

How to create a DID

In this library, you will learn how to register DIDs step by step — that is, the numbers that will be entered to be used for calls in Crocodial.

- [How to access the page to register DIDs](#)
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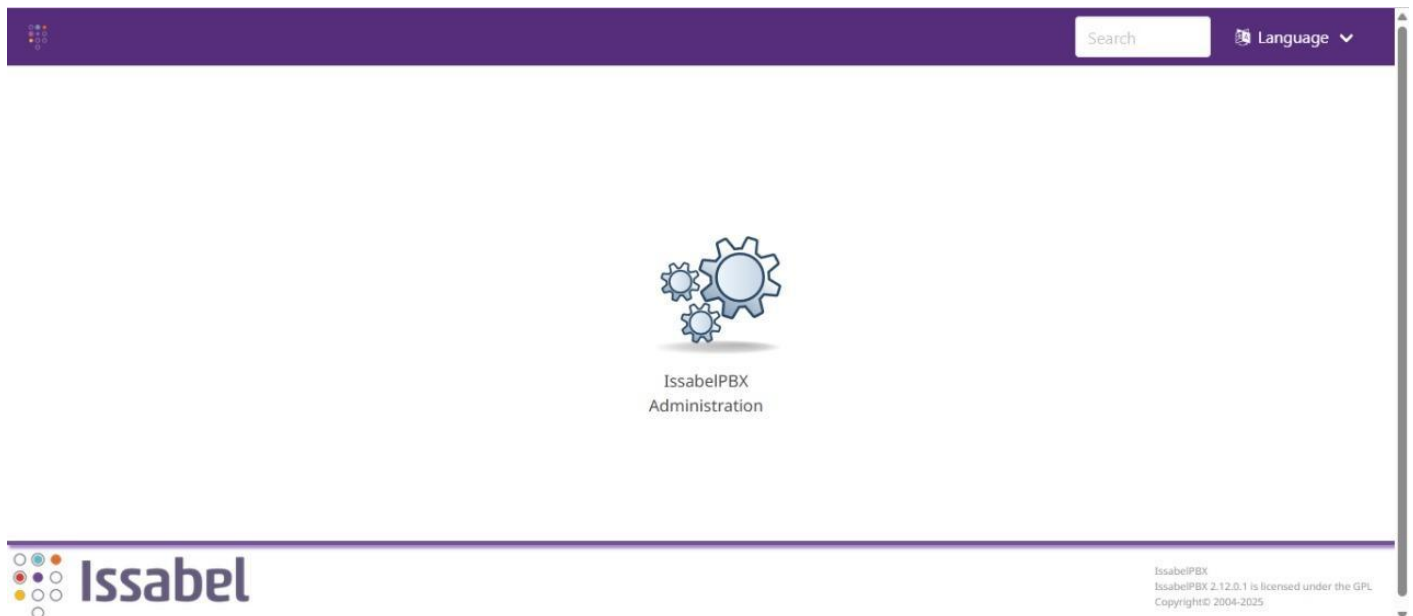
How to access the page to register DIDs

First, you will need to access the following webpage: [<http://sip-gw.croco-dial.net/admin/config.php>]

Warning: Ensuring that your VPN is activated.

Next.

Click on the logo located at the center of the page, and log in using the credentials that have been assigned to you. Once completed, you will have successfully entered the site.





