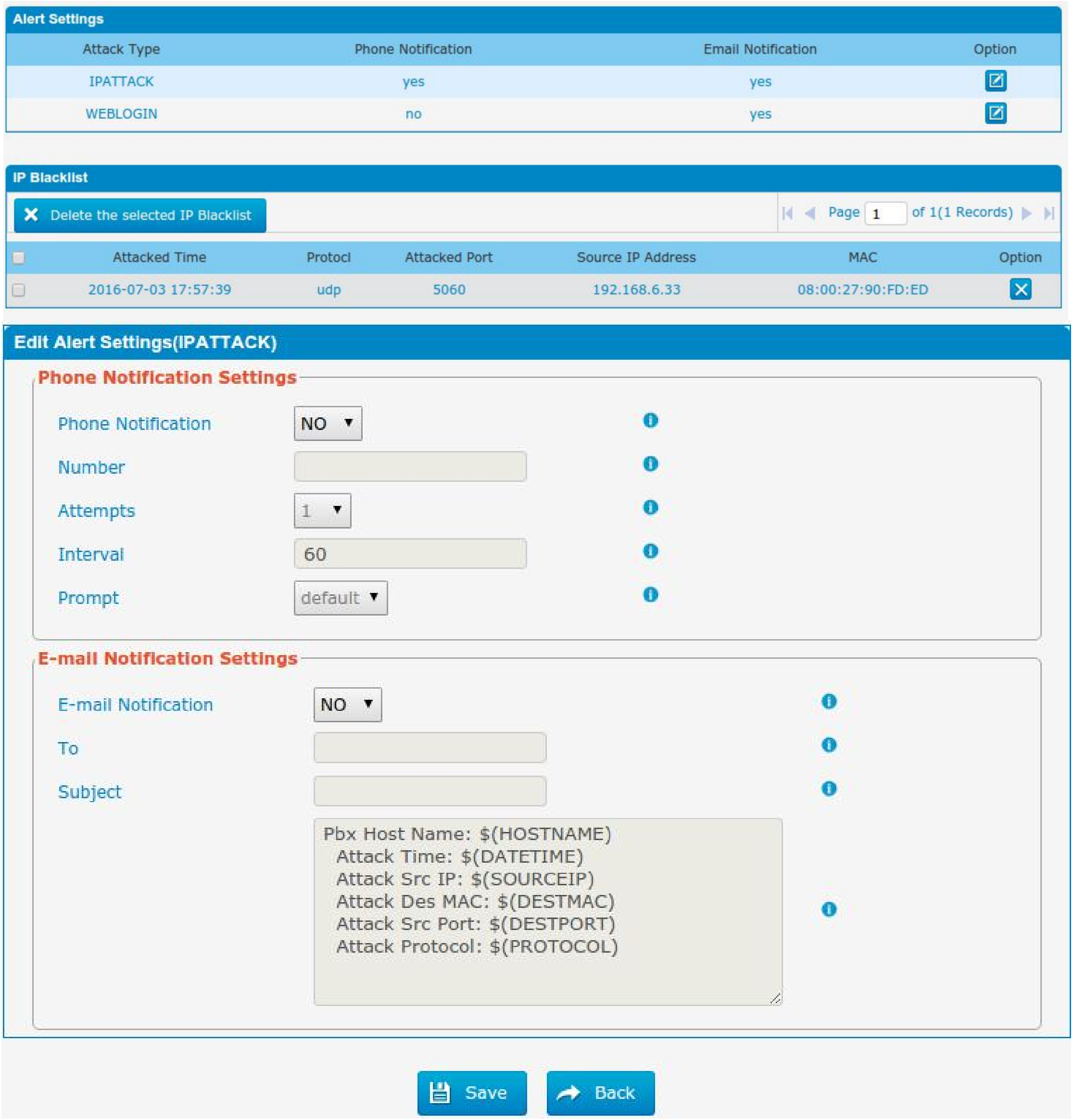
5. New Features Descriptions

(1) Added “Security Info” on “System Preferences”

Path: System Preferences->Security Info

Alert Settings: if the device is attacked, the system will notify users the alert via call or E-mail. the attack modes include IP attack and Web Login.

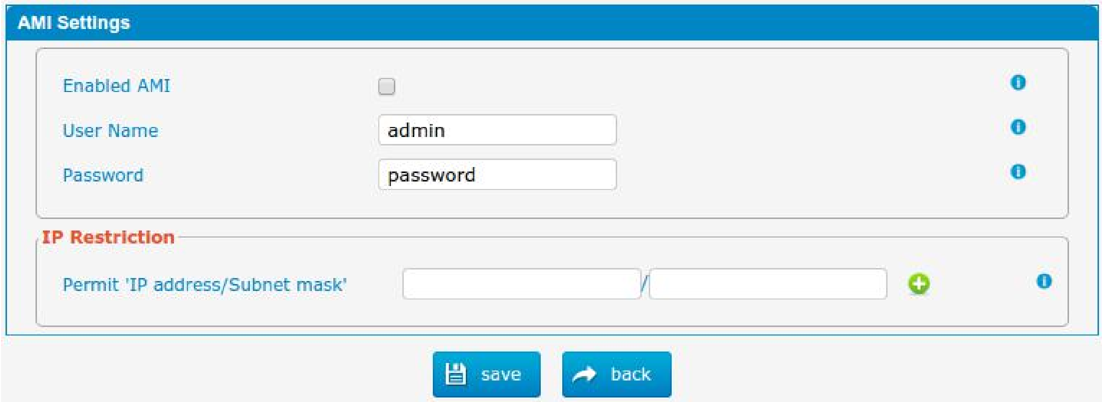
IP Blacklist: if the device is attacked by IP attack. system will add IP to firewall and Disable this IP access.



(2) Added "AMI Settings" on "System Tools"

Path: System Tools --> AMI Settings

Descriptions: The Asterisk Manager Interface(AMI) is a socket interface that you can use to get configuration and status information, request actions to be performed, and be notified about things happening to calls.



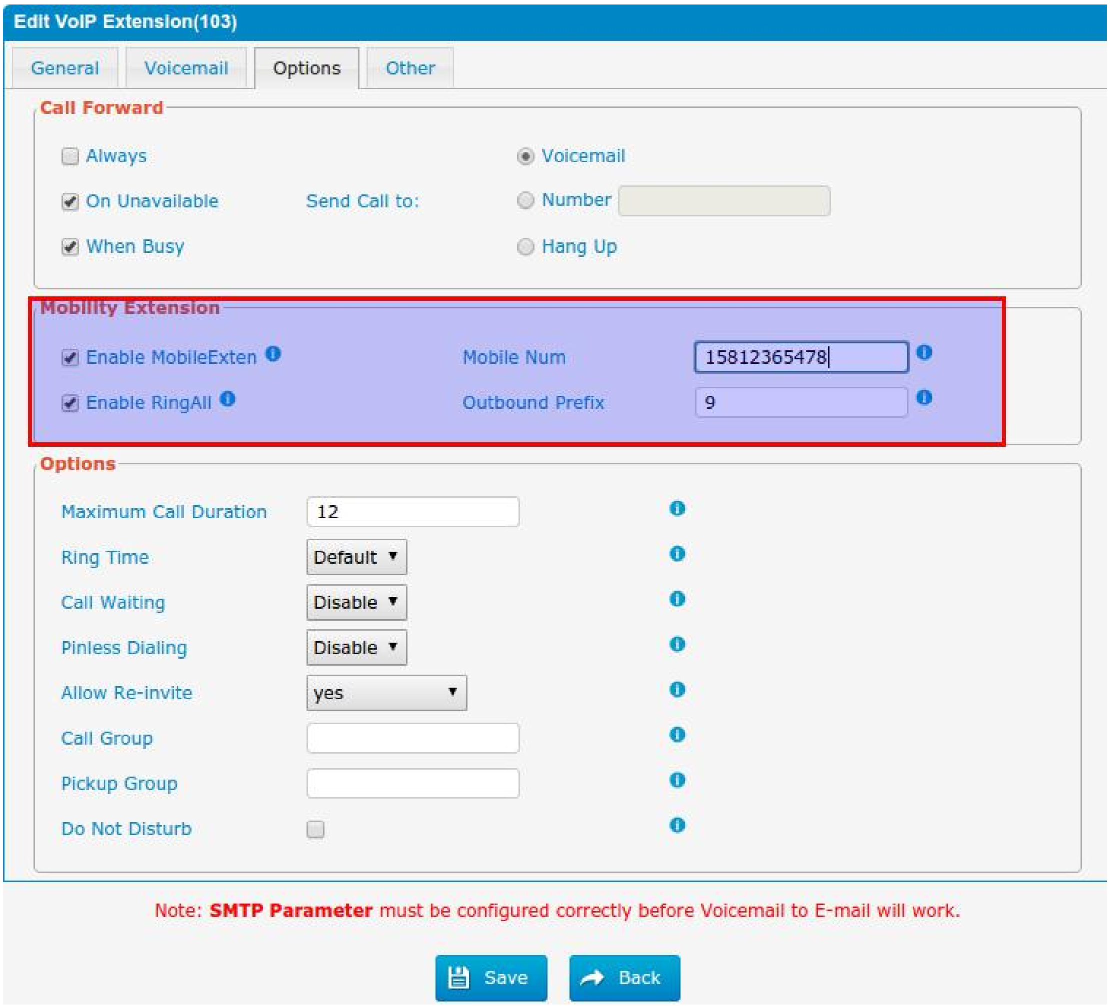
(3) Added "Mobility Extension" on Extensions

Path: Edit Extension

Descriptions:

1. If you set a mobile number as mobility extension, while you call in PBX with this mobile number, the mobile phone will get all permission of the associated extension. For example: dialing the extension, playing the voicemail.

