

# 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.

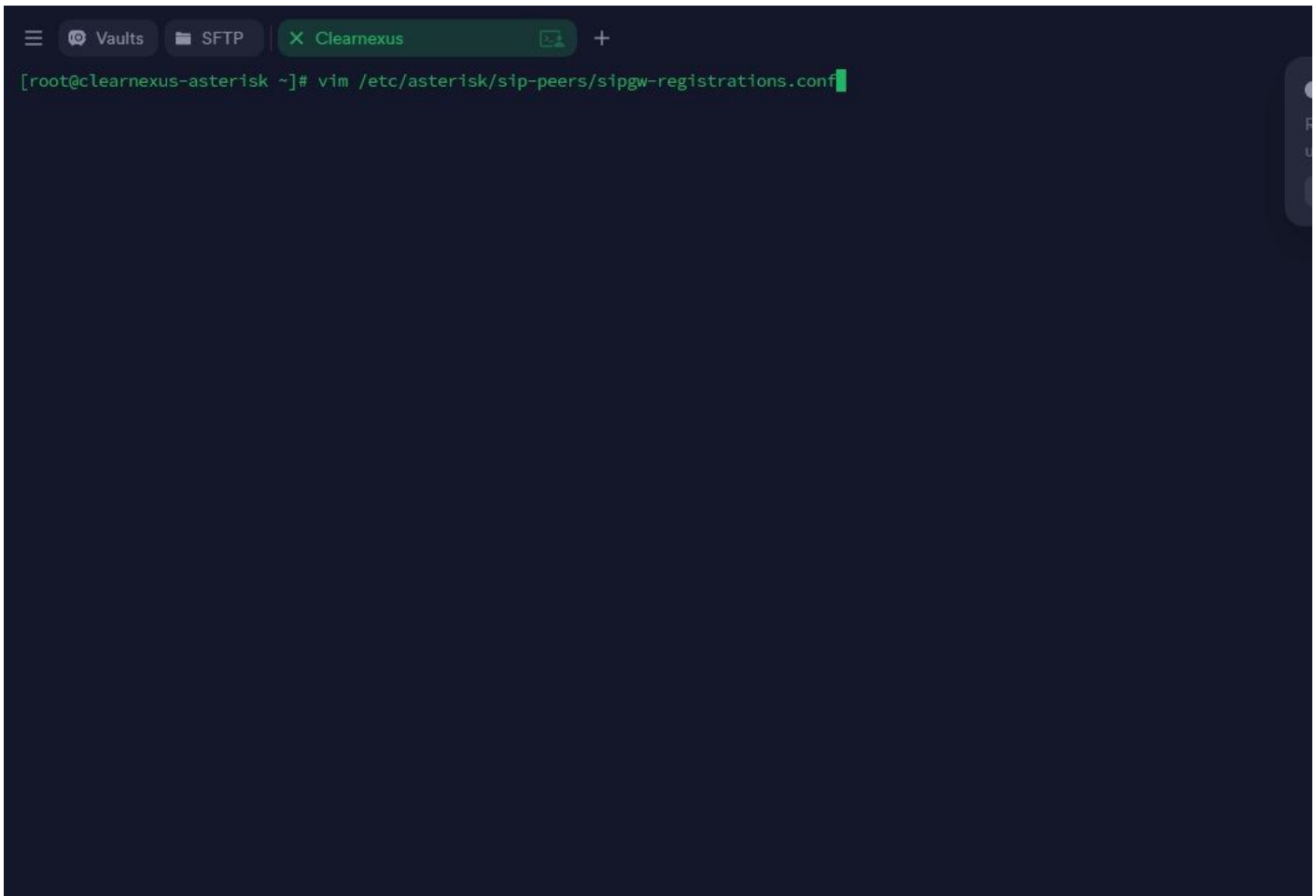
**Warning:** Make sure the corresponding **VPN** is activated before proceeding.

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).

A terminal window with a dark background. The title bar shows 'Clearnexus' and a '+' icon. The terminal prompt is '[root@clearnexus-asterisk ~]# vim /etc/asterisk/sip-peers/sipgw-registrations.conf'. The rest of the terminal is empty, indicating the vim editor is open but no content is visible yet.

```
[root@clearnexus-asterisk ~]# vim /etc/asterisk/sip-peers/sipgw-registrations.conf
```