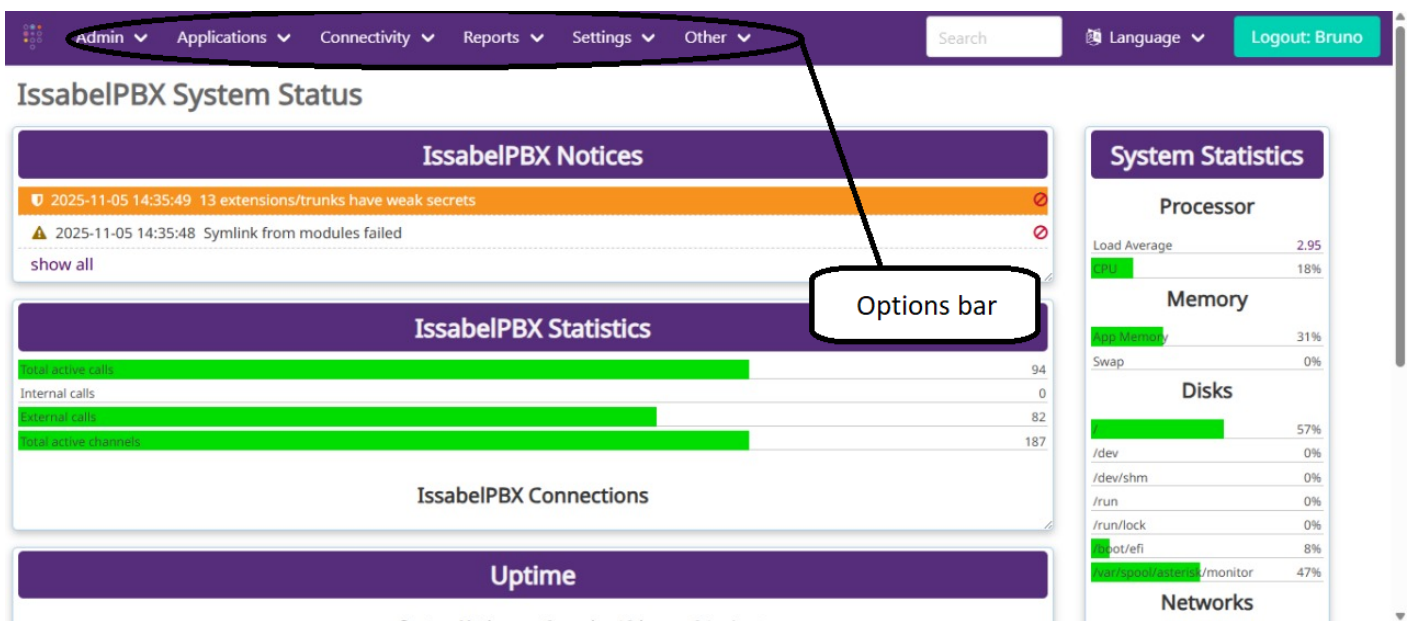
To get started, please enter your credentials:

[Continue](#)

How to create the DID registry

In this case, you will need to follow a series of steps designed to create the DID extensions.

As the first step, once you are inside the IssabelPBX webpage, locate the options menu situated on the top navigation bar of the page.



You will need to open the **“Applications”** option, which will display a multi-option menu. From this menu, select the **“Extensions”** option.

The screenshot shows the IssabelPBX System Status page. The top navigation bar includes 'Admin', 'Applications', 'Connectivity', 'Reports', 'Settings', and 'Other'. The 'Applications' menu is expanded, showing options like 'Announcements', 'Call Recording', 'DISA', 'Follow Me', 'Misc Applications', 'Parking', 'Ring Groups', 'Time Conditions', 'Wake Up Calls', 'Boss Secretary', 'Callback', 'Dynamic Features', 'IVR', 'Misc Destinations', 'Queue Priorities', 'Set CallerID', 'Time Groups', 'Write In Queue Log', 'Call Flow Control', 'Conferences', 'Extensions', 'Languages', 'Paging And Intercom', 'Queues', 'Text To Speech', and 'Voicemail Blasting'. The 'Extensions' option is highlighted with a black box. Below the menu, there are several sections: 'IssabelPBX Statistics' with a table of active calls and channels, 'IssabelPBX Connections', and 'Uptime'. On the right, there is a 'System Statistics' panel showing Processor, Memory, Disks, and Networks usage.

Category	Value
Total active calls	103
Internal calls	0
External calls	89
Total active channels	205

Once you are inside the **“Extensions”** section, you will need to click the **“Submit”** button to begin the first step in the extension setup process.

The screenshot shows the 'Add an Extension' page. The top navigation bar is the same as in the previous screenshot. The main heading is 'Add an Extension'. Below it, there is a message: 'Please select your Device below then click Submit'. A dropdown menu for 'Device' is open, showing 'Generic PJSIP Device - Port:5060'. A 'Submit' button is highlighted with a black box. On the right, there is a search bar for extensions and a list of existing extensions. At the bottom right, there are 'Submit', 'Reset', and 'Back' buttons. The 'Submit' button is also highlighted with a black box.

Once inside, you will need to fill in the **“User Extension”** and **“Display Name”** fields with the information that has been assigned to you. In the **“User Extension”** field, enter the new number, and in the **“Display Name”** field, enter the corresponding portfolio. To complete this step, click **“Submit”** to temporarily save this part of the process. However, please note that pressing **“Submit”** does not permanently save the changes. Proceed with caution, as I will explain how to fully save the configuration in later steps—this action only secures the changes for the ongoing setup process.

Despues de presionar sumit la pagina te regresara al principio y esta vez seleccionaras la opcion de Connectivity y se te abraira otra barra de opciones donde seleccionaras Inbound Routes

When you access the **Inbound Routes** section, you will need to complete four fields — the first two are located under **General Settings**, and the last two under **Set Destination**.