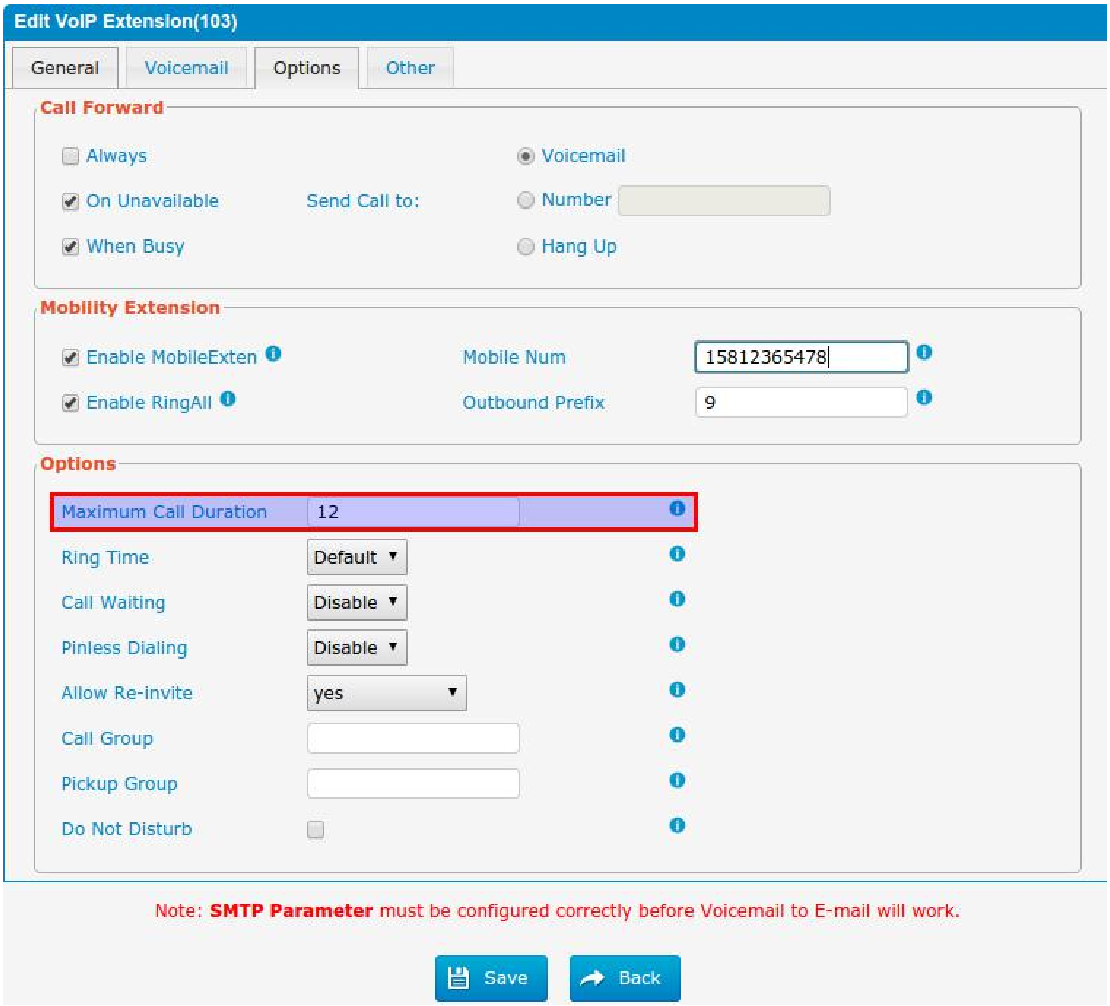
2. When someone calls the associated extension, your mobile phone will ring together, what you need is to set outbound route and Outbound Prefix number.

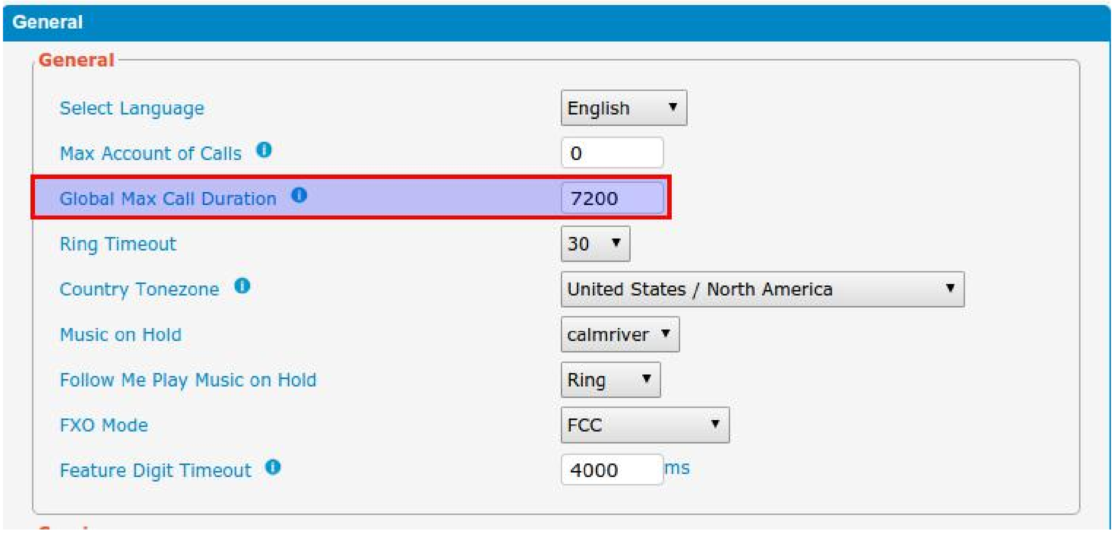


(4) Added extension Maximum Call Duration and global Maximum Call Duration

Path: Edit Extension and PBX Basic --> General Preferences

Descriptions: The absolute maximum amount of time permitted for a cal

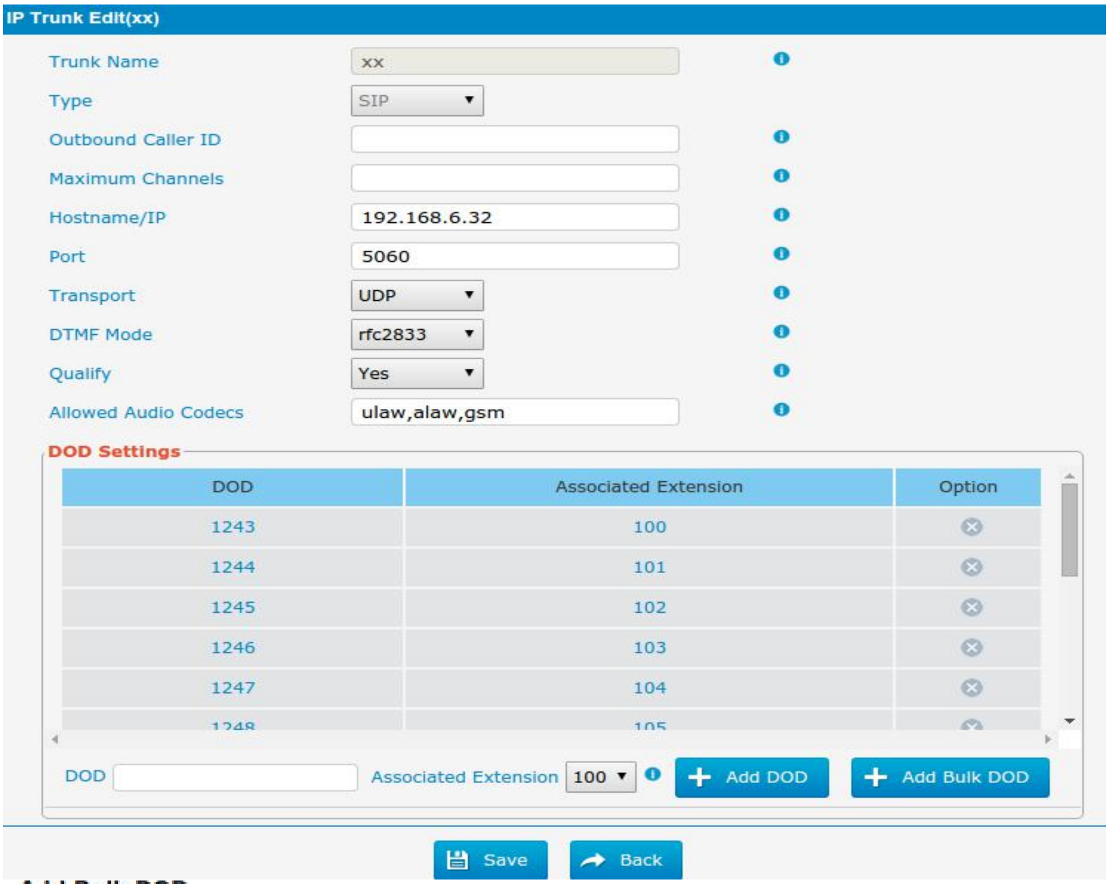


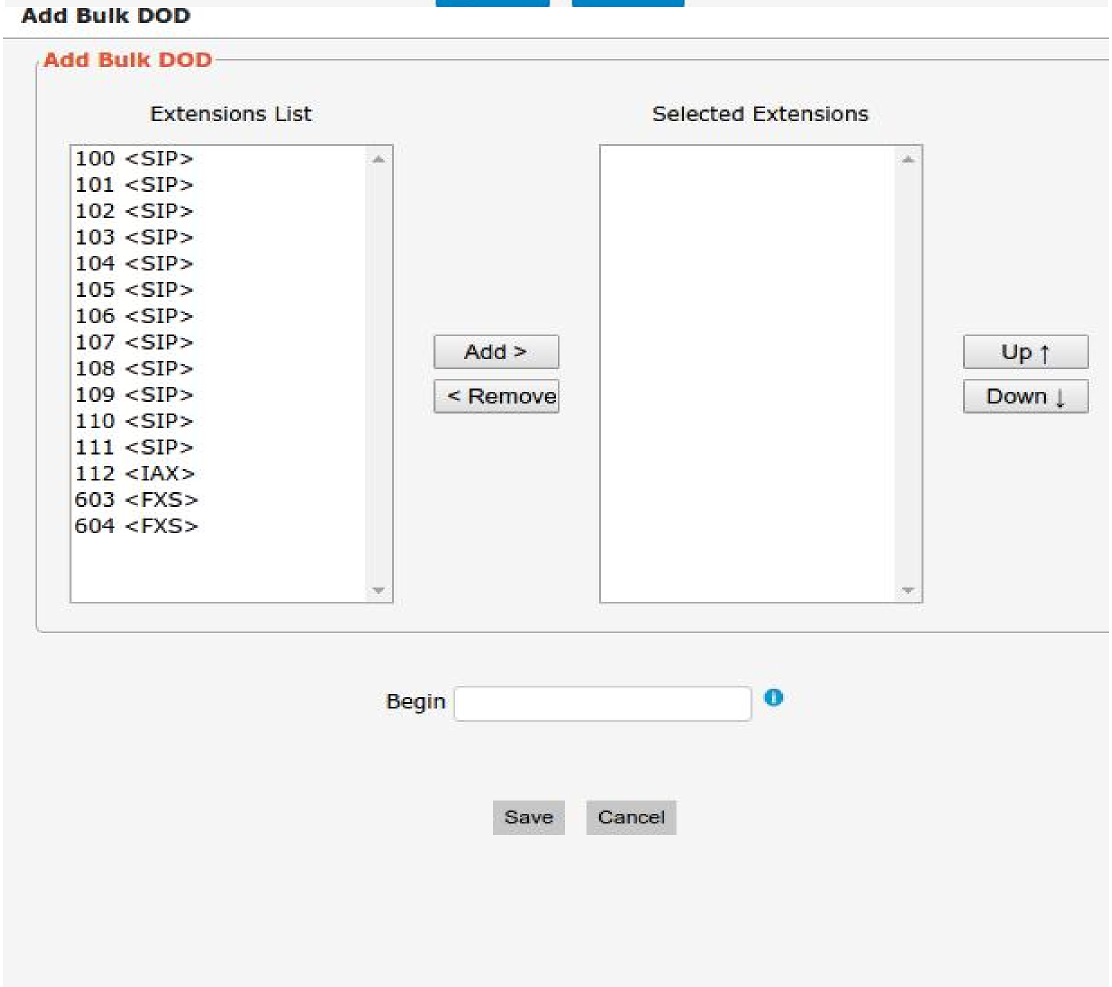


(5) Added dod and add bulk dod on “IP Trunk” and “VoIP Trunk”

Path: Trunks --> IP Trunk and Trunks --> VoIP Trunk

Descriptions: Add dod number and add bulk dod numbers to associated extension.


