

Voxbone Howto: Configure your DID's

Version: 1.0

This tutorial explains how to use the Voxbone interface to configure your DID numbers. Any remarks and suggestions to enhance this tutorial are welcome and should be sent to support@voxbone.com

After receiving the DID's from Voxbone you need to route them to the appropriate SIP destination. This is achieved by mapping the DID's to a URI. The definition of a URI can be found in our technical FAQ.

There are 4 different ways to do this mapping.

1. You can map your DID's one by one, each to a specific URI.
2. You can map your DID's to a URI using the {E164} variable.
3. You can map all your DID's at once to a particular URI.
4. You can map a selection of DID's (using a filter) to a particular URI.

The sections below outline these different mappings.

1. Individual mappings

STEP 1: Log into your account on www.voxbone.com

STEP 2: Go to the menu **Your DID's** and then **Endpoints URI's**



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Hello **Mister** ,

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This is your member area. Use the navigation menu above to:

- ◆ Order new phone numbers (DID's) from around the world and check the status of your orders
- ◆ Set up and manage your (SIP) URI's
- ◆ Create and manage the mapping of your phone numbers (DID's) to your URI's

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STEP 3: Create your URI. The URI defines a destination that will receive the calls.

- In **protocol**, choose **SIP**.
- In **new URI**, enter your URI.
- In **Description**, enter whatever description you want. This field is not used for the routing.

Example of a valid URI is **1004@213.246.216.68**

In this example, **1004** is the extension or the user in your system and **213.246.216.68** is the IP address of your equipment.



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Please read carefully:

The URI_FORMATTING option has been removed and replaced with a more flexible solution, a special tag: {E164}. At the time you forward a DID to an URI, any tag {E164} in the URI will be replaced with the E.164 representation of the forwarded DID number.

For your convenience, we have migrated every DID mapped using the formatting E.164 with an automatically created URI that uses the tag {E164}. Please note that only the syntax of the URI has changed, your mappings remain as before.

Add A New URI:

protocol:

new uri:

Description:

uri	description	delete	edit
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STEP 4: Click on **create**. The new URI will be shown at the bottom of the page:



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Add A New URI:

protocol:

new uri:

Description:

uri	description	delete	edit
sip:1004@213.246.216.68	my first DID	delete	edit

Note that you can edit your URI parameters by clicking on **edit**, and you can delete your URI by clicking on **delete**.

STEP 5: Go to the menu **Your DID's** and then **Forward DID's**



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Endpoint URI's
Forward DID's

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Add A New URI:

protocol:

new uri:

Description:

uri	description	delete	edit
sip:1004@213.246.216.68	my first DID	delete	edit

STEP 6: Under the **New Mapping** column, use the dropdown button next to your DID to select the URI that you previously defined. Click **update** to confirm.



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For your convenience, we have migrated every DID mapped using the formatting E.164 with an automatically created URI that uses the tag {E164}. Please note that only the syntax of the URI has changed, your mappings remain as before.

Filter pattern on DID numbers:

Map ALL DID's (no filter applied) to URI

Virtual Number	Channels	Mapped To	New Mapping
+3227470333	2	no forwarding	no forwarding update
BRUSSELS BEL			no forwarding 1004@213.246.216.68

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You will see a confirmation text and the **Mapped to** column will be updated.



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Successfully mapped.

Please read carefully:
The URI_FORMATTING option has been removed and replaced with a more flexible solution, a special tag: {E164}. At the time you forward a DID to an URI, any tag {E164} in the URI will be replaced with the E.164 representation of the forwarded DID number.
For your convenience, we have migrated every DID mapped using the formatting E.164 with an automatically created URI that uses the tag {E164}. Please note that only the syntax of the URI has changed, your mappings remain as before.

Filter pattern on DID numbers:

Map ALL DID's (no filter applied) to URI

Virtual Number	Channels	Mapped To	New Mapping
+3227470333 BRUSSELS BEL	2	sip:1004@213.246.216.68	1004@213.246.216.68 update

Well done, your first DID is correctly mapped and you can start using it !

2. Mappings using the {E164} variable

The definition of E.164 can be found in our technical FAQ.

Every instance of the variable {E164} in the URI will be replaced by the E.164 representation of the DID. This allows you to easily define just one URI for many different DID's, and you will receive all the calls with the number in E.164 format.

Let's see with an example how this works :

STEP 1: Just like in section 1, you first have to create the URI. But this time, use the {E164} tag in the user part of the URI. It can be used alone or with additional numbers before or after it. This allows you to add a prefix in front of your URI's for example.

