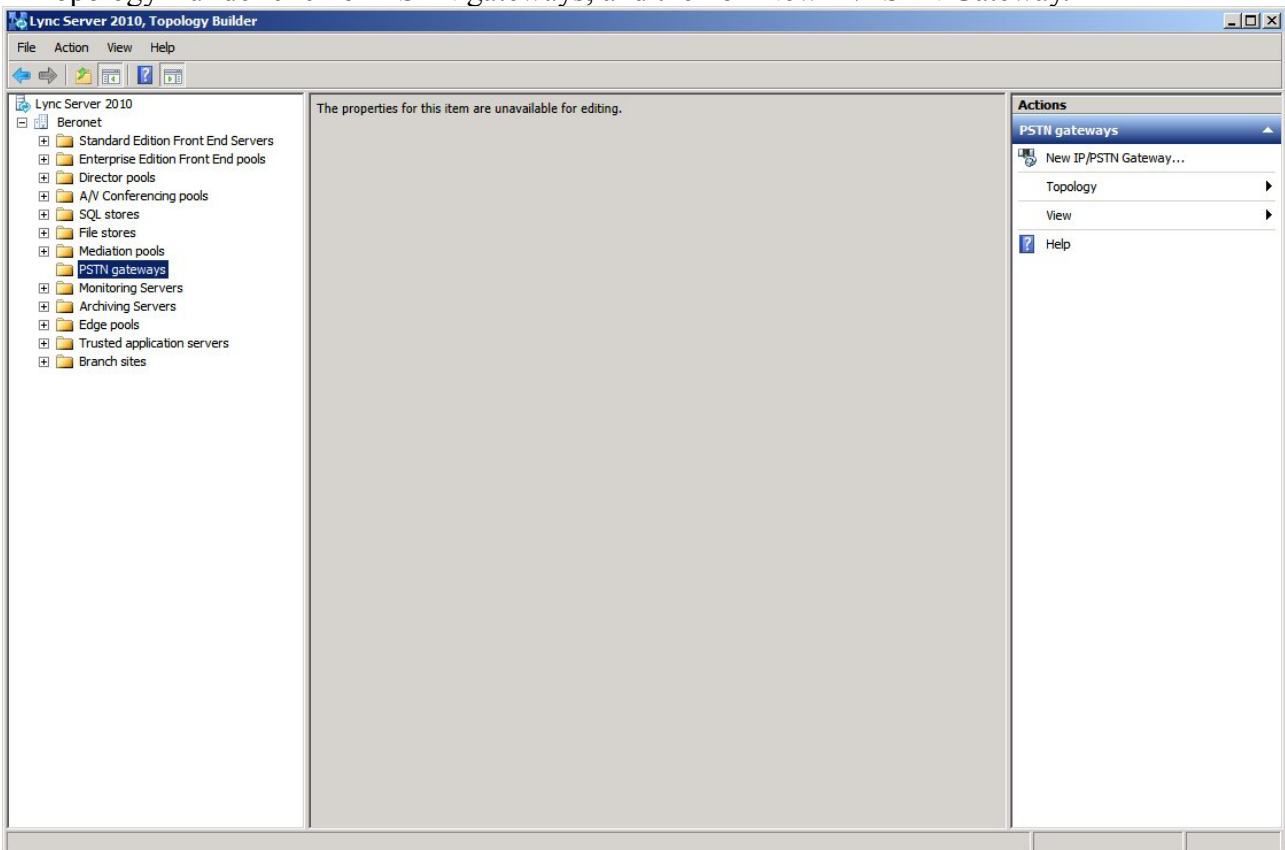


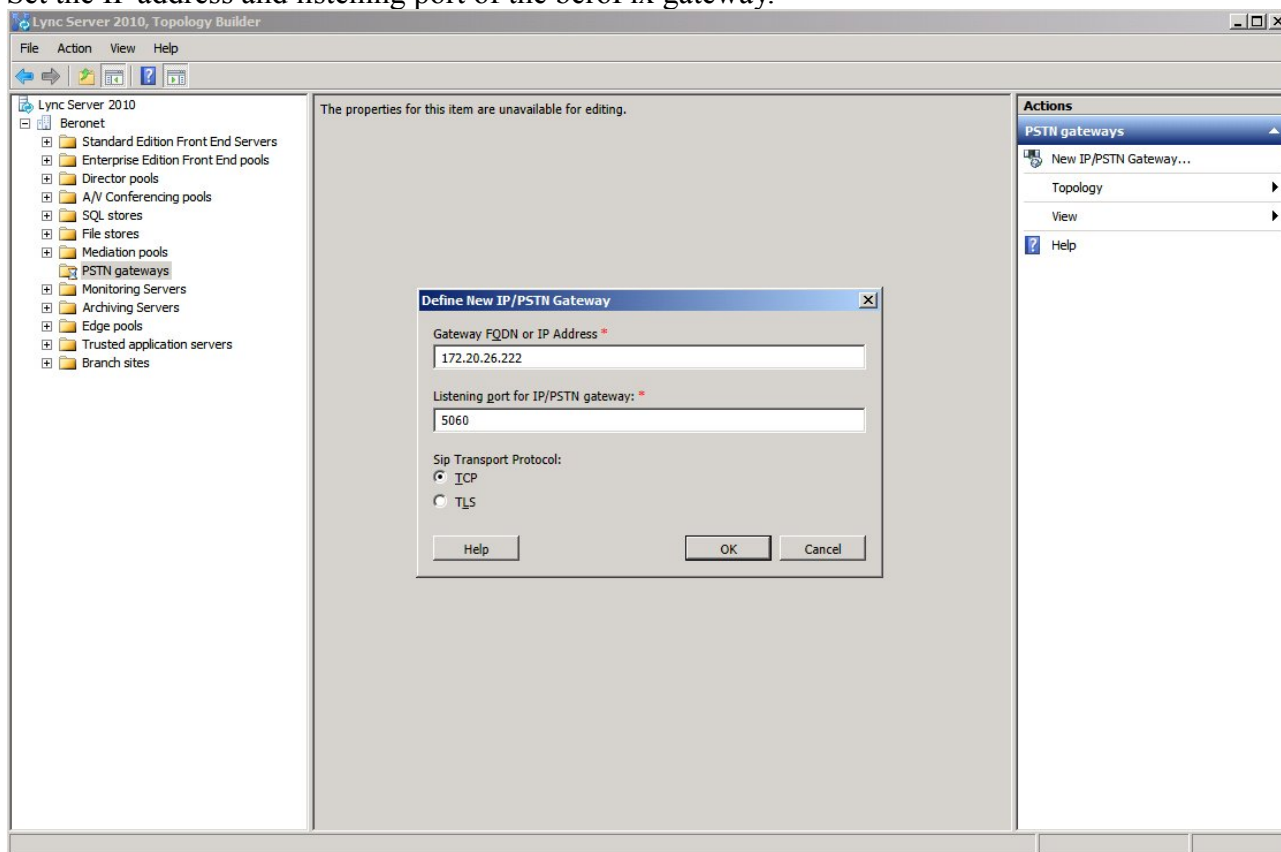
How to setup a beroFix gateway in Microsoft LYNC Server