The first two fields to fill out are:

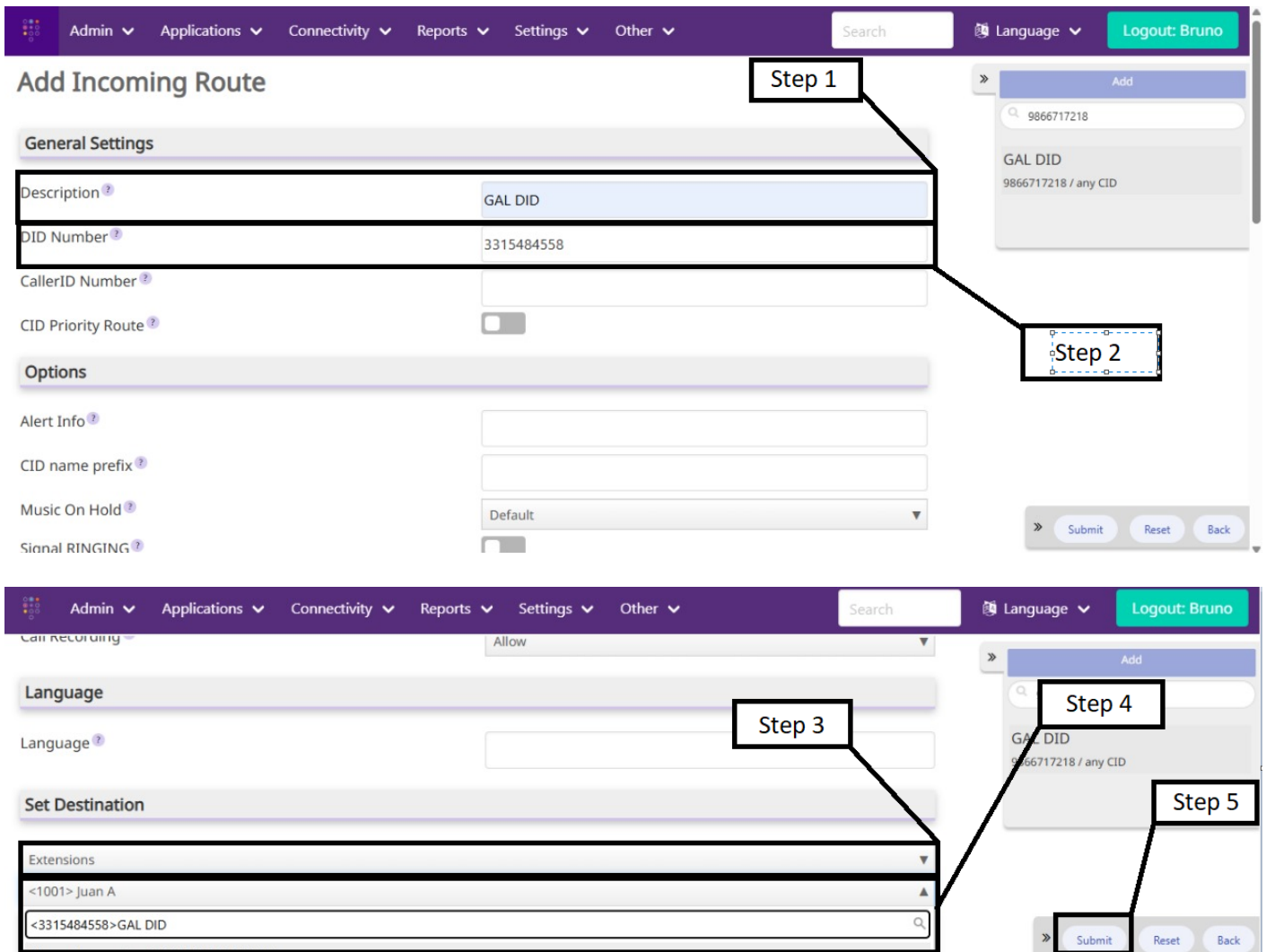
- **Description:** Enter the portfolio corresponding to the number.
- **DID Number:** Enter the new number you are currently working on.

Next, scroll down to the bottom of the page to find the **Set Destination** subsection. There, you will need to fill in two additional options:

- In the first option, select **“Extensions.”**
- In the second field, enter the same number used in the previous steps (it is not necessary to include any special characters—typing only the number will display the corresponding

option).

Finally, click **“Submit”** to save the changes made.



Once the number has been registered, return to the main page. Then, click on **“Applications”** again and select **“Extensions.”** You will notice that, in the upper-right corner of the page (just below the **“Logout”** button), there is a search field. In that field, enter the number you are currently working with. When the corresponding number appears below, select it to continue.

