



2N[®]

VoiceBlue Next



How to configure Callback in 2N[®] VoiceBlue Next

Quick guide

Version 1.00

www.2n.cz

Callback feature allows you to save money in mobile calls made from abroad to the office. The mobile phone which is in a foreign country calls the SIM number of VBN and stop calling after hear one ring. VBN will callback the mobile phone and once the call is accepted, all the SIP extensions can be accessed saving roaming costs of conventional international call.

1. Create incoming group for callback

Access VBN web interface: open your web browser and enter the default GSM IP address 192.168.1.2. Then enter default credentials.

Go to menu **Gateway Control-> Gateway Configuration ->GSM Incoming Groups**

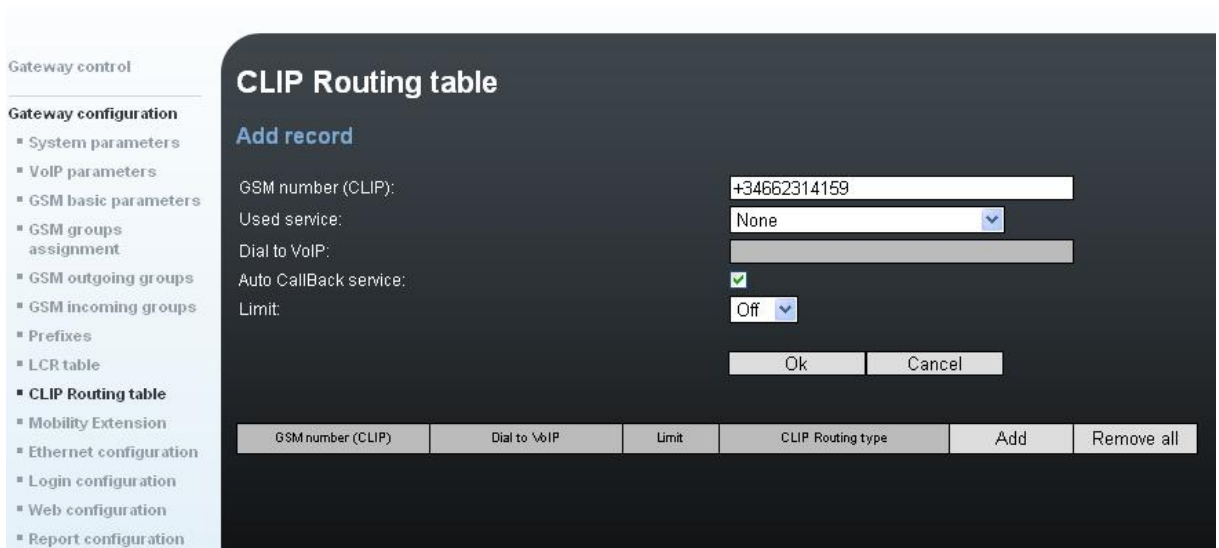
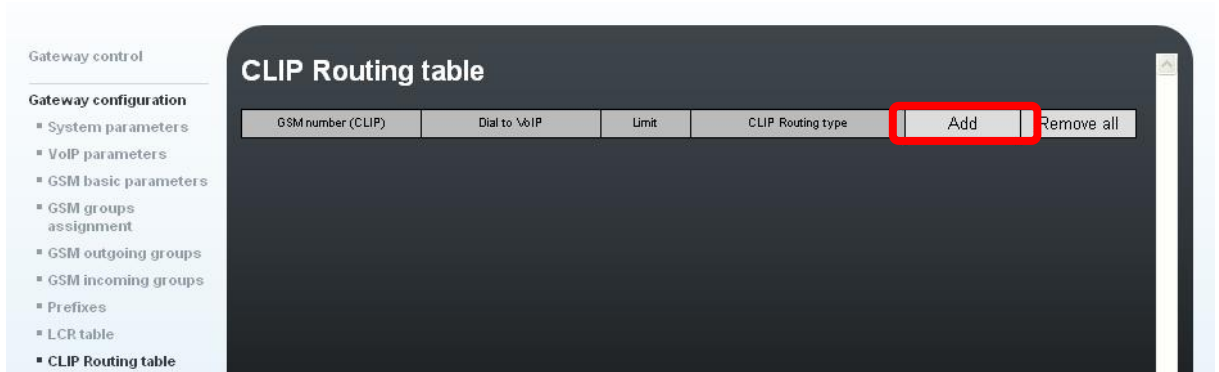
Select one of the 2 groups that will be dedicated to Callback (example: 1). Then choose either mode *Callback after ring/Reject* or *Callback after ring/Refuse*.