IP Trunk Edit(xx)
Trunk Name
xx
Type
SIP
Outbound Caller ID
Maximum Channels
Hostname/IP
192.168.6.32
Port
5060
Transport
UDP
DTMF Mode
rfc2833
Qualify
Yes
Allowed Audio Codecs
ulaw,alaw,gsm
DOD Settings
DOD
Associated Extension
Option
1243
100
1244
101
1245
102
1246
103
1247
104
DOD
Associated Extension
100
Add DOD
Add Bulk DOD
Save
Back


Add Bulk DOD
Add Bulk DOD
Extensions List
Selected Extensions
100 <SIP>
101 <SIP>
102 <SIP>
103 <SIP>
104 <SIP>
105 <SIP>
106 <SIP>
107 <SIP>
108 <SIP>
109 <SIP>
110 <SIP>
111 <SIP>
112 <IAX>
603 <FXS>
604 <FXS>
Add >
< Remove
Up ↑
Down ↓
Begin
Save
Cancel

(6) Added Extension CDR Report on Extension Web Login

Path: Extension Web Login

Descriptions: Extension cdr lo

CDR Report

Show Filter | Download the records | Page 1 of 1 (10 Records)

Date	Source	Destination	Src. Trunk	Account Code	Dst. Trunk	Call Direction	Status	Duration	Billing Duration
2016-06-30 23:45:29	103	603				Internal	ANSWERED	10s	9s
2016-06-30 23:36:55	603	9104			pstn2	Outbound	ANSWERED	1s	1s
2016-06-30 23:36:53	603	103				Internal	ANSWERED	9s	6s
2016-06-30 23:36:43	603	910			pstn2	Outbound	NO ANSWER	9s	0s
2016-06-30 23:35:48	603	9104			pstn2	Outbound	ANSWERED	2s	1s
2016-06-30 23:35:46	603	103				Internal	ANSWERED	28s	24s
2016-06-30 22:52:19	603	9104			pstn1	Outbound	ANSWERED	15s	7s
2016-06-30 22:50:55	603	104				Internal	ANSWERED	6s	4s
2016-06-30 22:50:17	603	9101			pstn2	Outbound	ANSWERED	31s	22s
2016-06-30 22:46:12	603	9101			pstn2	Outbound	ANSWERED	17s	8s

6.OptimizationDescriptions

(1) none

✧ Release Notes of Version 1/12/13.1.0.5

1.Introduction

(1) Firmware Version: 1.1.0.5, 12.1.0.5,13.1.0.5

(2) Applicable Model:MUC1004,MUC2008,MUC2016

(3) Release Date: Dec 03,2015

CHANGES SINCE FIRMWARE RELEASE 1/12/13.1.0.2

2.New Features

(1) Added “System Prompt Settings” on “Voice Management”.

(2) Added support for phone provisioning of Akuvox phone.

(3) Added the feature of “key as send” for Grandstream phones.

3.Optimization

(1) Optimized the feature of update password, allow special characters.

(2) Optimized the feature of special characters are allowed in “Alert-Info”.

4.Bug Fixes

(1) Fixed the issue that the Office Hours and Holiday cannot work properly.

(2) Fixed the issue that the extension page display abnormal when extension account login first then login admin account.

(3) Fixed the issue that the changes for “Email Attachment”, “Play CID”, ”Play Envelope”, ”Delete Voicemail” settings cannot take effect(PBX Basic->Extensions. Edit).

(4) Fixed the issue that the “Global Office Hours”(PBX Basic->General Preferences) setting cannot be saved.

(5) Fixed the issue that the “Inbound Routes. Alert-Info” and “Queues. Alert-Info” and “Ring Groups. Alert-Info” cannot work properly.

(6) Fixed the issue that the “Call Forward” Always send call to Voicemail setting cannot work.

(7) Fixed the issue that the extension page update password cannot work.

(8) Fixed the dispaly that the GUI of Google Chromium browser press F5 to refresh, then the web page was crash.

(9) Fixed the issue that the P2P mode of IAX trunk cannot work.

(10) Fixed the Phone Provisioning cannot manually add the configuration of existing phone.

(11) Fixed the Phone Provisioning cannot work properly when the PBX changes for IP or SIP port.

(12) Fixed the Phone Provisioning cannot work properly when set the codecs empty.

(13) Fixed the Phone Provisioning changes for ”Active” setting cannot take effect.

(14) Fixed the Grandstream phones set Key Settings can’t work normally.

(15) Fixed the Fanvil phones set time zone cannot take effect.

(16) Fixed the Fanvil phones set Key Settings cannot take effect.

(17) Fixed the Yealink phones set codes cannot take effect.

(18) Fixed the Yealink phones set line of Key Settings cannot take effect.

(19) Fixed the Htek phones set codecs empty cannot be saved successfully.

(20) Fixed the Htek phones Line setting cannot take effect.

(21) Fixed the Htek phones configure Key settings cannot take effect.

(22) Fixed the Aastra phones Top Keys and Line settings cannot take effect.

(23) Fixed the Aastra phones set IP for DHCP mode cannot take effect.

(24) Fixed the Snom phones extension Line settings cannot take effect.

(25) Fixed the Cisco phones set time zone part cannot take effect.

(26) Fixed the Cisco phones set part of the spa model cannot take effect.

(27) Fixed the Cisco phones set Key Settings cannot take effect.

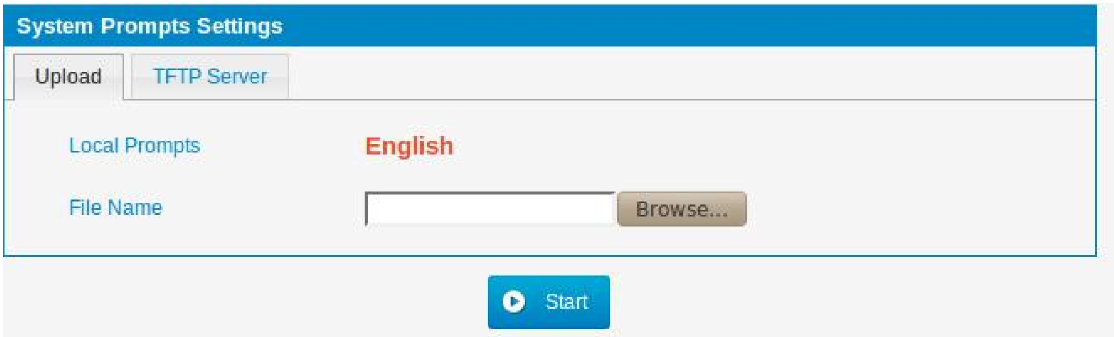
5.New Features Descriptions

(1) Added upload “System Prompt Settings” on “Voice Management”.

Path: Voice Management->System Prompts Settings

Descriptions:

With this feature, you can upload the system prompts.

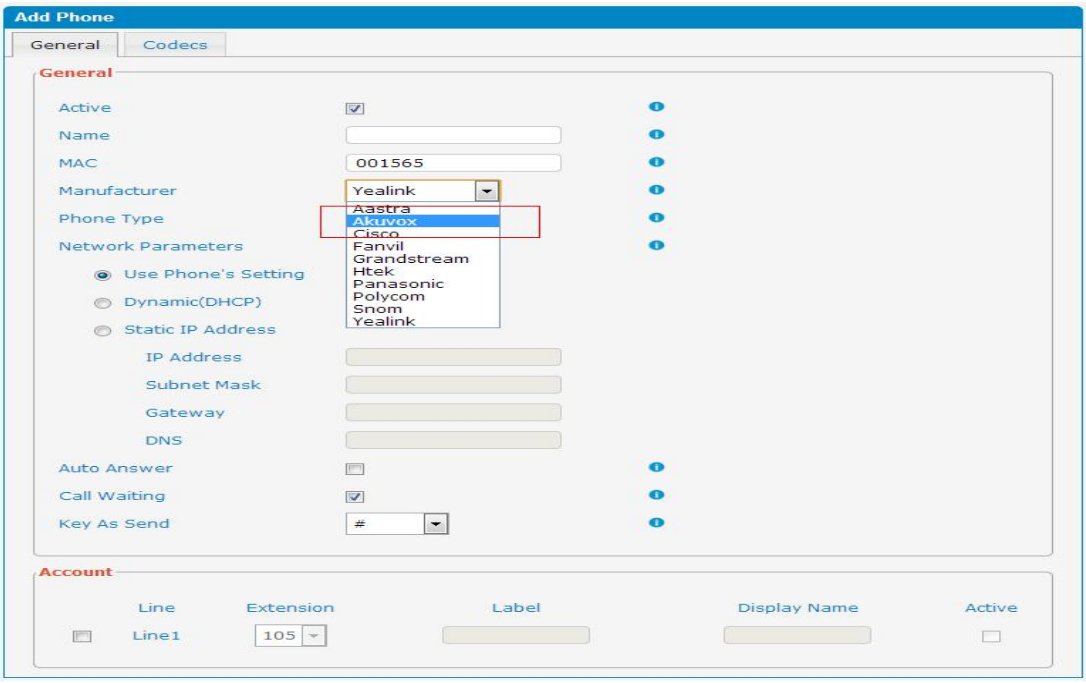


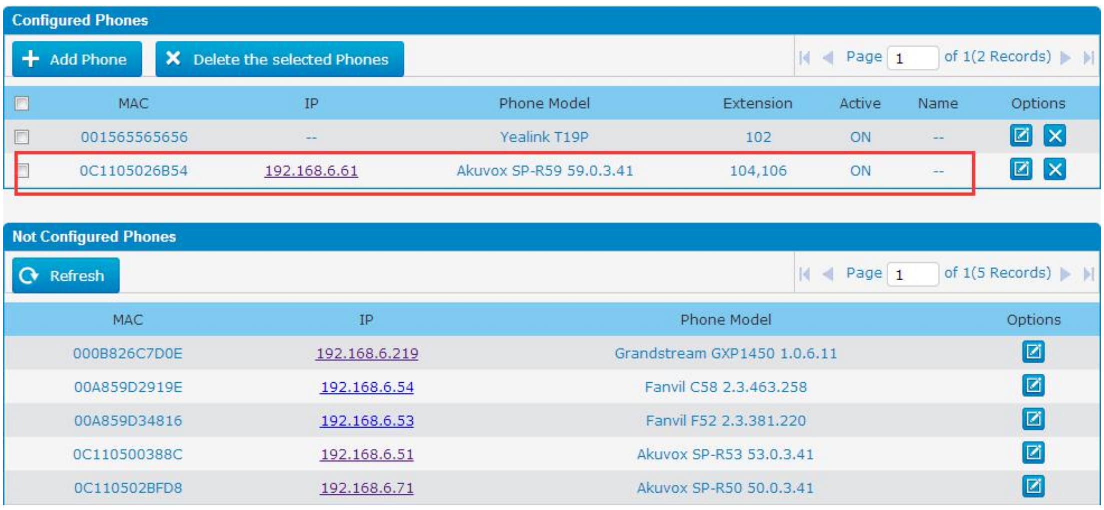
(2) Added support for phone provisioning of Akuvox phone.