After selecting the number, several tables will appear. Locate the one labeled **“Device Options.”** Within this table, you will find a field called **“Secret.”** The content of this field will appear blurred until you hover your cursor over it.

Using the information you have obtained, you will now need to create the registration string. Follow these steps carefully:

1. **Insert the number** you are registering at both the beginning and end of the string:
2. **Add the password** you retrieved from the **“Secret”** field in the middle:
3. **Include the server address** as follows:

Finally, to simplify the registration process in the future, add the prefix **“register =>”** before the entire string:

```
register
=>3315484558:381af6662eef9a2db11f4cd8003809fc@sip-
gw.croco-dial.net/3315484558
```

How to add DIDs to the server

First, you will need to access the **Terminus** application. Once inside, add or open the **server** to which the **DIDs** will be assigned.

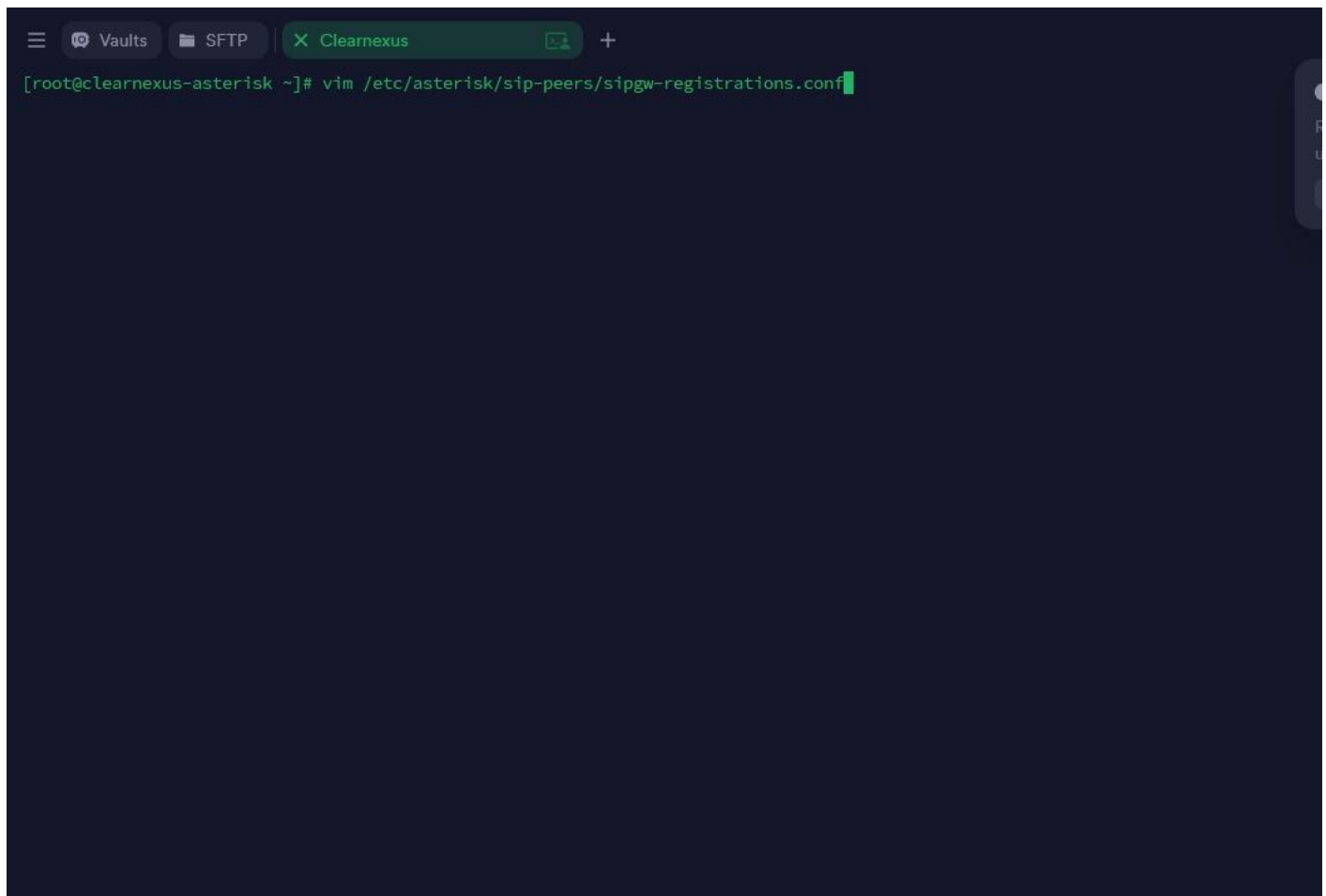
Warning: Make sure the corresponding **VPN** is activated before proceeding.