1. Topology Builder Setup

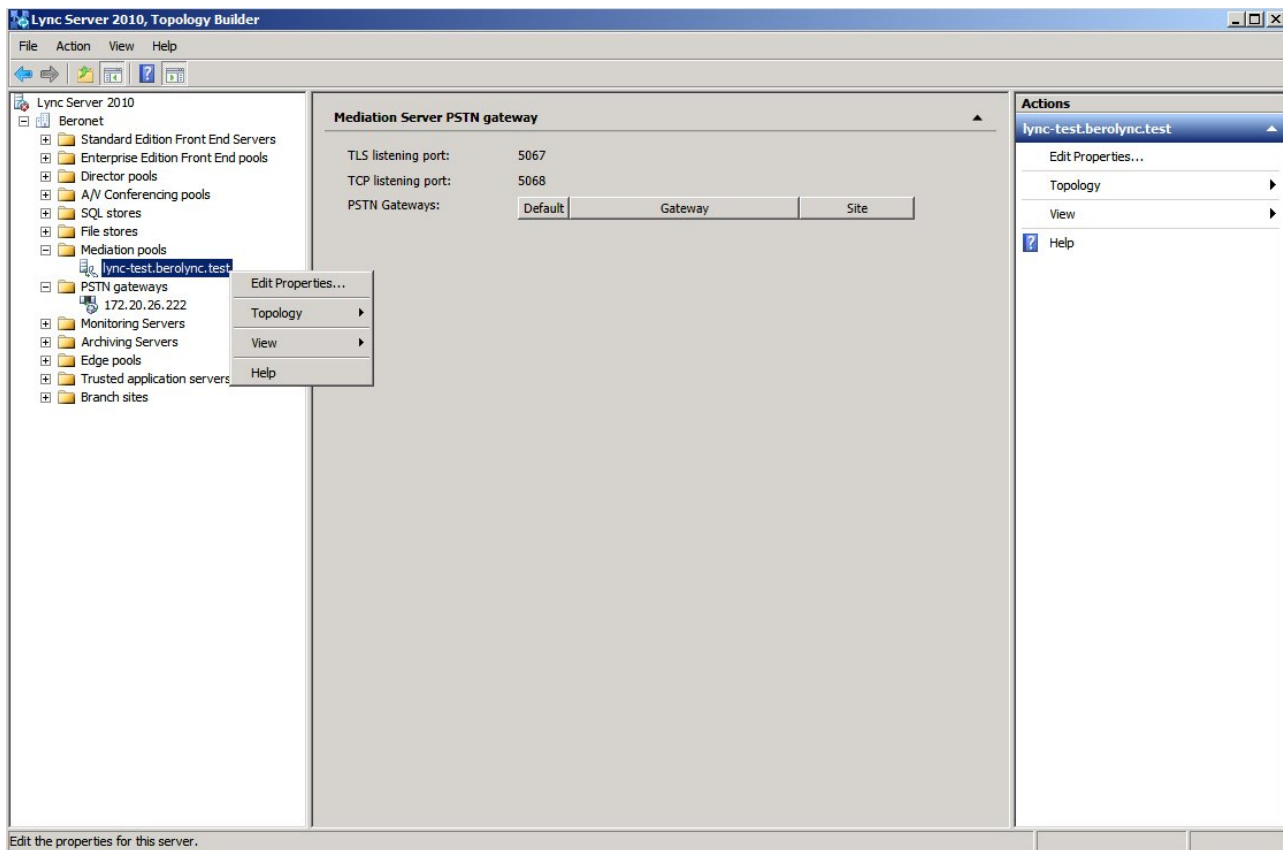
In Topology Builder click on PSTN gateways, and then on New IP/PSTN Gateway.