Path: Phone Provisioning->Phones

Descriptions:

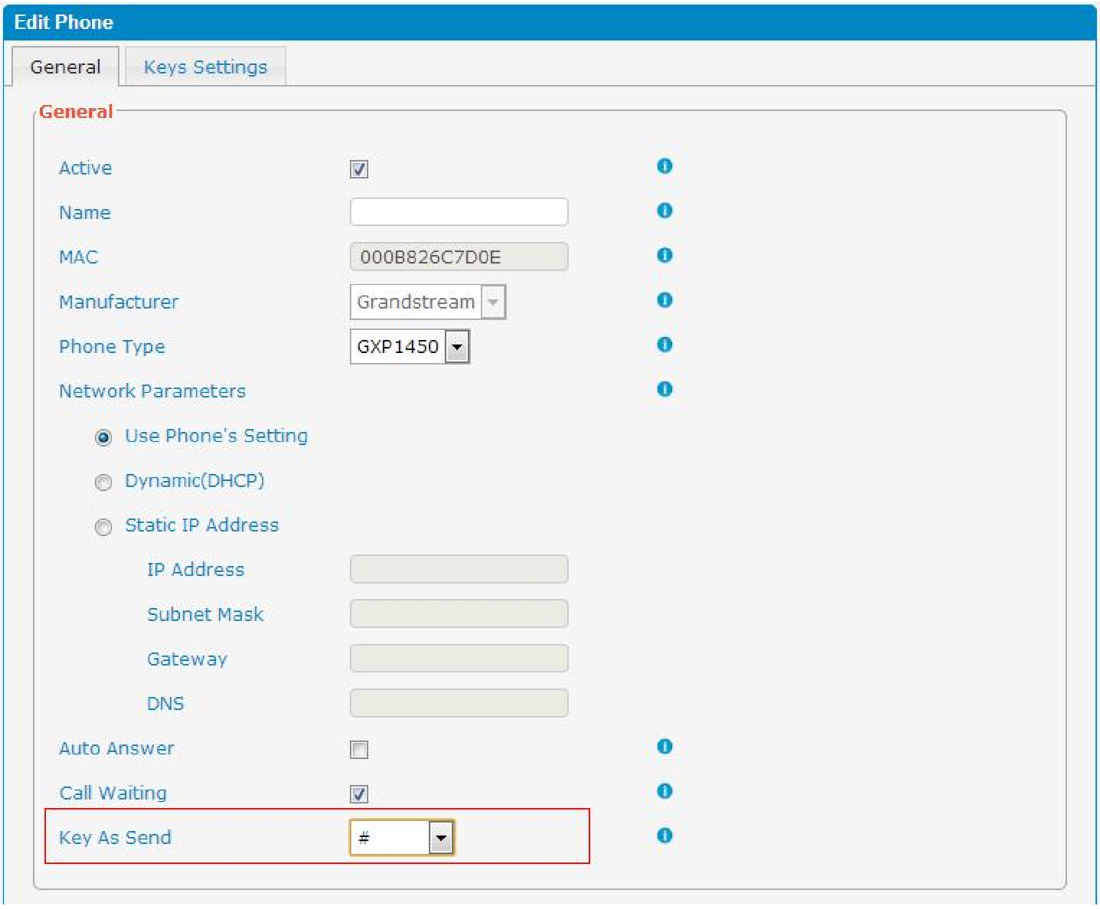
We can configuration Akuvox phones in Phone Provisioning.





(3) Added the feature of "key as send" for Grandstream phones.

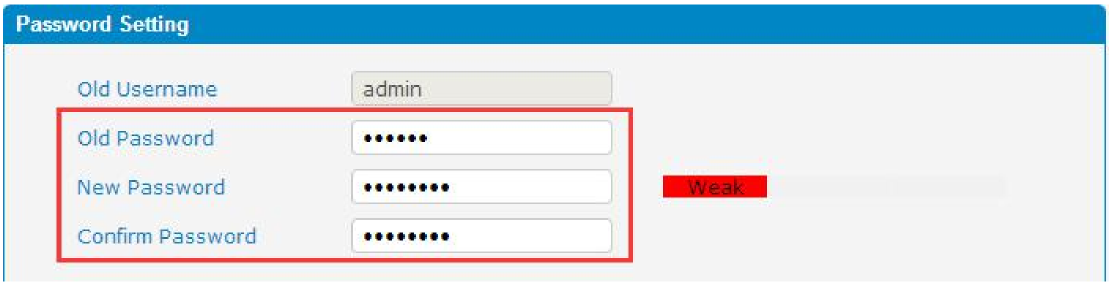
Path: Phone Provisioning->Phones. Edit on the Grandstream phones and set "key as send".



6.OptimizationDescriptions

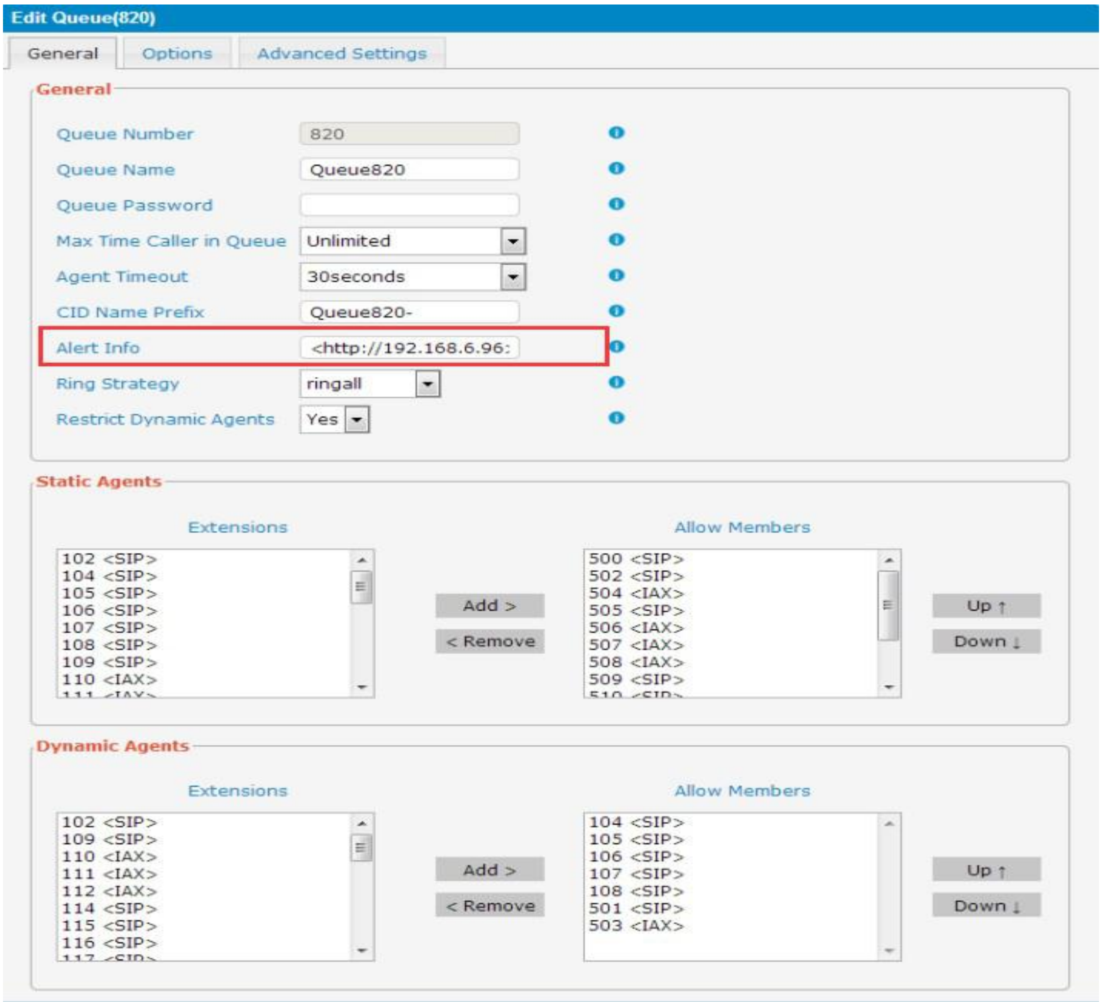
(1) Optimized the feature of update password, allow specialcharacters.

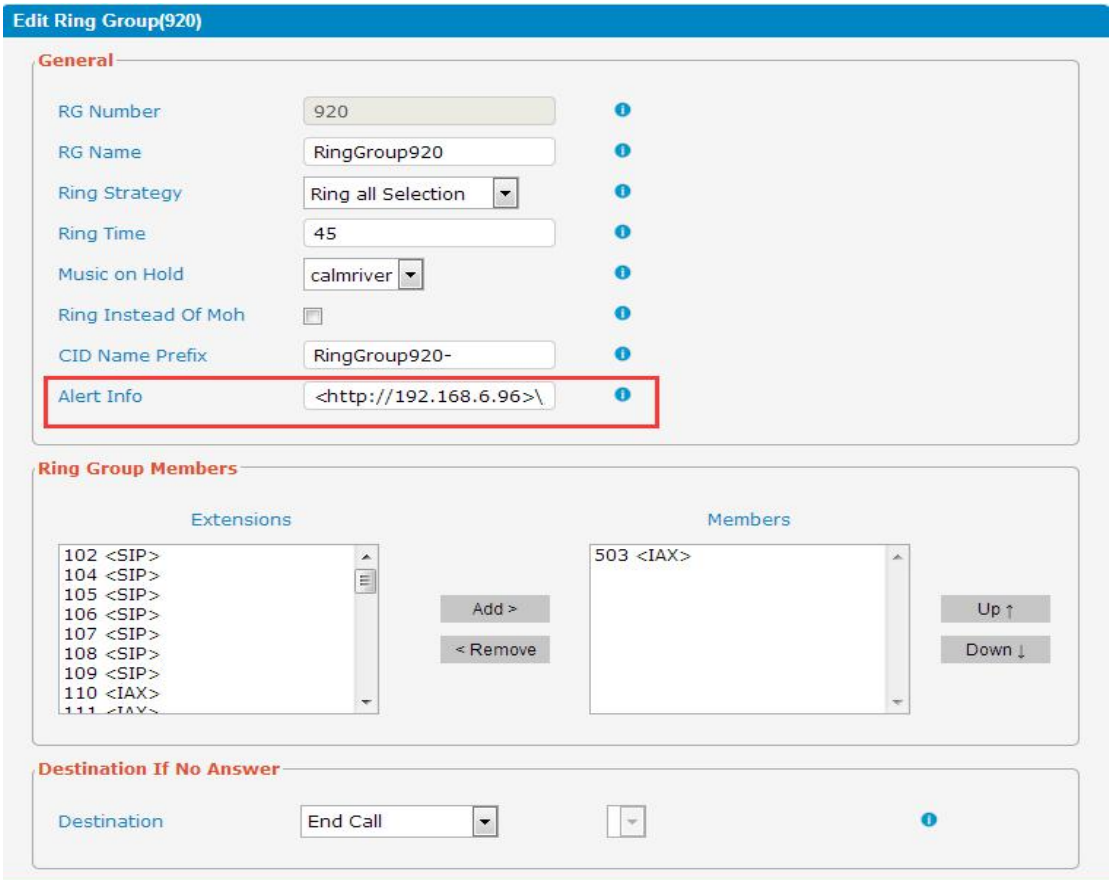
Path:SystemPreferences->Password



(2) Optimized the feature of special characters are allowed in "Alert-Info".