Once you are in the server terminal, you must verify that the **registration strings** exist. To do this, enter the following path in the terminal:

```
vim /etc/asterisk/sip-peers/sipgw-registrations.conf
```

After entering this path, you should see the existing registration records.

If no records are found, they must be created (please notify the team in this case).



Once inside, you will see all the registration records that have been created within the system at that path. There are two possible actions you can take:

1. Press the **"I"** key. The word **"INSERT"** will appear at the bottom of the screen, allowing you to add the registration entries exactly as they were configured in the extension.
2. To exit **insert mode**, press the **"Esc"** key. The word **"INSERT"** will disappear, indicating that you can now exit the file.

To save your changes and exit the terminal path, type the following command:

```
:wq

register => 7017797391:4ba04b7fa48e482e879b935440a0ae71@sip-gw.croco-dial.net/7017797391
register => 7019759110:d5d674e506ae9f032a8c7fe6aeccf4f@sip-gw.croco-dial.net/7019759110
register => 7025524037:d6e6a8981b59915e54559c5dcc8e7de6@sip-gw.croco-dial.net/7025524037
register => 7129868714:d247a79bff696f0049db78b354a4b3dc@sip-gw.croco-dial.net/7129868714
register => 7196749713:be6ac10d7eb37903e3dddc8c1be6c643@sip-gw.croco-dial.net/7196749713
register => 7198827304:0df960ebd77dc286518e1f3b80b57b64@sip-gw.croco-dial.net/7198827304
register => 7199468692:17c4d7f2cde729d16d9ba9b103856203@sip-gw.croco-dial.net/7199468692
register => 7203549248:55ee946cea386d3b2a955a44a58f0409@sip-gw.croco-dial.net/7203549248
register => 7208238657:11da0069fe5e8efe5398a064e68bedf3@sip-gw.croco-dial.net/7208238657
register => 7208817716:1c8d981fb154152e33bc61974274add4@sip-gw.croco-dial.net/7208817716
register => 7315002071:201c0db422ba911e9940758ea4d8f774@sip-gw.croco-dial.net/7315002071
register => 7579740763:7781dc3f06e6608468e8695d2e5c12ba@sip-gw.croco-dial.net/7579740763
register => 7746545342:d185134dc505ec5a0996011cf4308dc1@sip-gw.croco-dial.net/7746545342
register => 7757035559:d1196b123243b0d7fe2ed5b445305f4@sip-gw.croco-dial.net/7757035559
register => 7759080804:34339b76648bc020c166ba9837fce2fe@sip-gw.croco-dial.net/7759080804
register => 7856485186:60584a99d6a28326b53a4b29e822e2ec7@sip-gw.croco-dial.net/7856485186
register => 8017804153:5a4e46489164a0411cf1dd265270f652@sip-gw.croco-dial.net/8017804153
register => 8018432322:4eb171c6797206180f78343af8c7a94a@sip-gw.croco-dial.net/8018432322
register => 8019307439:6713f11e947de547420ab706fa4d26ee@sip-gw.croco-dial.net/8019307439
register => 8038206814:74b75834ff2702ac1f09fd8fcc2c0158@sip-gw.croco-dial.net/8038206814
register => 8046704744:2ea7e2ab99f71e9ee16f047f8b8f4e63@sip-gw.croco-dial.net/8046704744
register => 8127433566:548e907ec5e5d74ccc421845a590b41a@sip-gw.croco-dial.net/8127433566
register => 8439780457:435aad7d48885b8306a3bd390d5eebcf@sip-gw.croco-dial.net/8439780457
register => 9048394594:82633c3c7d60dce1144e2348e5ff0ba3@sip-gw.croco-dial.net/9048394594
register => 9049781400:1bf4adc589972688927aee7f75d0e7df@sip-gw.croco-dial.net/9049781400
register => 9152955752:d3afa549b25a1e96256b9df546ae5db8@sip-gw.croco-dial.net/9152955752
register => 9153065611:34ca7b85b61a1d38a0ae73a4a20098dd@sip-gw.croco-dial.net/9153065611
register => 9186023791:4f8efb9d6f9b0c9f412d1cdb306e5013@sip-gw.croco-dial.net/9186023791
register => 9519514944:5b22f11e3409c24b01224ebe20863e36@sip-gw.croco-dial.net/9519514944
register => 9713654391:c3ea55056f24352adff9a858286cee25@sip-gw.croco-dial.net/9713654391

;last added by aldo:
register => 9719308715:e30227b2f02d1255257e09ac58d07e57@sip-gw.croco-dial.net/9719308715