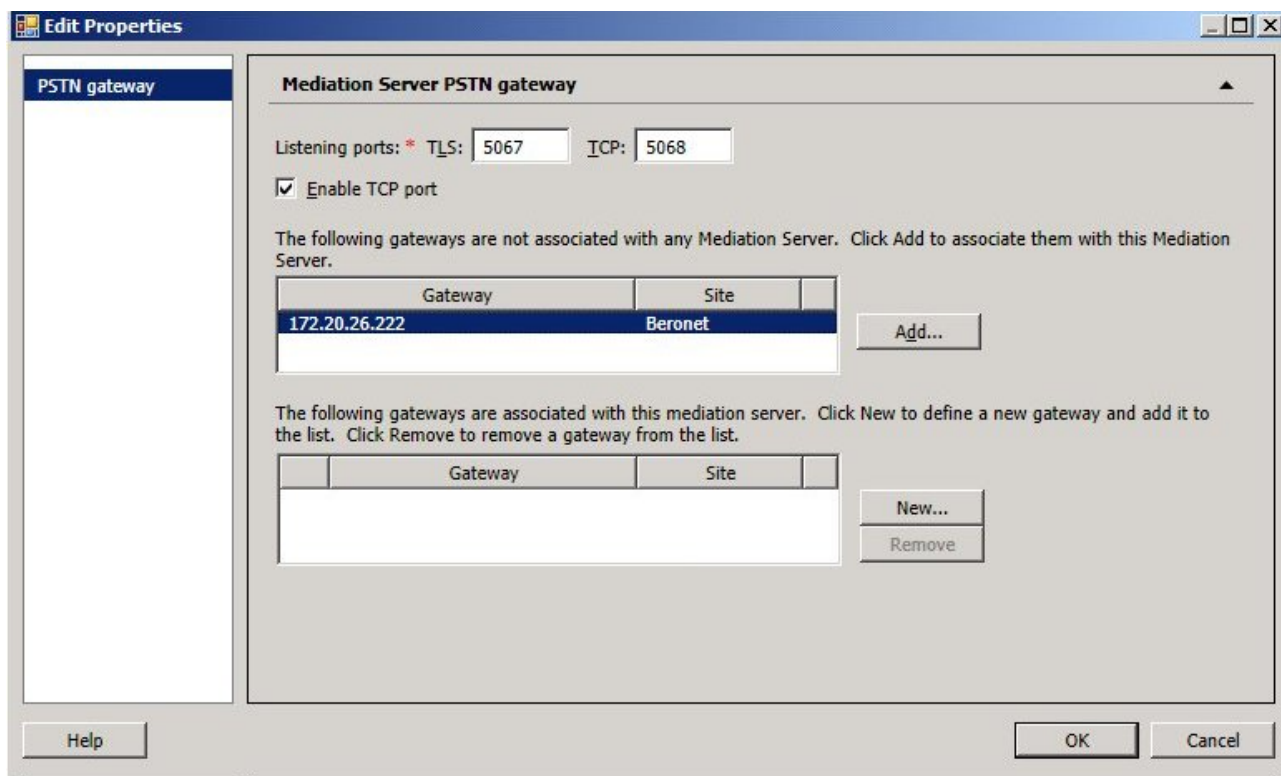
Set the IP address and listening port of the beroFix gateway.



In the Mediation Pools section click on Edit Properties.