Path: PBX Inbound Call Control->Queues，Ring Groups


Edit Queue(820)
General
Options
Advanced Settings
General
Queue Number
820
Queue Name
Queue820
Queue Password
Max Time Caller in Queue
Unlimited
Agent Timeout
30seconds
CID Name Prefix
Queue820-
Alert Info
<http://192.168.6.96:
Ring Strategy
ringall
Restrict Dynamic Agents
Yes
Static Agents
Extensions
102 <SIP>
104 <SIP>
105 <SIP>
106 <SIP>
107 <SIP>
108 <SIP>
109 <SIP>
110 <IAX>
Add >
< Remove
Allow Members
500 <SIP>
502 <SIP>
504 <IAX>
505 <SIP>
506 <IAX>
507 <IAX>
508 <IAX>
509 <SIP>
Up ↑
Down ↓
Dynamic Agents
Extensions
102 <SIP>
109 <SIP>
110 <IAX>
111 <IAX>
112 <IAX>
114 <SIP>
115 <SIP>
116 <SIP>
Add >
< Remove
Allow Members
104 <SIP>
105 <SIP>
106 <SIP>
107 <SIP>
108 <SIP>
501 <SIP>
503 <IAX>
Up ↑
Down ↓


Edit Ring Group(920)
General
RG Number
920
RG Name
RingGroup920
Ring Strategy
Ring all Selection
Ring Time
45
Music on Hold
calmriver
Ring Instead Of Moh
CID Name Prefix
RingGroup920-
Alert Info
<http://192.168.6.96>\
Ring Group Members
Extensions
102 <SIP>
104 <SIP>
105 <SIP>
106 <SIP>
107 <SIP>
108 <SIP>
109 <SIP>
110 <IAX>
Add >
< Remove
Members
503 <IAX>
Up ↑
Down ↓
Destination If No Answer
Destination
End Call

✧ Release Notes of Version 1/12/13.1.0.2

1. Introduction

(1) Firmware Version: 1.1.0.2, 12.1.0.2,13.1.0.2

(2) Applicable Model:MUC1004,MUC2008,MUC2016

(3) Release Date: Nov 09,2015

CHANGES SINCE FIRMWARE RELEASE 1/12/13.1.0.1

2. New Features

(1)None

3. Optimization

(2)Optimized when adding extension and changing the extension number, automatically revision Display Name, Call ID number, etc.

4. Bug Fixes

(1) Fixed the issue that the Inbound Route to Outbound Route cannot work.

(2) Fixed the issue that set the two Outbound Routes of the same Dial Patterns and dial fail that system will appear problems.

(3) Fixed the issue that Record New Prompt cannot work (Voice Management - > System Recording).

(4) Fixed the issue that the register multiple VoIP account to the same SIP server, inbound route always match to the first account.

(5) Fixed the issue that Call Pickup, Attended Transfer, Blind Transfer, One Touch Record, Call Parking for disabled cannot take effect.

(6) Fixed the issue that the IAX2 extension Call Pickup cannot work.

(7) Fixed the issue that the SIP trunk P2P mode cannot work.

(8) Fixed the issue that VoIP Trunk continue to send registration when deleted the VoIP Trunk.

(9) Fixed the issue that changes for Tos video and Cos video setting cannot take effect (PBX Advanced Settings -> SIP Settings ->QOS)

(10) Fixed the issue that changes for Feature Digit Timeout setting cannot take effect (PBX Basic->Genera IP references)

5. New Features Descriptions

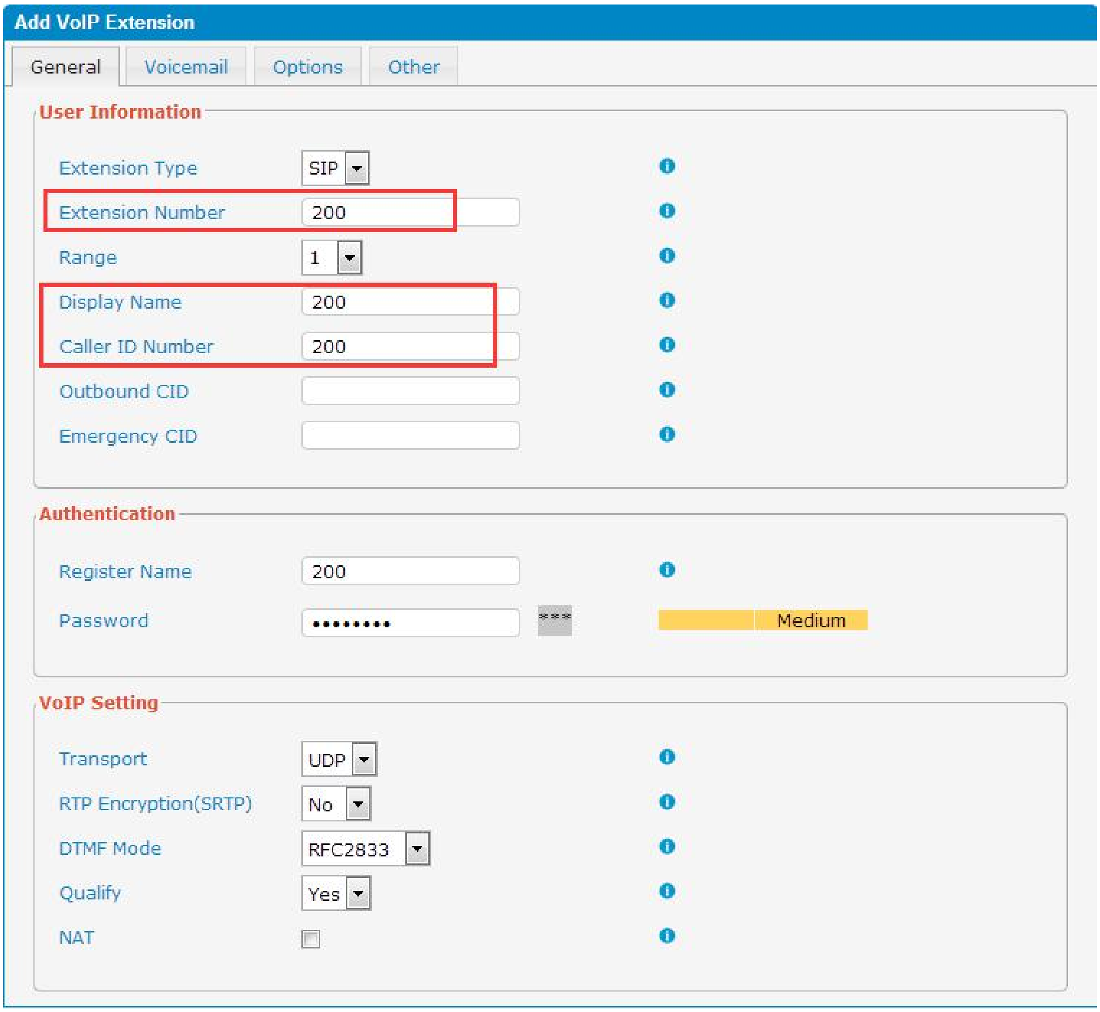
(1)None

6. Optimization Descriptions

(1) Optimized when adding extension and changing the extension number,

automatically revision Display Name, Call ID number ,etc.

Path: PBX Basic->Extension



✧ Release Notes of Version 1/12/13.1.0.1

1. Introduction

(1) Firmware Version: 1.1.0.1, 12.1.0.1,13.1.0.1

(2) Applicable Model:MUC1004,MUC2008,MUC2016

(3) Release Date: Nov 02,2015

CHANGES SINCE FIRMWARE RELEASE 1/12/13.1.0.0

2. New Features

(1)Added SIP prack and early media focus.

3. Optimization

(1)None

4. Bug Fixes

(1) Fixed the issue that T.38 fax for SIP trunk cannot work properly.

(2) Fixed the issue that T.38 -> T.30 cannot work.

(3) Fixed the issue that cannot dial to IAX2extension.

(4) Fixed the issue that changes for “Auto Answer” on Grandstream phones cannot take effect.

(5) Fixed the issue that changes for “Call Waiting” on Grandstream phones cannot take effect.

(6) Fixed the issue that changes for “Keys Settings” on Grandstream phones cannot take effect.

(7) Fixed the issue that changes for GMT-12 on Grandstream phones cannot take effect.

(8) Fixed the issue that unable to delete the configured phones in Phone Provisioning.

(9) Fixed the issue that Phone Provisioning cannot scan all phones within a local area network(LAN).

(10) Fixed the issue that Phone Provisioning for Fanvil phones cannot work.

(11) Fixed the issue that add multiple extensions, it will not begin to increase extensions from the specified extension number.