register => 9866717218:2633998f56082934697b08c63990e57f@sip-gw.croco-dial.net/9866717218

-- INSERT --
```

```
register => 7017797391:4ba04b7fa48e482e879b935440a0ae71@sip-gw.croco-dial.net/7017797391
register => 7019759110:d5d674e506ae9f032a8c7fe6aeccf4f@sip-gw.croco-dial.net/7019759110
register => 7025524037:d6e6a8981b59915e54559c5dcc8e7de6@sip-gw.croco-dial.net/7025524037
register => 7129868714:d247a79bff696f0049db78b354a4b3dc@sip-gw.croco-dial.net/7129868714
register => 7196749713:be6ac10d7eb37903e3dddc8c1be6c643@sip-gw.croco-dial.net/7196749713
register => 7198827304:0df960ebd77dc286518e1f3b80b57b64@sip-gw.croco-dial.net/7198827304
register => 7199468692:17c4d7f2cde729d16d9ba9b103856203@sip-gw.croco-dial.net/7199468692
register => 7203549248:55ee946cea386d3b2a955a44a58f0409@sip-gw.croco-dial.net/7203549248
register => 7208238657:11da0069fe5e8efe5398a064e68bedf3@sip-gw.croco-dial.net/7208238657
register => 7208817716:1c8d981fb154152e33bc61974274add4@sip-gw.croco-dial.net/7208817716
register => 7315002071:201c0db422ba911e9940758ea4d8f774@sip-gw.croco-dial.net/7315002071
register => 7579740763:7781dc3f06e6608468e8695d2e5c12ba@sip-gw.croco-dial.net/7579740763
register => 7746545342:d185134dc505ec5a0996011cf4308dc1@sip-gw.croco-dial.net/7746545342
register => 7757035559:d1196b123243b0d7fe2ed5b445305f4@sip-gw.croco-dial.net/7757035559
register => 7759080804:34339b76648bc020c166ba9837fce2fe@sip-gw.croco-dial.net/7759080804
register => 7856485186:60584a99d6a28326b53a4b29e822e2ec7@sip-gw.croco-dial.net/7856485186
register => 8017804153:5a4e46489164a0411cf1dd265270f652@sip-gw.croco-dial.net/8017804153
register => 8018432322:4eb171c6797206180f78343af8c7a94a@sip-gw.croco-dial.net/8018432322
register => 8019307439:6713f11e947de547420ab706fa4d26ee@sip-gw.croco-dial.net/8019307439
register => 8038206814:74b75834ff2702ac1f09fd8fcc2c0158@sip-gw.croco-dial.net/8038206814
register => 8046704744:2ea7e2ab99f71e9ee16f047f8b8f4e63@sip-gw.croco-dial.net/8046704744
register => 8127433566:548e907ec5e5d74ccc421845a590b41a@sip-gw.croco-dial.net/8127433566
register => 8439780457:435aad7d48885b8306a3bd390d5eebcf@sip-gw.croco-dial.net/8439780457
register => 9048394594:82633c3c7d60dce1144e2348e5ff0ba3@sip-gw.croco-dial.net/9048394594
register => 9049781400:1bf4adc589972688927aee7f75d0e7df@sip-gw.croco-dial.net/9049781400
register => 9152955752:d3afa549b25a1e96256b9df546ae5db8@sip-gw.croco-dial.net/9152955752
register => 9153065611:34ca7b85b61a1d38a0ae73a4a20098dd@sip-gw.croco-dial.net/9153065611
register => 9186023791:4f8efb9d6f9b0c9f412d1cdb306e5013@sip-gw.croco-dial.net/9186023791
register => 9519514944:5b22f11e3409c24b01224ebe20863e36@sip-gw.croco-dial.net/9519514944
register => 9713654391:c3ea55056f24352adff9a858286cee25@sip-gw.croco-dial.net/9713654391

;last added by aldo:
register => 9719308715:e30227b2f02d1255257e09ac58d07e57@sip-gw.croco-dial.net/9719308715
register => 9866717218:2633998f56082934697b08c63990e57f@sip-gw.croco-dial.net/9866717218

:wq
```

Once back at the main terminal, you will need to verify that the **DIDs** have been added correctly. To do this, you must access **Asterisk** by typing the following command in the terminal:

```
rasterisk
```

To confirm that you are inside Asterisk, the terminal prompt should now display:

```
asterisk*CLI>
```

Next, you will check the registration lists to ensure there are no duplicates and to distinguish the newly added entries from the existing ones. Enter the following command:

```
sip show registry
```

Please note that the lists may not have been updated yet—this initial check is only to compare existing and new entries. To update the lists, run the following command:

```
sip reload
```