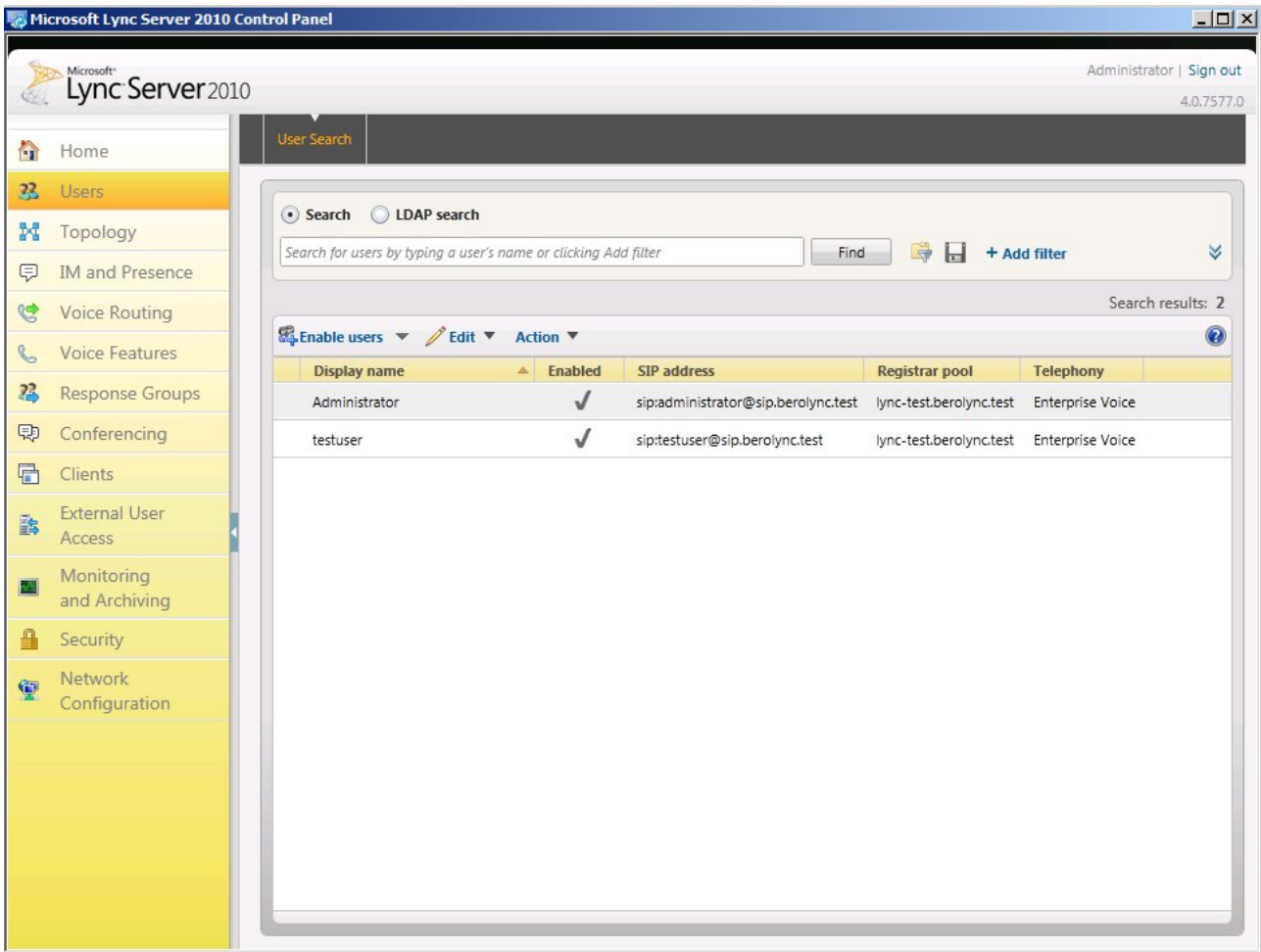


Associate the gateway to the Mediation Server.



2. Configuring LYNC server 2010.

Enable users for LYNC.