Click on **create** to create this new URI.



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Add A New URI:

protocol:

new uri:

Description:

uri	description	delete	edit
sip:1004@213.246.216.68	My first URI	delete	edit

STEP 2: go to the menu **Your DID's** and then **Forward DID's**



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Filter pattern on DID numbers:

Map ALL DID's (no filter applied) to URI

Virtual Number	Channels	Mapped To	New Mapping
+3227470333 BRUSSELS BEL	2	sip:1004@213.246.216.68	1004@213.246.216.68 update no forwarding 111{E164}999@213.246.216.68 1004@213.246.216.68

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Under the **New Mapping** column, use the dropdown button next to your DID to select the new URI that you defined. Click **update** to confirm.

STEP 3: Once confirmed by clicking **update** you will see that the {E164} tag has been replaced by your DID number in international format in the **Mapped to** column.



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Filter pattern on DID numbers:

Map ALL DID's (no filter applied) to URI

Virtual Number	Channels	Mapped To	New Mapping
+3227470333 BRUSSELS BEL	2	sip:1113227470333999@213.246.216.68	111{E164}999@213.246.216.68 update

3. Mapping all your DID's at once to the same URI

If you have many DID's and you want to send all the calls to the same destination it is easier to map all your DID's at once to the same URI.

STEP 1: Go to the menu **Your DID's** and then **Forward DID's**

STEP 2: Select the wanted URI from the dropdown button next to the text **Map ALL DID's (no filter applied) to URI.**



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For your convenience, we have migrated every DID mapped using the formatting E.164 with an automatically created URI that uses the tag {E164}. Please note that only the syntax of the URI has changed, your mappings remain as before.

Filter pattern on DID numbers:

Map ALL DID's (no filter applied) to URI

Virtual Number	Channels	Mapped To	New Mapping
+543515681837 CORDOBA ARG	2	sip:digits@ivr	digits@ivr update
+3227470339 BRUSSELS BEL	2	sip:1004@213.246.216.68	1004@213.246.216.68 update

STEP 3: Click on **map**.

!! Be carefull when using this feature as the mapping will be applied to ALL your DID's !!

Map ALL DID's (no filter applied) to URI

Virtual Number	Channels	Mapped To	New Mapping
+543515681837 CORDOBA ARG	2	sip:1004@213.246.216.68	1004@213.246.216.68 update
+3227470339 BRUSSELS BEL	2	sip:1004@213.246.216.68	1004@213.246.216.68 update
+558539231033 FORTALEZA BRA	2	sip:1004@213.246.216.68	1004@213.246.216.68 update
+551135237752 SAO PAULO BRA	2	sip:1004@213.246.216.68	1004@213.246.216.68 update
+551135237755 SAO PAULO BRA	2	sip:1004@213.246.216.68	1004@213.246.216.68 update
+5624958491 SANTIAGO CHL	2	sip:1004@213.246.216.68	1004@213.246.216.68 update
+5625856913 SANTIAGO CHL	2	sip:1004@213.246.216.68	1004@213.246.216.68 update
+5625856916 SANTIAGO CHL	2	sip:1004@213.246.216.68	1004@213.246.216.68 update
+4577345698 DNK	2	sip:1004@213.246.216.68	1004@213.246.216.68 update
+3726681340 EST	2	sip:1004@213.246.216.68	1004@213.246.216.68 update
+33172898138 PARIS FRA	2	sip:1004@213.246.216.68	1004@213.246.216.68 update
+33176607432 PARIS FRA	2	sip:1004@213.246.216.68	1004@213.246.216.68 update
+50223533118	2	sip:1004@213.246.216.68	1004@213.246.216.68 update

4. Using the filter function

You can use the filter function to view only a subset of your DID's, to find a specific DID, and to map a subset of your DID's to a specific URI.

For example if you want to view all the DID's from the UK enter **+44** in the box next to **Filter pattern on DID numbers**. After you click on **apply** you will see only the DID's containing the string +44, in other words only the UK DID's.

You can use the same procedure to map a subset of your DID's to a specific URI. In the below example we want to map our Belgian numbers to a specific URI.

STEP 1: Go to the menu **Your DID's** and then **Forward DID's**

STEP 2: Enter **+32** in the box next to **Filter pattern on DID numbers** and click **apply**.



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For your convenience, we have migrated every DID mapped using the formatting E.164 with an automatically created URI that uses the tag {E164}. Please note that only the syntax of the URI has changed, your mappings remain as before.