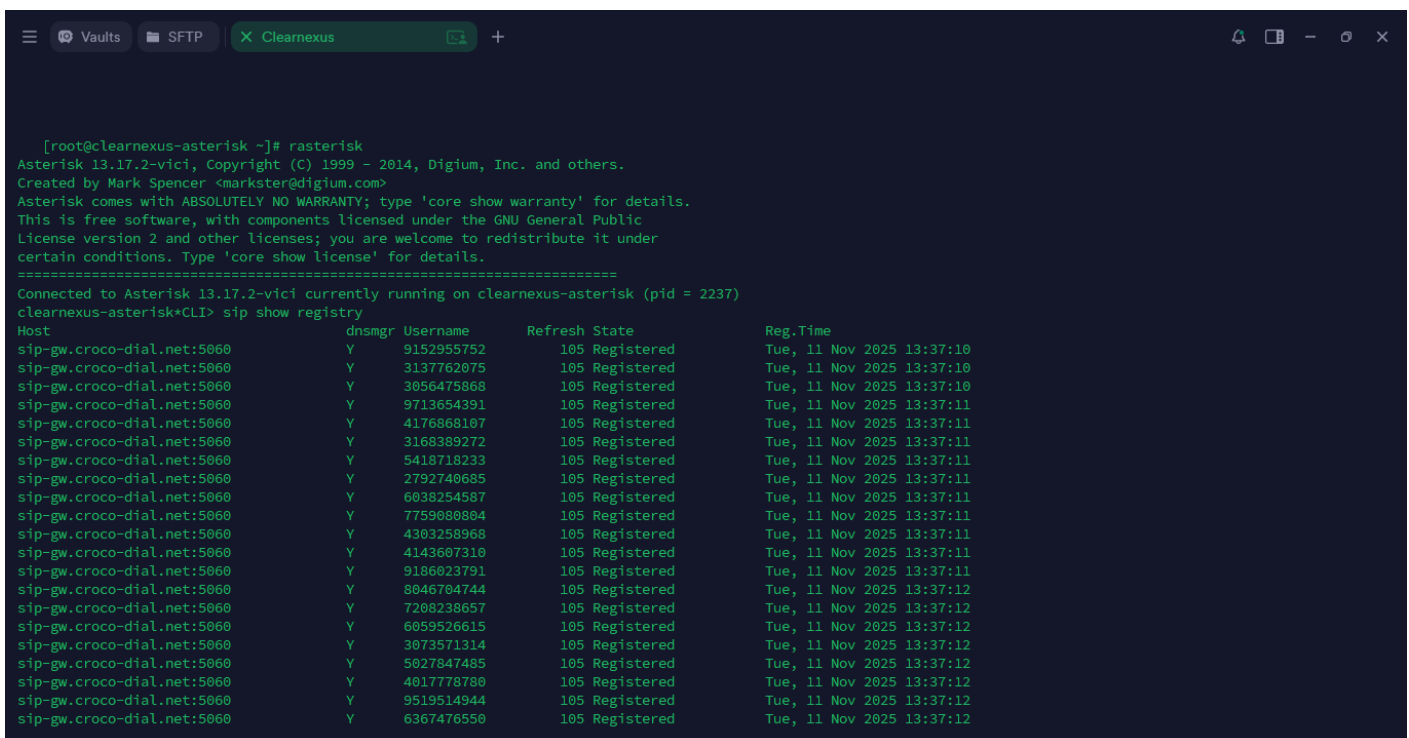
This will refresh the list with the newly added numbers. Then, run the previous command again:

```
sip show registry
```

Now verify that the numbers you added appear correctly and that the **DIDs** are being processed properly.

In the **Terminus** terminal, locate the subcategories named **dnsmgr** and **refresh state**.