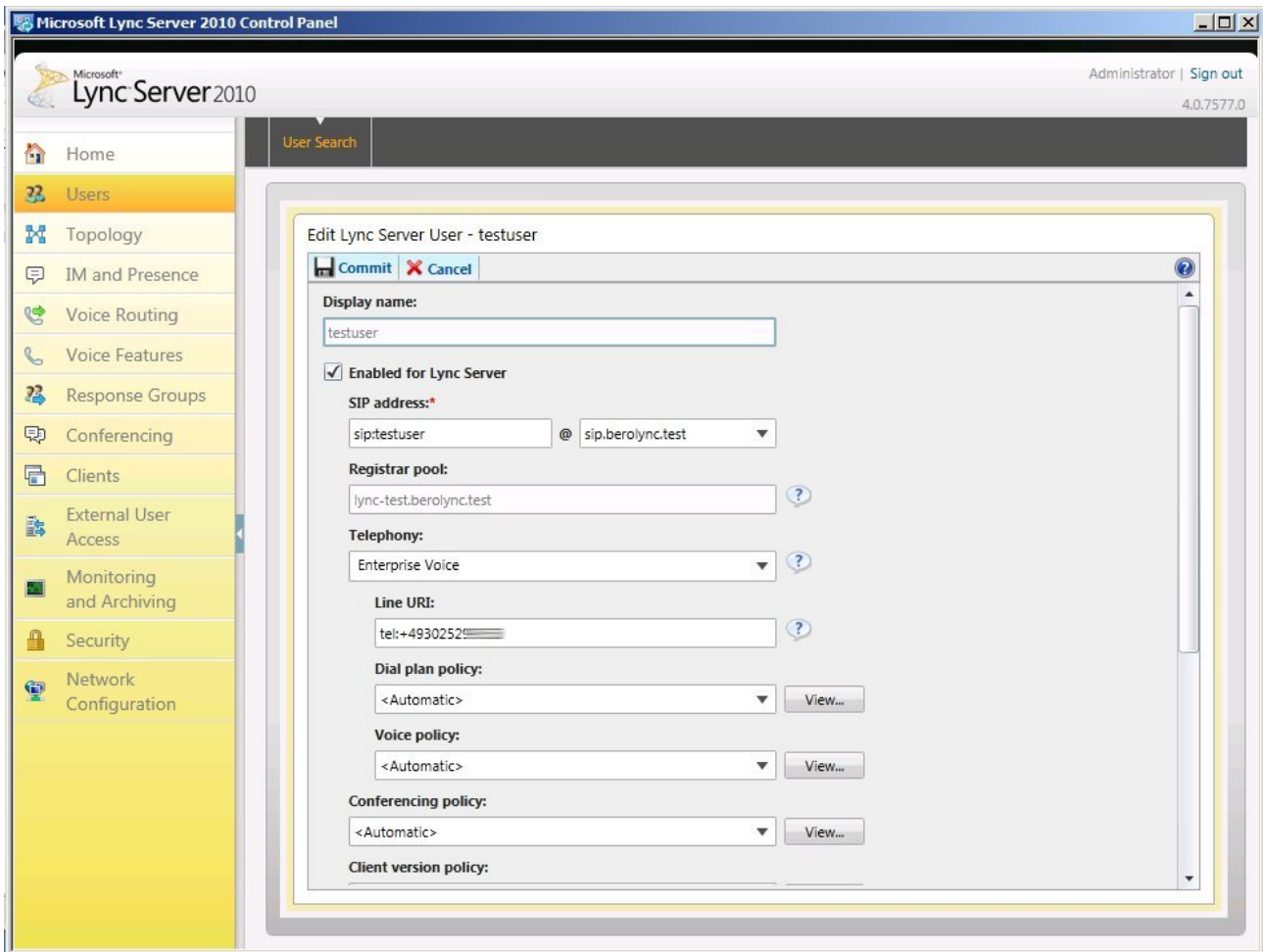


The screenshot displays the Microsoft Lync Server 2010 Control Panel interface. The left-hand navigation pane includes options such as Home, Users, Topology, IM and Presence, Voice Routing, Voice Features, Response Groups, Conferencing, Clients, External User Access, Monitoring and Archiving, Security, and Network Configuration. The main content area is titled 'User Search' and shows search results for two users. The search results are displayed in a table with columns for Display name, Enabled, SIP address, Registrar pool, and Telephony. Both users, 'Administrator' and 'testuser', are shown as enabled.

Display name	Enabled	SIP address	Registrar pool	Telephony
Administrator	✓	sip:administrator@sip.berolync.test	lync-test.berolync.test	Enterprise Voice
testuser	✓	sip:testuser@sip.berolync.test	lync-test.berolync.test	Enterprise Voice

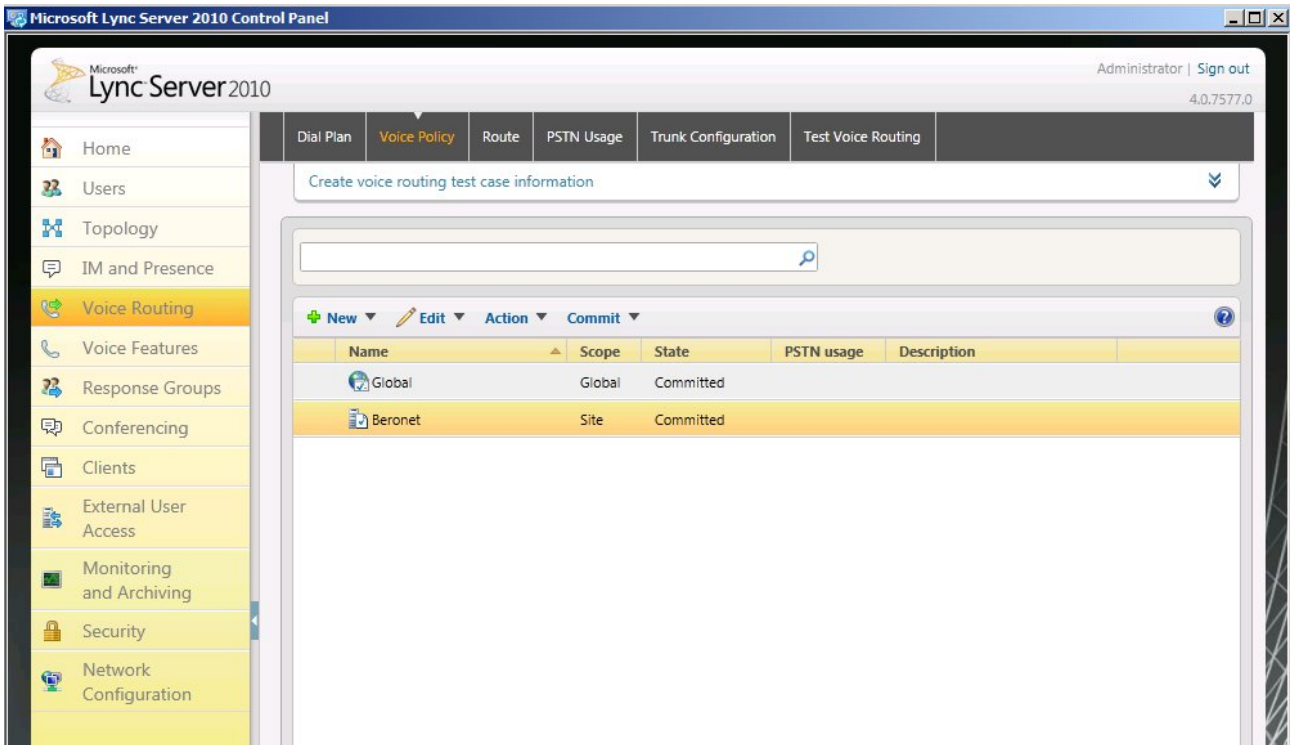
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Edit the users and assign a Line URI. Invites from the gateway with this number as To User will be forwarded to this account.