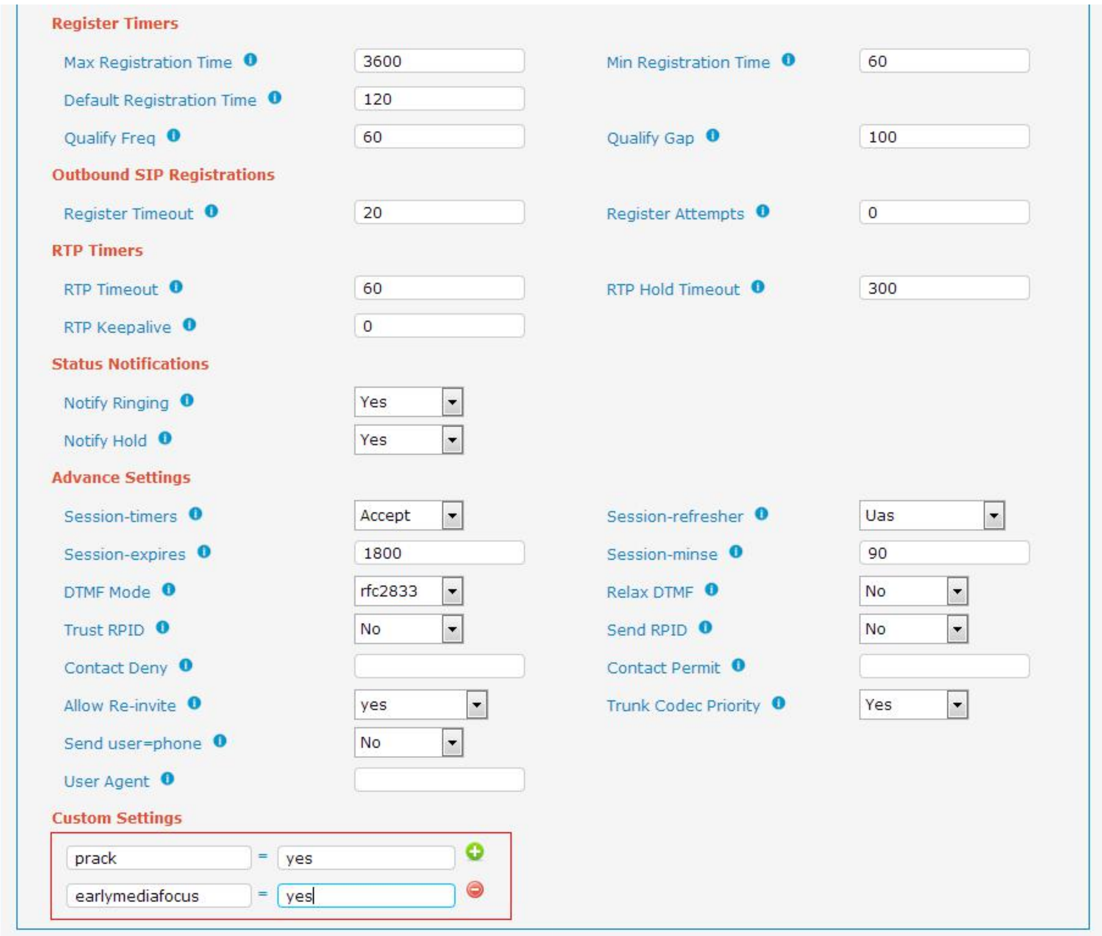
(12) Fixed the issue that changes for Associated Email cannot be saved l (PBX Basic -> Extensions. Edit -> Other -> Fax Configuration -> Associated Email).

5. New Features Descriptions

(1) Added SIP prack and early media focus.

Path: PBX Advanced Settings -> SIP Settings -> Custom Settings

Descriptions: If you want use SIP prack and early media focus, you can setting on SIP Settings.



6. Optimization Descriptions

(1) None

✧ Release Notes of Version 1/12/13.1.0.0

1. Introduction

(1) Firmware Version: 1.1.0.0, 12.1.0.0,13.1.0.0,

(2) Applicable Model:MUC1004,MUC2008,MUC2016

(3) Release Date: Oct 26,2015

CHANGES SINCE FIRMWARE RELEASE 1/12/13.0.0.15

2. New Features

(1) Added support for phone provisioning of Aastra,Cisco,Fanvil,Grandstream,Htek,Panasonic,Polycom,Snom,Yealinkphones.

(2) Added the feature of PIN Users.

(3) Added the feature of Dial by Name.

(4) Added the feature of Feature Digit Timeout.

(5) Added the feature of Bulk add extensions.

(6) Added the feature of FAX detection.

(7) Added the feature of GSM module detection.

3. Optimization

(1)None

4. Bug Fixes

(1) Fixed the issue that Name or Number configured on Extension, IVR, Ring Groups, Conferences, Outbound Routes, Inbound Routes, Paging and Intercom starting with 0 cannot be deleted successfully.

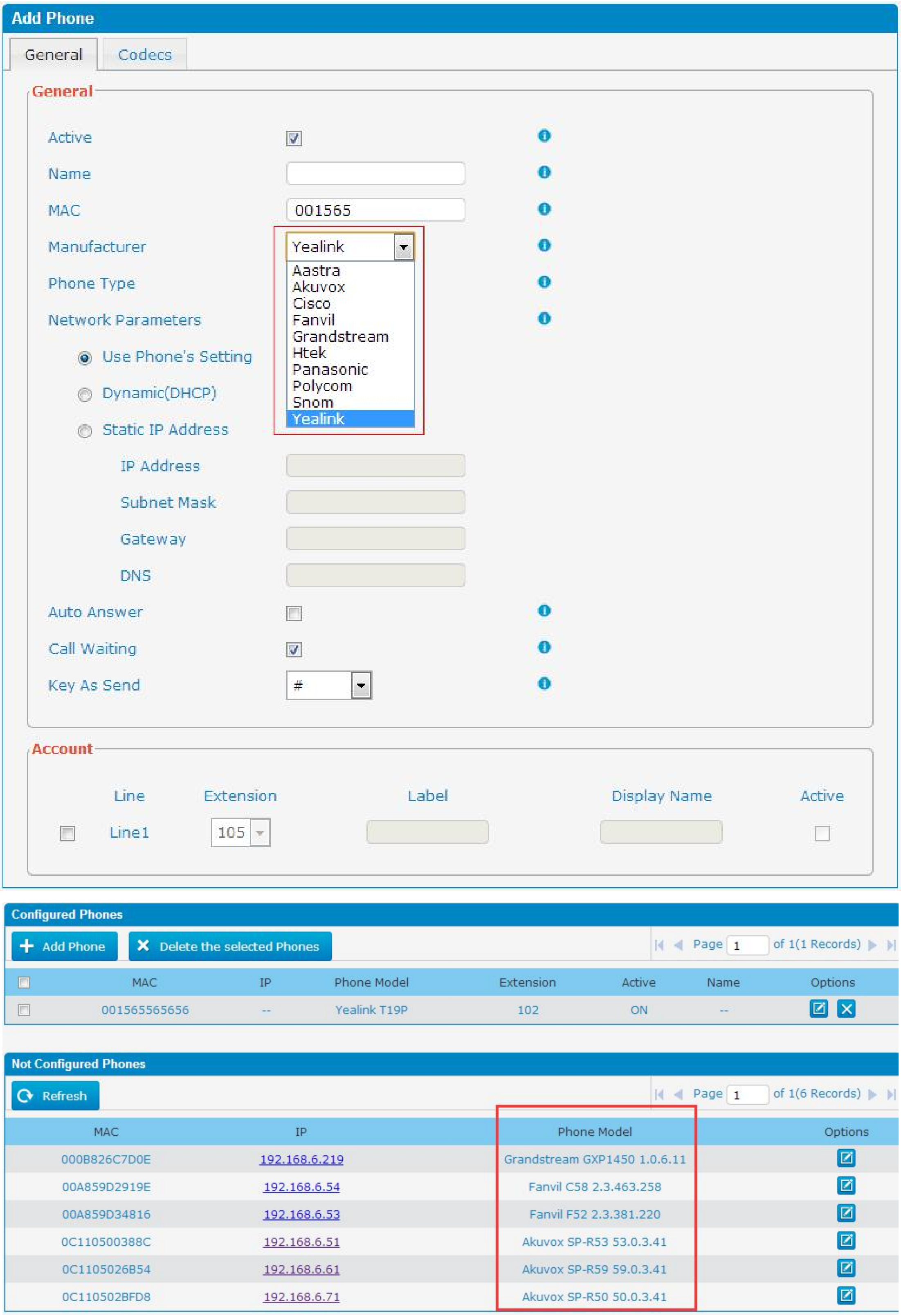
(2) Fixed the issue that the extension password will be covered by the browser cookie's password(PBX Basic -> Extensions. Edit).

(3) Fixed the display that the GUI of Callback was defective when it was configured.

5. New Features Descriptions

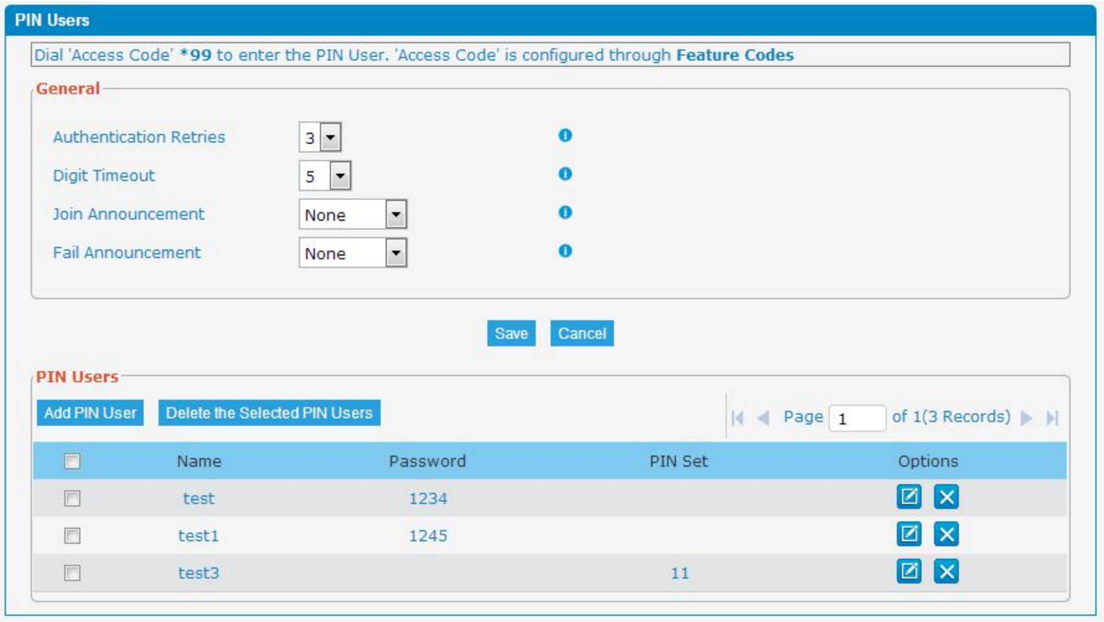
(1) Added support for phone provisioning of Aastra,Cisco,Fanvil,Grandstream,Htek,Panasonic,Polycom,Snom,Yealink phones.