All entries under these sections must display the letter **Y** and show the status **Registered**.



```
[root@clearnexus-asterisk ~]# rasterisk
Asterisk 13.17.2-vici, Copyright (C) 1999 - 2014, Digium, Inc. and others.
Created by Mark Spencer <markster@digium.com>
Asterisk comes with ABSOLUTELY NO WARRANTY; type 'core show warranty' for details.
This is free software, with components licensed under the GNU General Public
License version 2 and other licenses; you are welcome to redistribute it under
certain conditions. Type 'core show license' for details.
-----
Connected to Asterisk 13.17.2-vici currently running on clearnexus-asterisk (pid = 2237)
clearnexus-asterisk*CLI> sip show registry
Host                               dnsmgr Username      Refresh State      Reg.Time
sip-gw.croco-dial.net:5060         Y             9152955752         105 Registered      Tue, 11 Nov 2025 13:37:10
sip-gw.croco-dial.net:5060         Y             3137762075         105 Registered      Tue, 11 Nov 2025 13:37:10
sip-gw.croco-dial.net:5060         Y             3056475868         105 Registered      Tue, 11 Nov 2025 13:37:10
sip-gw.croco-dial.net:5060         Y             9713654391         105 Registered      Tue, 11 Nov 2025 13:37:11
sip-gw.croco-dial.net:5060         Y             4176868107         105 Registered      Tue, 11 Nov 2025 13:37:11
sip-gw.croco-dial.net:5060         Y             3168389272         105 Registered      Tue, 11 Nov 2025 13:37:11
sip-gw.croco-dial.net:5060         Y             5418718233         105 Registered      Tue, 11 Nov 2025 13:37:11
sip-gw.croco-dial.net:5060         Y             2792740685         105 Registered      Tue, 11 Nov 2025 13:37:11
sip-gw.croco-dial.net:5060         Y             6038254587         105 Registered      Tue, 11 Nov 2025 13:37:11
sip-gw.croco-dial.net:5060         Y             7759080804         105 Registered      Tue, 11 Nov 2025 13:37:11
sip-gw.croco-dial.net:5060         Y             4303258968         105 Registered      Tue, 11 Nov 2025 13:37:11
sip-gw.croco-dial.net:5060         Y             4143607310         105 Registered      Tue, 11 Nov 2025 13:37:11
sip-gw.croco-dial.net:5060         Y             9186023791         105 Registered      Tue, 11 Nov 2025 13:37:11
sip-gw.croco-dial.net:5060         Y             8046704744         105 Registered      Tue, 11 Nov 2025 13:37:12
sip-gw.croco-dial.net:5060         Y             7208238657         105 Registered      Tue, 11 Nov 2025 13:37:12
sip-gw.croco-dial.net:5060         Y             6059526615         105 Registered      Tue, 11 Nov 2025 13:37:12
sip-gw.croco-dial.net:5060         Y             3073571314         105 Registered      Tue, 11 Nov 2025 13:37:12
sip-gw.croco-dial.net:5060         Y             5027847485         105 Registered      Tue, 11 Nov 2025 13:37:12
sip-gw.croco-dial.net:5060         Y             4017778700         105 Registered      Tue, 11 Nov 2025 13:37:12
sip-gw.croco-dial.net:5060         Y             9519514944         105 Registered      Tue, 11 Nov 2025 13:37:12
sip-gw.croco-dial.net:5060         Y             6367476550         105 Registered      Tue, 11 Nov 2025 13:37:12
```

To finalize the process, you will need to access the **EMMA** platform, where all the numbers you have registered should appear.

Once logged in, follow these steps:

1. Click on the **Inbound** option.
2. Then select **Show DIDs**.
3. Review the list to ensure that all the numbers you added are displayed, that they are **activated**, and that each one has the **Call Menu** option enabled.

The screenshot displays the Vicidial administration interface. The left sidebar contains the 'ADMINISTRATION' menu with options like Reports, Users, Campaigns, Lists, Scripts, Filters, Inbound, Show DIDs, Add A New DID, Copy DID, Show Call Menus, Add A New Call Menu, Copy Call Menu, Filter Phone Groups, Add Filter Phone Group, Add-Delete FPG Number, User Groups, and Remote Agents. The 'Inbound' menu is expanded, and 'Show DIDs' is selected. The main content area shows a table of DIDs with columns for DID, DESCRIPTION, CARRIER, ACTIVE, ADMIN GROUP, ROUTE, REC, and MODIFY. The table contains six rows of data. Annotations 'Step 1', 'Step 2', and 'Step 3' are placed over the interface to indicate the steps: 'Step 1' points to the 'Inbound' menu, 'Step 2' points to the 'Show DIDs' option, and 'Step 3' points to the table of DIDs.

DID	DESCRIPTION	CARRIER	ACTIVE	ADMIN GROUP	ROUTE	REC	MODIFY
2100075081	SKY Main 2100075081		Y	--ALL--	CALLMENU	N	MODIFY
2107599995	GFI main 2107599995		Y	--ALL--	CALLMENU	N	MODIFY
2108300066	GLF Collections 2108300066		Y	--ALL--	CALLMENU	N	MODIFY
2109390710	GLF Loans 2109390710		Y	--ALL--	CALLMENU	N	MODIFY
371119950718035	SKY Main 371119950718035		Y	--ALL--	CALLMENU	N	MODIFY
469825532450092	GFI Main 469825532450092		Y	--ALL--	CALLMENU	N	MODIFY
541428540409230	GLF Main 541428540409230		Y	--ALL--	CALLMENU	N	MODIFY
6463475194	6463475194		Y	--ALL--	CALLMENU	N	MODIFY