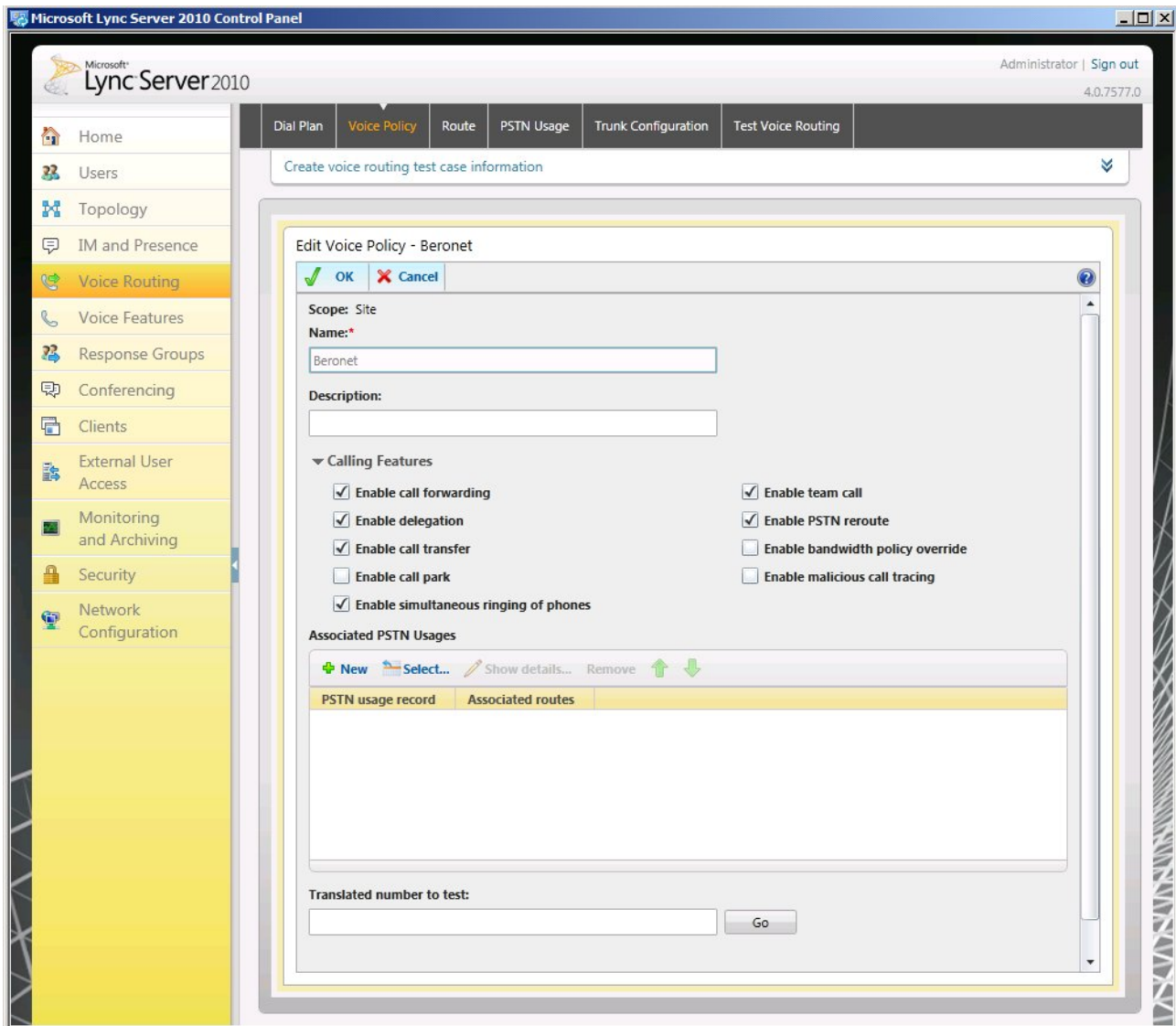


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Double click on your site to edit it.