Path: Phone Provisioning->Phones



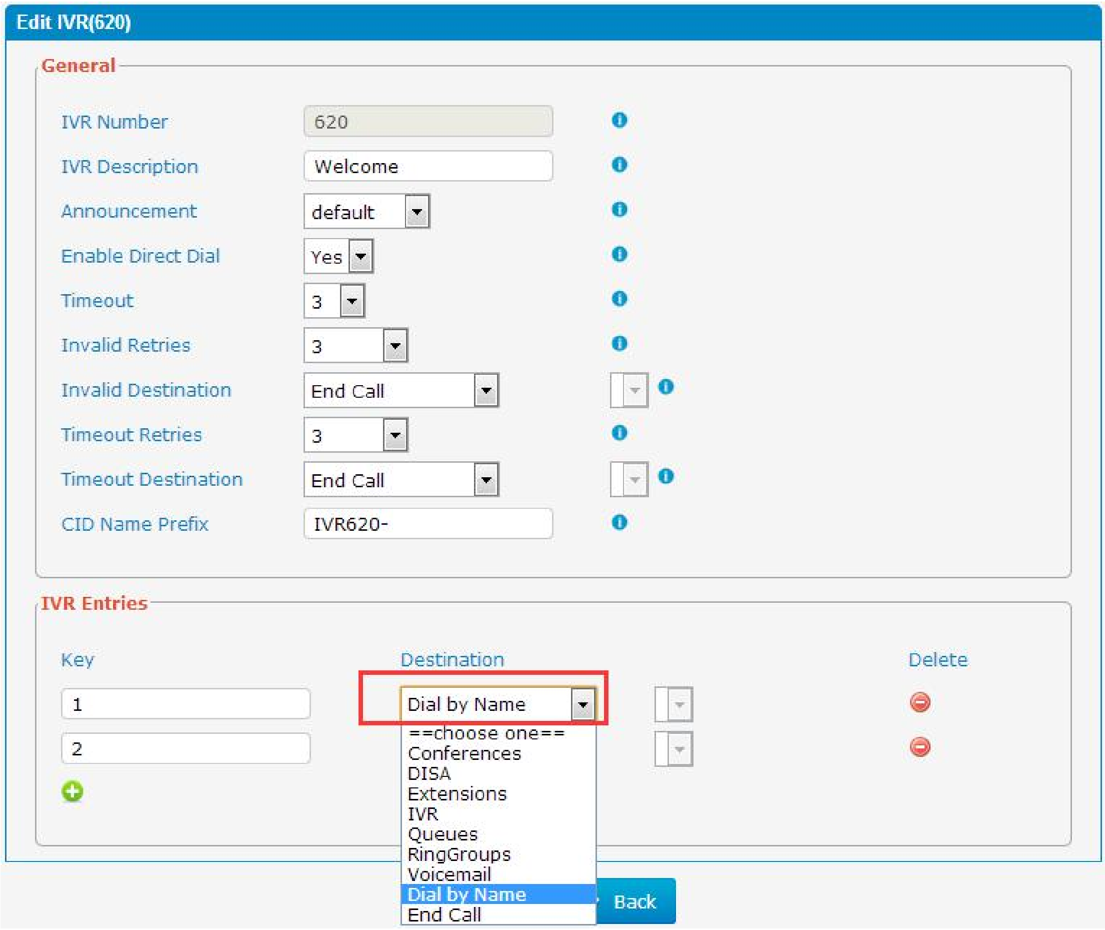
(2) Added the feature of PIN Users.

Path: PBX Advanced Settings->PIN Users

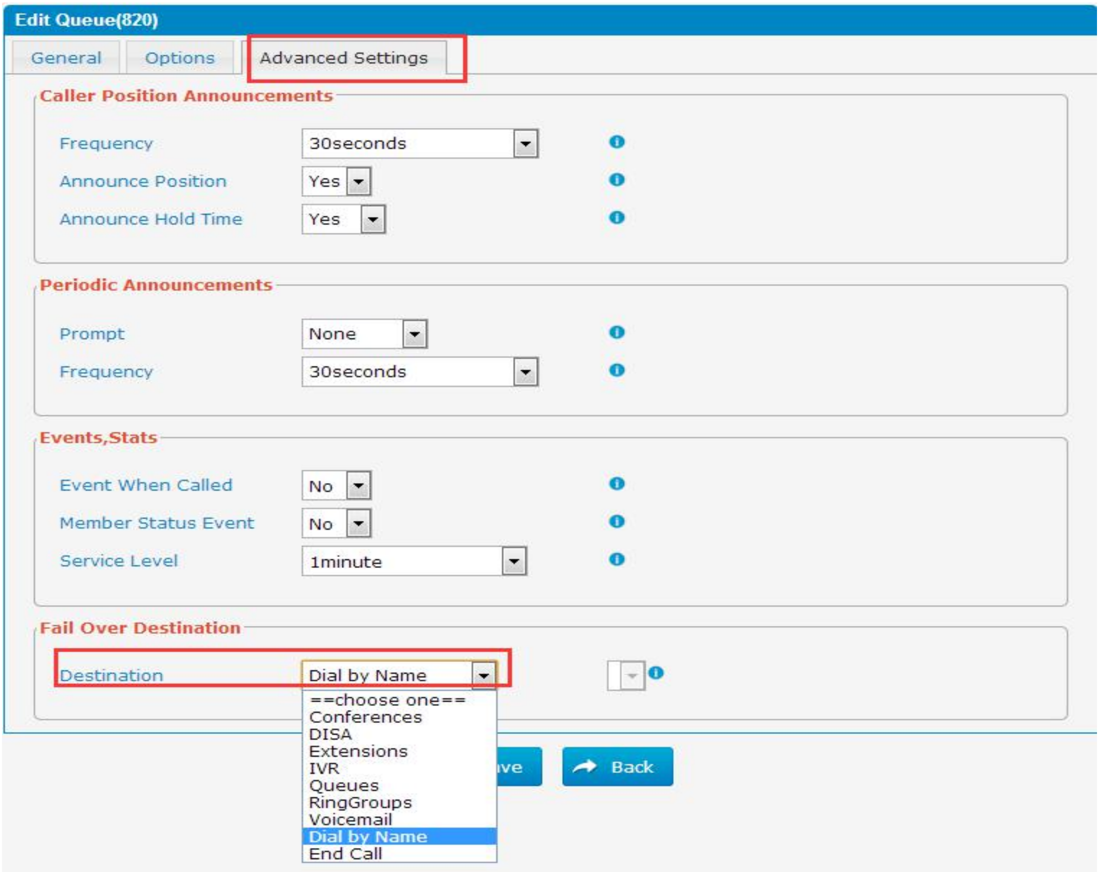


(3) Added the feature of Dial by Name.

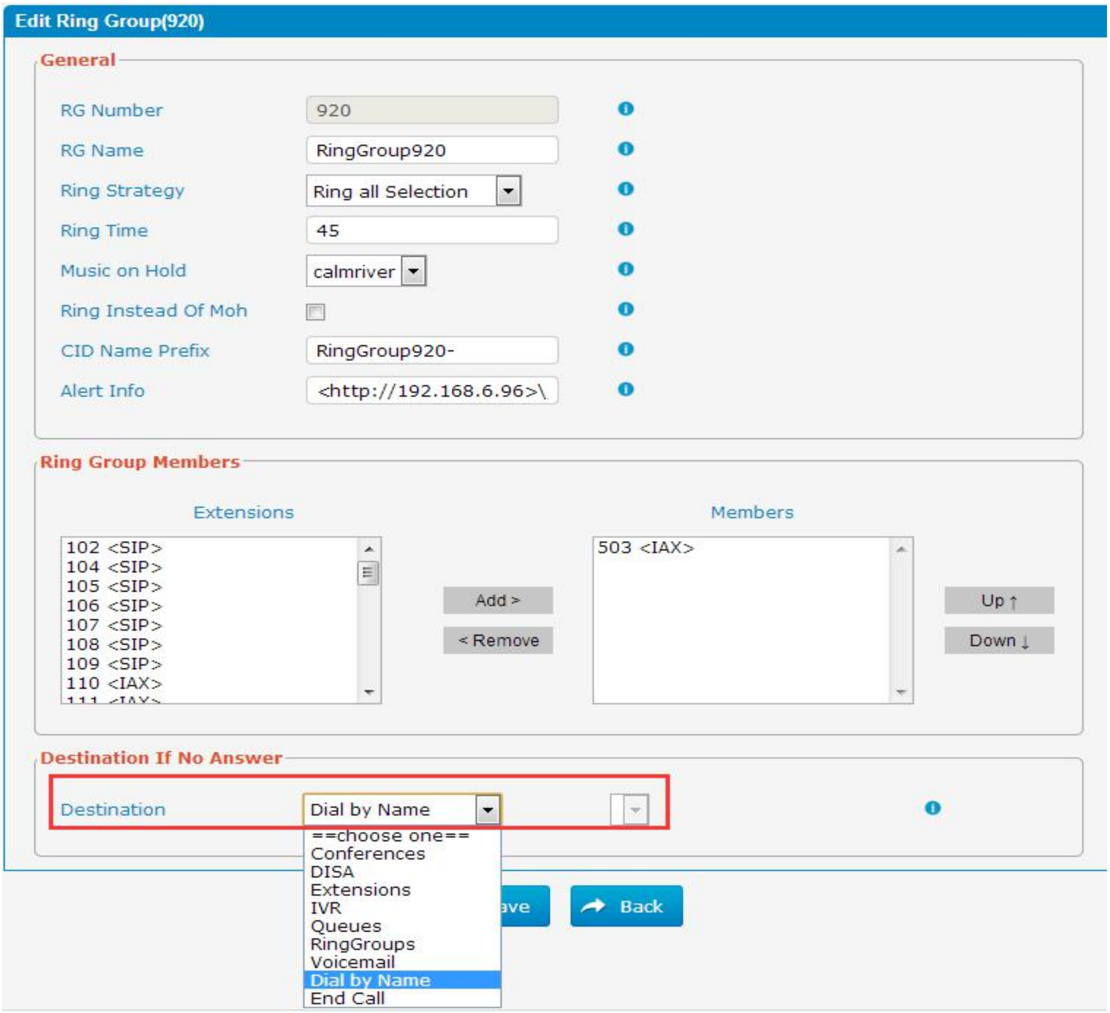
Path: PBX Inbound Call Control->IVR



Path: PBX Inbound Call Control->Queues.

