

# Add ENUM Channel

This page describes the ENUM Channel and contains instructions on how to add one to the VoipNow system.

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## Overview

The Electronic Number Mapping System (ENUM, also known as Telephone Number Mapping) uses existing E.164 telephone numbers, protocols, and infrastructure to indirectly access different services available under a single personal identifier. ENUM also allows for an IP connection to the telephone system in a seamless manner.

To set up an ENUM Channel, go to the **System** menu on the left and click on [Channels](#). In the **Channel Management** page, click the [Add ENUM Channel](#) icon under the **Trunks** area.

## Enter channel details

- **Clone settings from channel:** Copy the settings of an existing channel. This helps you create channels with similar or identical structure faster.
- **Name:** Fill in a descriptive name used to identify the channel.
- **Protocols allowed:** Select the protocol allowed by the channel.
- **Zone suffix:** Specify the zone suffix. Default value is [e164.arpa](#).
- **Charging plan:** Specify the channel type. If paid, the channel charges a fee every time it is used. If free, the channel can be used to call any destination for free.
- **Do not try more than <x> destinations:** Specify the maximum number <x> of destinations the channel will try to connect to.
- **Prefix all calls with:** Specify the symbol used to dial numbers outside the channel. Default value is '+'.
- **Channel codecs:** Select the codecs for encoding–decoding the voice signal over this channel.
- **Channel notes:** Add any channels you want.

## Assign channel to channel groups

Assign the channel to one or several channel groups in the **Channel Group** section.

- **All groups:** Lists all the groups currently in the system. To assign the channel to a specific group, click the desired channel and it will be automatically moved into the **Assigned groups** pool.
- **Assigned groups:** Lists the groups the channel is assigned to. To remove the channel from a group, click the desired channel and it will be automatically moved back into the **All groups** pool.

## Set channel costs

Set up channel costs. You can configure the costs charged by the channel provider, based on the call destination. Select the **Setup channel costs** checkbox. You won't be able to do this, unless you have defined a Paid charging plan in the **Channel setup** page. For more info on how to add channel costs, please check the [Add Channel Costs](#) section.

Click **OK** to add the new channel. If you want to add the new channel without configuring the public phone numbers, deselect the **Setup channel costs** checkbox and click **OK** to save the channel costs.

Related topics

[Manage Channels](#)

[Manage Public Numbers](#)

[Manage Channel Costs](#)