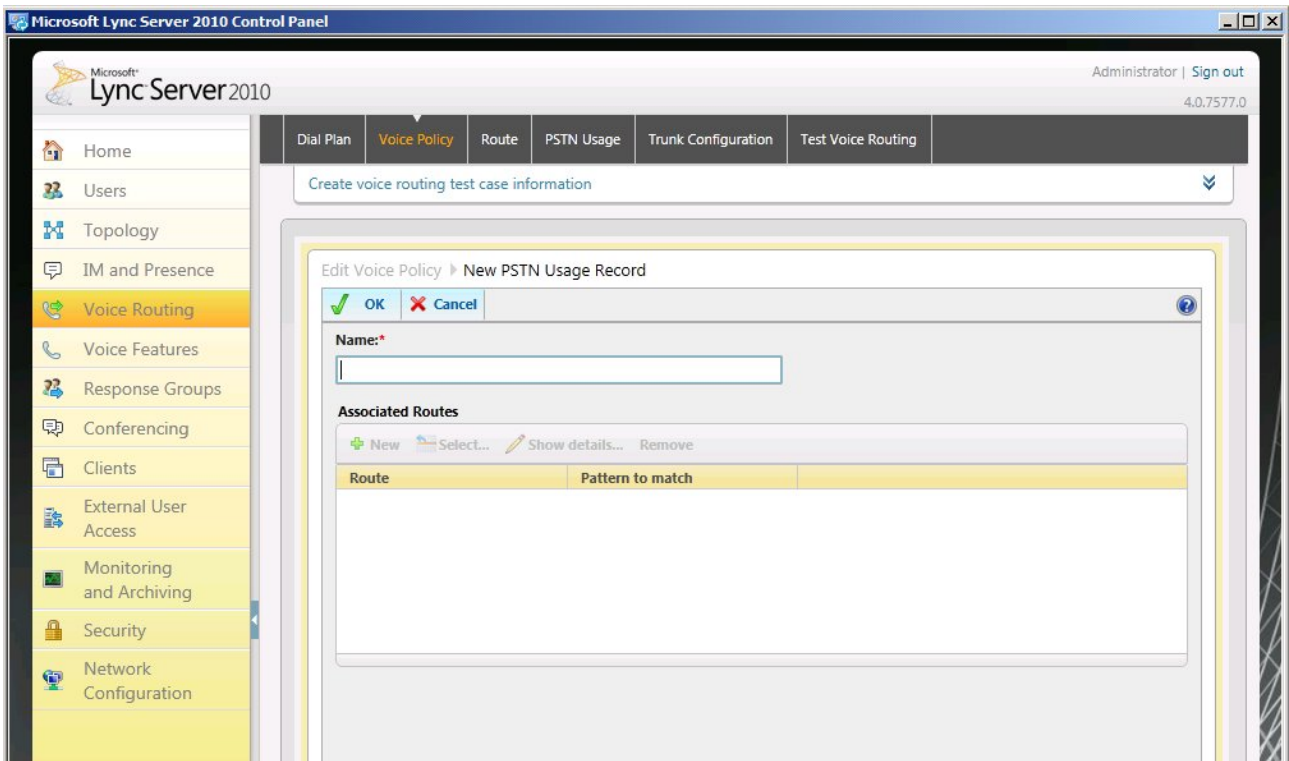


TypeNow click on Associated PSTN Usages +New.