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 => 7017797391:4ba04b7fa48e482e879b935440a0ae710sip-gw.croco-dial.net/7017797391
register => 7019759110:d5d674e506ae9f032a8c7fe6aeccf4f@sip-gw.croco-dial.net/7019759110
register => 7025524037:d66a8981b59915e54559c5dccc8e7de6@sip-gw.croco-dial.net/7025524037
register => 7129868714:d247a79bfff696f0049db78b354a4b3dc@sip-gw.croco-dial.net/7129868714
register => 7196749713:be6ac10d7eb37903e3dddc8c1be6c643@sip-gw.croco-dial.net/7196749713
register => 7198827304:0df90ebd77dc286518e1f3b80b57b64@sip-gw.croco-dial.net/7198827304
register => 7199468692:17c4d7f2cde729d16d9ba9b103856203@sip-gw.croco-dial.net/7199468692
register => 7203549248:55ee946cea386d3b2a95a44a58f0409@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:d1196b123243b0d7fe2ed5bf445305f4@sip-gw.croco-dial.net/7757035559
register => 7759080804:34339b76648bc020c166ba9837fce2fe@sip-gw.croco-dial.net/7759080804
register => 7856485186:60584a99d6a28326b53a4b29e822eec7@sip-gw.croco-dial.net/7856485186
register => 8017804153:5a4e46489164a0411cfldd265270f652@sip-gw.croco-dial.net/8017804153
register => 8018432322:4eb171c6797206180f78343af8c7a94a@sip-gw.croco-dial.net/8018432322
register => 8019307439:6713f11e947de547420ab706f44d26ee@sip-gw.croco-dial.net/8019307439
register => 8038206814:74b75834ff2702acf109fd8fcc2c0158@sip-gw.croco-dial.net/8038206814
register => 8046704744:2ea7e2ab99f71e9ee16f047f8b8f4e63@sip-gw.croco-dial.net/8046704744
register => 8127433566:548c907ec5e5d74ccc421845a590b41a@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 => 9153065611:34ca785b61a1d38a0ae73a4a20098dd@sip-gw.croco-dial.net/9153065611
register => 9186023791:4f8efb9d6f9b0c9f412d1cdb306e5013@sip-gw.croco-dial.net/9186023791
register => 9519514944:5b22f11e3409c24b01224e20863e36@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 => 7017797391:4ba04b7fa48e482e879b935440a0ae710sip-gw.croco-dial.net/7017797391
register => 7019759110:d5d674e506ae9f032a8c7fe6aeccf4f@sip-gw.croco-dial.net/7019759110
register => 7025524037:d66a8981b59915e54559c5dccc8e7de6@sip-gw.croco-dial.net/7025524037
register => 7129868714:d247a79bfff696f0049db78b354a4b3dc@sip-gw.croco-dial.net/7129868714
register => 7196749713:be6ac10d7eb37903e3dddc8c1be6c643@sip-gw.croco-dial.net/7196749713
register => 7198827304:0df90ebd77dc286518e1f3b80b57b64@sip-gw.croco-dial.net/7198827304
register => 7199468692:17c4d7f2cde729d16d9ba9b103856203@sip-gw.croco-dial.net/7199468692
register => 7203549248:55ee946cea386d3b2a95a44a58f0409@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:d1196b123243b0d7fe2ed5bf445305f4@sip-gw.croco-dial.net/7757035559
register => 7759080804:34339b76648bc020c166ba9837fce2fe@sip-gw.croco-dial.net/7759080804
register => 7856485186:60584a99d6a28326b53a4b29e822eec7@sip-gw.croco-dial.net/7856485186
register => 8017804153:5a4e46489164a0411cfldd265270f652@sip-gw.croco-dial.net/8017804153
register => 8018432322:4eb171c6797206180f78343af8c7a94a@sip-gw.croco-dial.net/8018432322
register => 8019307439:6713f11e947de547420ab706f44d26ee@sip-gw.croco-dial.net/8019307439
register => 8038206814:74b75834ff2702acf109fd8fcc2c0158@sip-gw.croco-dial.net/8038206814
register => 8046704744:2ea7e2ab99f71e9ee16f047f8b8f4e63@sip-gw.croco-dial.net/8046704744
register => 8127433566:548c907ec5e5d74ccc421845a590b41a@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 => 9153065611:34ca785b61a1d38a0ae73a4a20098dd@sip-gw.croco-dial.net/9153065611
register => 9186023791:4f8efb9d6f9b0c9f412d1cdb306e5013@sip-gw.croco-dial.net/9186023791
register => 9519514944:5b22f11e3409c24b01224e20863e36@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:

```
asterisk
```