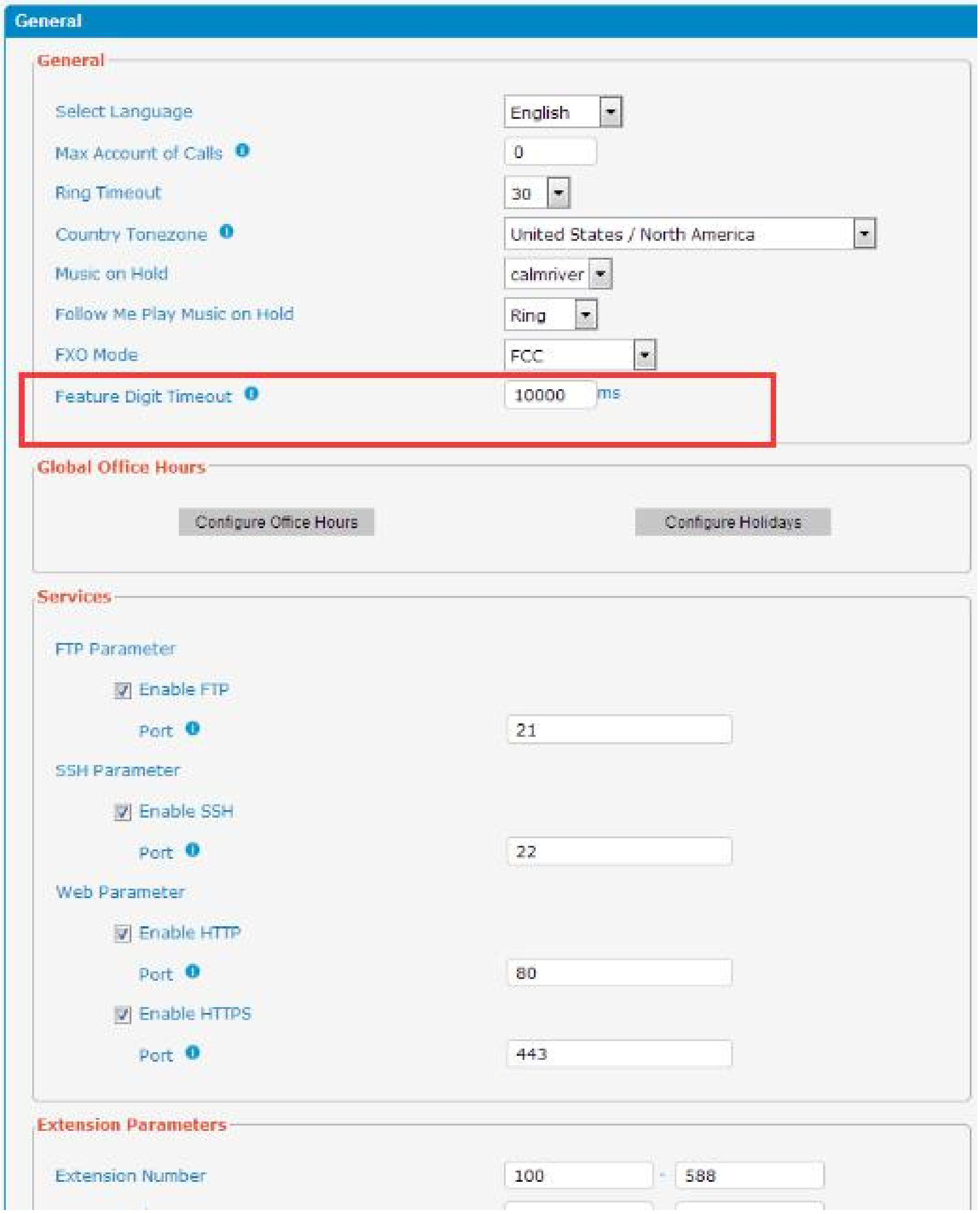


Path: PBX Inbound Call Control-> Ring Groups.



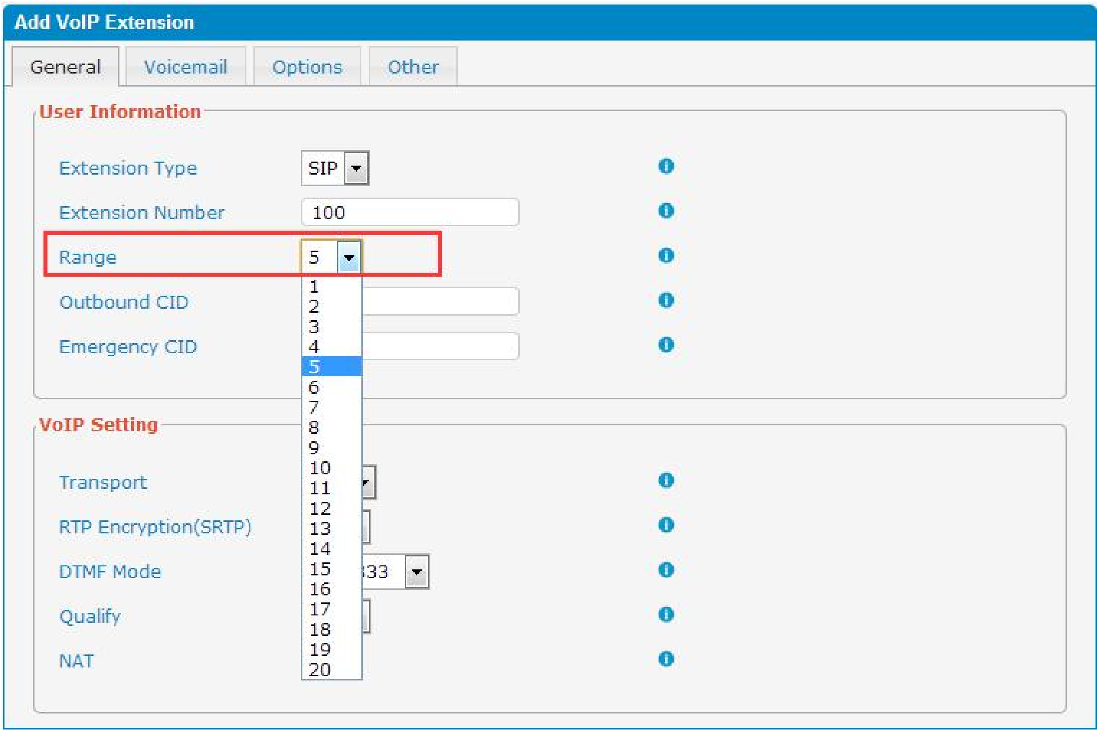
(4) Added the feature of Feature Digit Timeout.

Path: PBX Basic->General Preferences



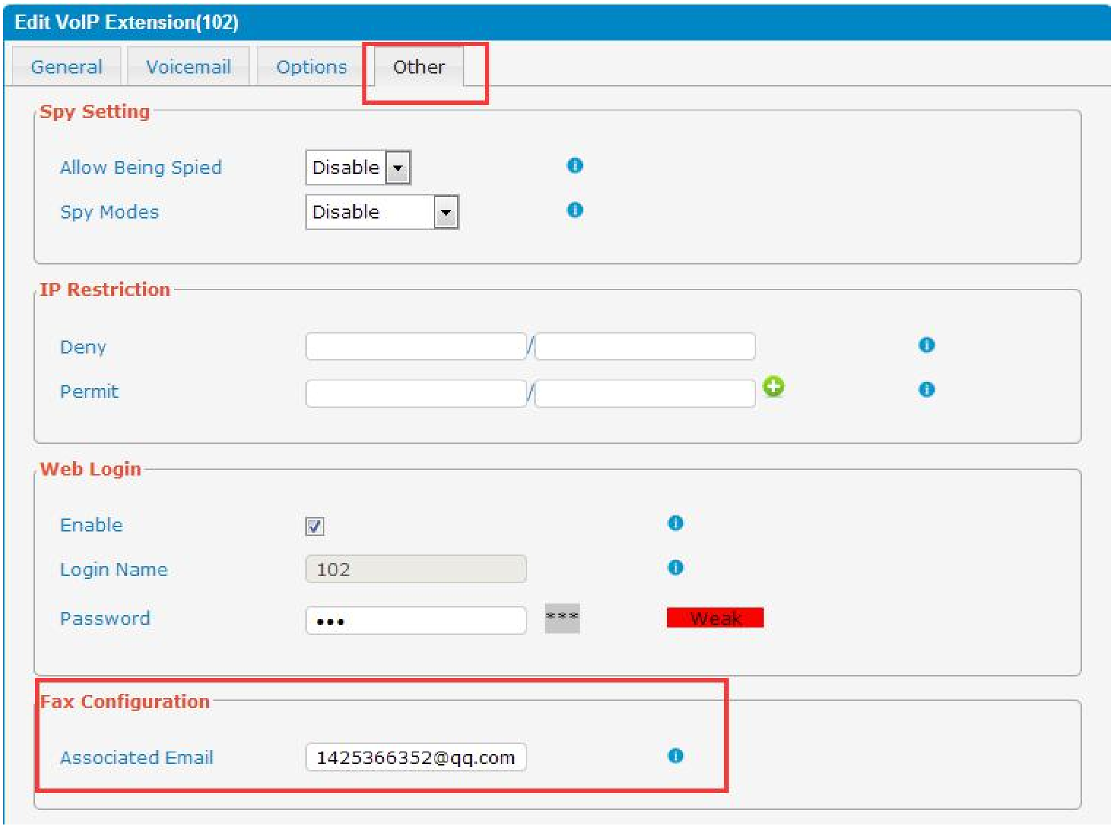
(5) Added the feature of Add bulk extensions.

Path: PBX Basic->Extensions



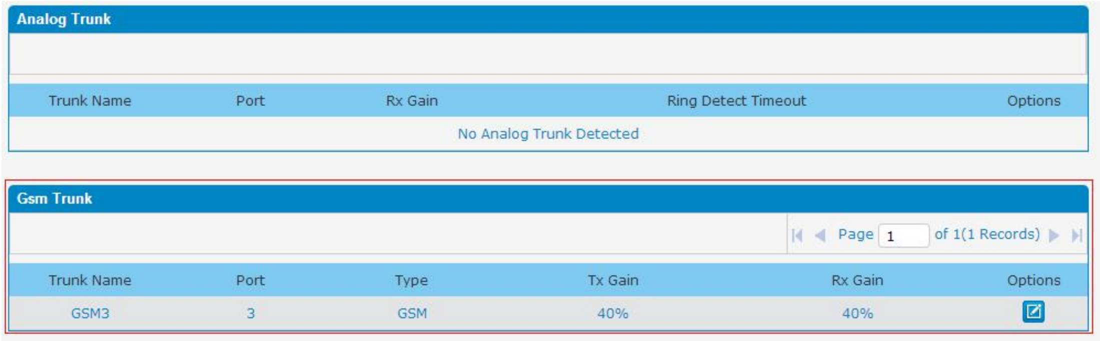
(6) Added the feature of FAX detection.

Path: PBX Basic->Extensions. Edit in extension 102, and Fax Associated Email address.



(7) Added GSM module function.

Path: Trunks->Physical Trunk



6. Optimization Descriptions

(1) None

✧ Release Notes of Version 1/12/13.0.0.15

1. Introduction

(1) Firmware Version: 1.0.0.15, 12.0.0.15, 13.0.0.15

(2) Applicable Model:MUC1004,MUC2008,MUC2016

(3) Release Date: Sep 08,2015

CHANGES SINCE FIRMWARE RELEASE 1/12/13.0.0.13

2. New Features

(1)None

3. Optimization

(1)Optimized of limited special characters.

4. Bug Fixes

(1) Fixed the display that the GUI of CDR Report was defective.

(2) Fixed the display that the GUI of Match Pattern and Strip of Outbound Routes display dislocation.

(3) Fixed the display that the GUI of Outbound Routes Math Pattern input'-' character was defective.

5. New Features Descriptions

(1)None

6. Optimization Descriptions

(1)Optimized of limited special characters.

✧ Release Notes of Version 1/12/13.0.0.13

1. Introduction

(1) Firmware Version: 1.0.0.13, 12.0.0.13,13.0.0.13

(2) Applicable Model:MUC1004,MUC2008,MUC2016

(3) Release Date: Aug 18,2015

CHANGES SINCE FIRMWARE RELEASE 1/12/13.0.0.12

2. New Features

(1)None

3. Optimization

(1) Optimized the feature of extension increased to 50 users from32.

(2) Optimized the display of Web GUI was defective after upgrade.

4. Bug Fixes

(1) Fixed the issue that the multiple user login on different computers, the latter after the success login, the former will be logged out.

(2) Fixed the issue that the configured the transfer number in Call Forward and configured Call Forward always to voicemail cannot take effect.

(3) Fixed the issue that Packet Capture cannot work properly (System Tools -> Packet Capture).

(4) Fixed the display that GUI of General Preferences Ring Timeout was defective.

(5) Fixed the issue that dial *80 cannot work without create Paging and Intercom.

5. New Features Descriptions

(1)None

6. Optimization Descriptions

(1) Optimized the feature of extension increased to 50 users from32.

(2) Optimized the browser cache result in page fault after upgrade.