Add + in *CLIP(- removes one digit)* . Set the configuration of the digits that necessary to call an extension (*Maximum digits in DTMF*. Set enough timeout to dial the numbers in *DTMF dialling timeout* (10 for example).

Save settings

2. Specify numbers in CLIP Routing Table

Next step is to specify the phone numbers that are allowed to use Callback. Go to **Gateway Configuration** and select **CLIP routing table**. Add a new number to the table (for example: +34662314159). This number will be recognized by the system. *Used service* must be disabled (None) and make it sure that **Auto Callback service** checkbox is on.



Save settings

3. Prefix configuration

In order to callback we need to set up the international prefix in menu **Gateway Configuration->Prefixes**. In this case all numbers will be processed including its international prefix (in the example: +34). Fill *prefix and Replace with* with +34 and the press Add.

Gateway control

Gateway configuration

- System parameters
- VoIP parameters
- GSM basic parameters
- GSM groups assignment
- GSM outgoing groups
- GSM incoming groups
- Prefixes**
- LCR table
- CLIP Routing table
- Mobility Extension
- Ethernet configuration
- Login configuration
- Web configuration
- Report configuration

Configuration backup

Prefixes

GSM prefix lists

Prefixlist 1 | Prefixlist 2 | Prefixlist 3 | Prefixlist 4 | Prefixlist 5 | Prefixlist 6 | Prefixlist 7 | Prefixlist 8

Basic settings

GSM network ID:

Default count of digits:

Table of replaced prefixes

Only 0123456789*# characters are allowed

+34/+34

Prefix:

Replace with:

Add

Remove

Remove all

Table of accepted prefixes

Only 0123456789*# characters are allowed

0
1
2
3
4
5
6
7
8
9

Prefix:

[Digits count]:

Add

Remove

Remove all

4. LCR table

Go to LCR table menu and check how the calls are processed. In this case GSM group 1 and Prefixlist 1 must be selected. Otherwise you can edit or add noticing that the first row it will be the first to be processed in LCR router.

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LCR table

Prefix list	Time limitation	Weekend usage	Max. length of call	Groups	Add	Remove all
1/	0:00/24:00	Use as in week	Off	1	Edit	Remove

5. Further checking

If you think VoiceBlueNext it is properly configured but Callback function is still not working. Please make a trace using Hypertrm program and search in the text if the call establishment is indicated with the **CBACK** message

```
00066: g00/g00--> idle.ind clear [06:29:59.99]
00068: -->g00 +CRING: VOICE [06:30:19.66]
00069: [gate2: g00/1, IDLE/111]
00070: -->g00 +CLIP: "+420734523340",145,,,,0 [06:30:19.70]
00071: [gate2: g00/1, IDLE/118]
00072: g00/g00--> setup.ind GRP-1 CHA-0 CDN- CGN-+420734523340 [06:30:19.70]
00073: [gate3: g00, CBACK]
00074: -->g00 +CIEV: call,0 [06:30:21.61]
00075: [gate3: g00, NULL]
00076: g00/g00--> setup.ind (012) GRP-1 CHA-0 CDN- CGN-+420734523340 (63/15) [06:30:21.61]
00085: [gate3: g00, CINIT]
00086: g00/vxx<+> setup.req GRP-1 CDN-+420734523340 CGN- [06:30:25.70]
00087: [gate2: g00/1, CALL/120]
00088: <+>g00 ATD#31#+420734523340; [06:30:25.70]
00089: -->g00 OK [06:30:25.91]
00090: [gate2: g00/1, CALL/121]
```

In case it is not present please, check the configuration once more, otherwise check if LCR is routing correctly.



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