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
```

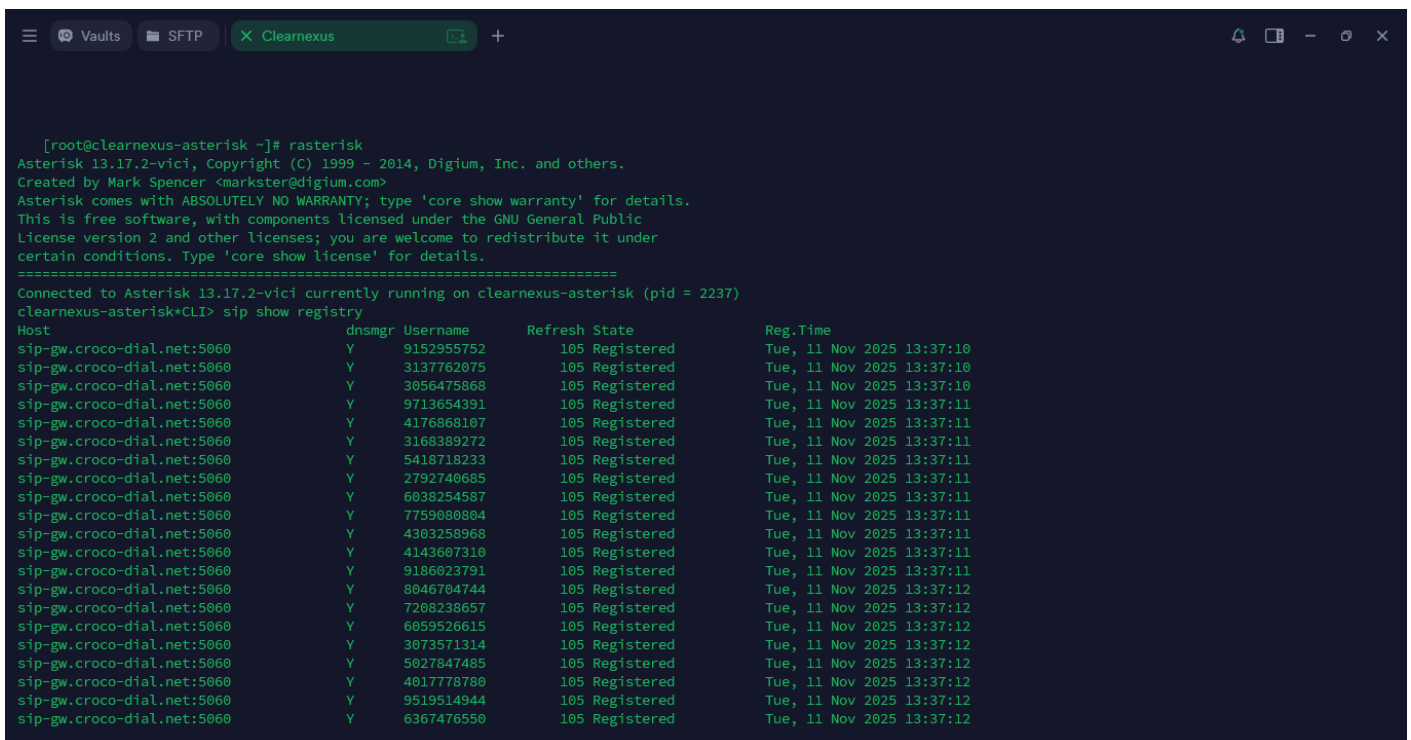
This will refresh the list with the newly added numbers. Then, run the previous command again:

```
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       4303250968         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       4017778780         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 shows the VICIdial Administration interface. On the left is a navigation menu with options like Reports, Users, Campaigns, Lists, Scripts, Filters, Inbound, Show In-Groups, Add A New In-Group, Copy In-Group, Show DID's, Add A New DID, Copy DID, Show Call Menu, 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 main area displays a table of DID numbers with columns for DID, DESCRIPTION, CARRIER, ACTIVE, ADMIN GROUP, ROUTE, REC, and MODIFY. Annotations 'Step 1', 'Step 2', and 'Step 3' are placed over the interface to highlight specific actions: Step 1 points to the 'Inbound' menu, Step 2 points to the 'Show Call Menu' option, and Step 3 points to the 'ACTIVE' and 'ROUTE' columns in the table.

DID	DESCRIPTION	CARRIER	ACTIVE	ADMIN GROUP	ROUTE	REC	MODIFY
2100075081	SKY Main 2100075081		Y	--ALL--	CALLMENU	N	MODIFY
2107599095	GFI main 2107599095		Y	--ALL--	CALLMENU	N	MODIFY
2109390095	GLF Collectors 2109390095		Y	--ALL--	CALLMENU	N	MODIFY
2109390710	GLF Loans 2109390710		Y	--ALL--	CALLMENU	N	MODIFY
371119950718035	SKY Main 371119950718035		Y	--ALL--	CALLMENU	N	MODIFY
40882532450082	GFI Main 40882532450082		Y	--ALL--	CALLMENU	N	MODIFY
541428540409230	GLF Main 541428540409230		Y	--ALL--	CALLMENU	N	MODIFY
8463475194	8463475194		Y	--ALL--	CALLMENU	N	MODIFY

Revision #3

Created 10 November 2025 15:43:56 by Bruno

Updated 12 November 2025 19:53:54 by Bruno