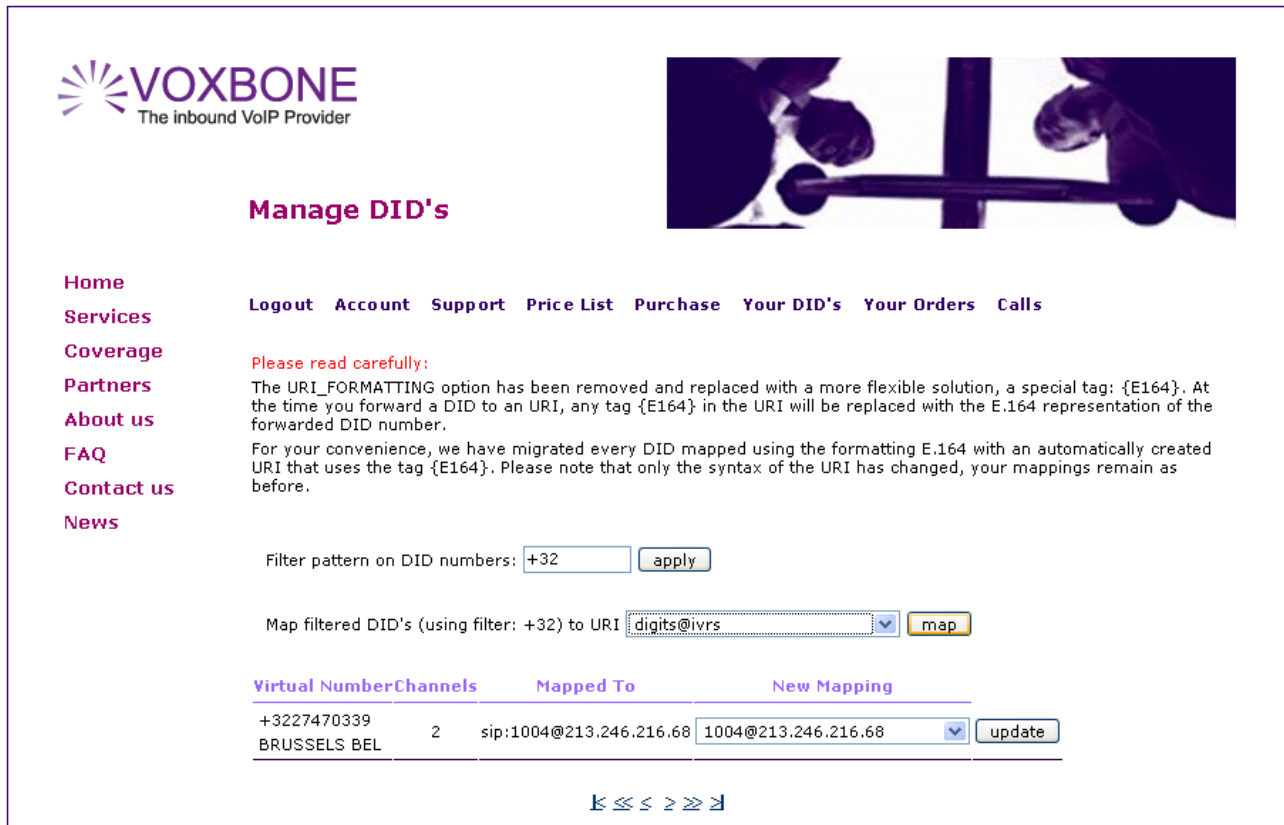
Filter pattern on DID numbers:

Map ALL DID's (no filter applied) to URI

Virtual Number	Channels	Mapped To	New Mapping
+543515681837 CORDOBA ARG	2	sip:1004@213.246.216.68	1004@213.246.216.68 update
+3227470339 BRUSSELS BEL	2	sip:1004@213.246.216.68	1004@213.246.216.68 update

STEP 3: After clicking **apply** only the Belgian DID's are shown. In this case there is only one DID left.

STEP 4: Select the wanted URI from the dropdown button next to the text **Map ALL DID's (using filter: +32) to URI.**



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For your convenience, we have migrated every DID mapped using the formatting E.164 with an automatically created URI that uses the tag {E164}. Please note that only the syntax of the URI has changed, your mappings remain as before.

Filter pattern on DID numbers:

Map filtered DID's (using filter: +32) to URI

Virtual Number	Channels	Mapped To	New Mapping
+3227470339 BRUSSELS BEL	2	sip:1004@213.246.216.68	1004@213.246.216.68 update

Navigation: < << >> >

STEP 5: Click **map**. All the DID's containing the string +32 (in other words the Belgian DID's) are now mapped to this URI.