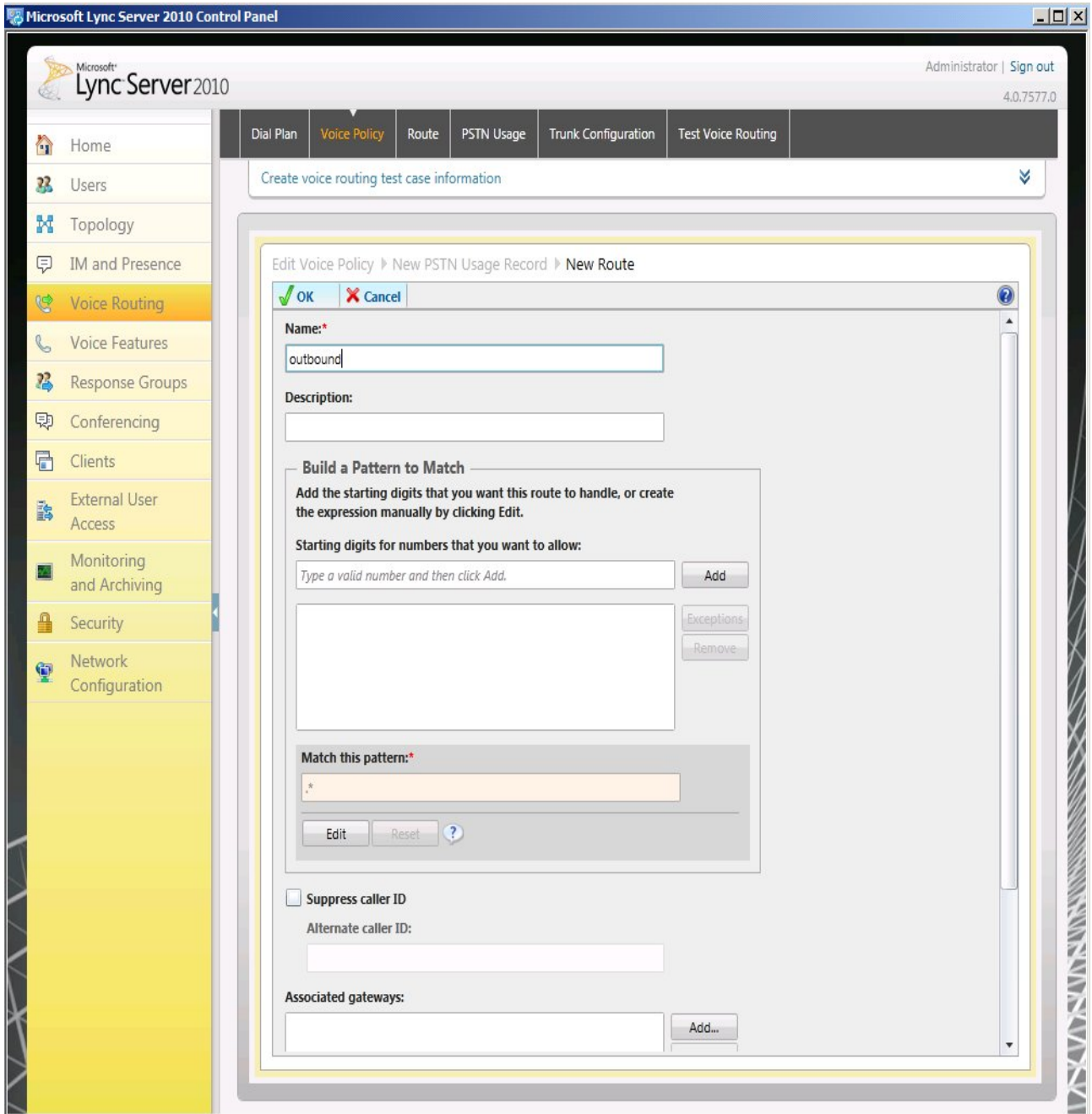


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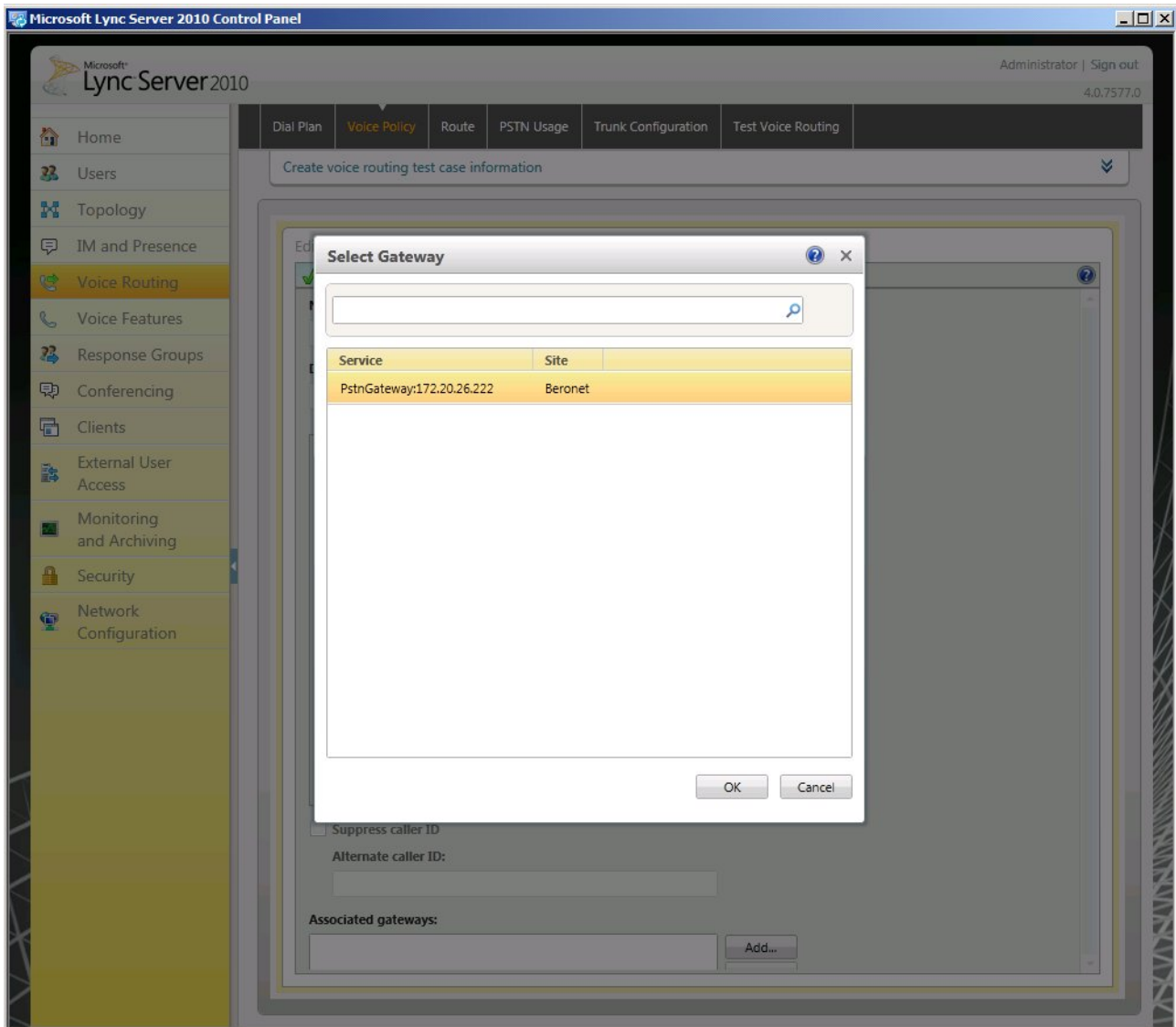
Create a new record, e.g. name it outbound, then click on +New.



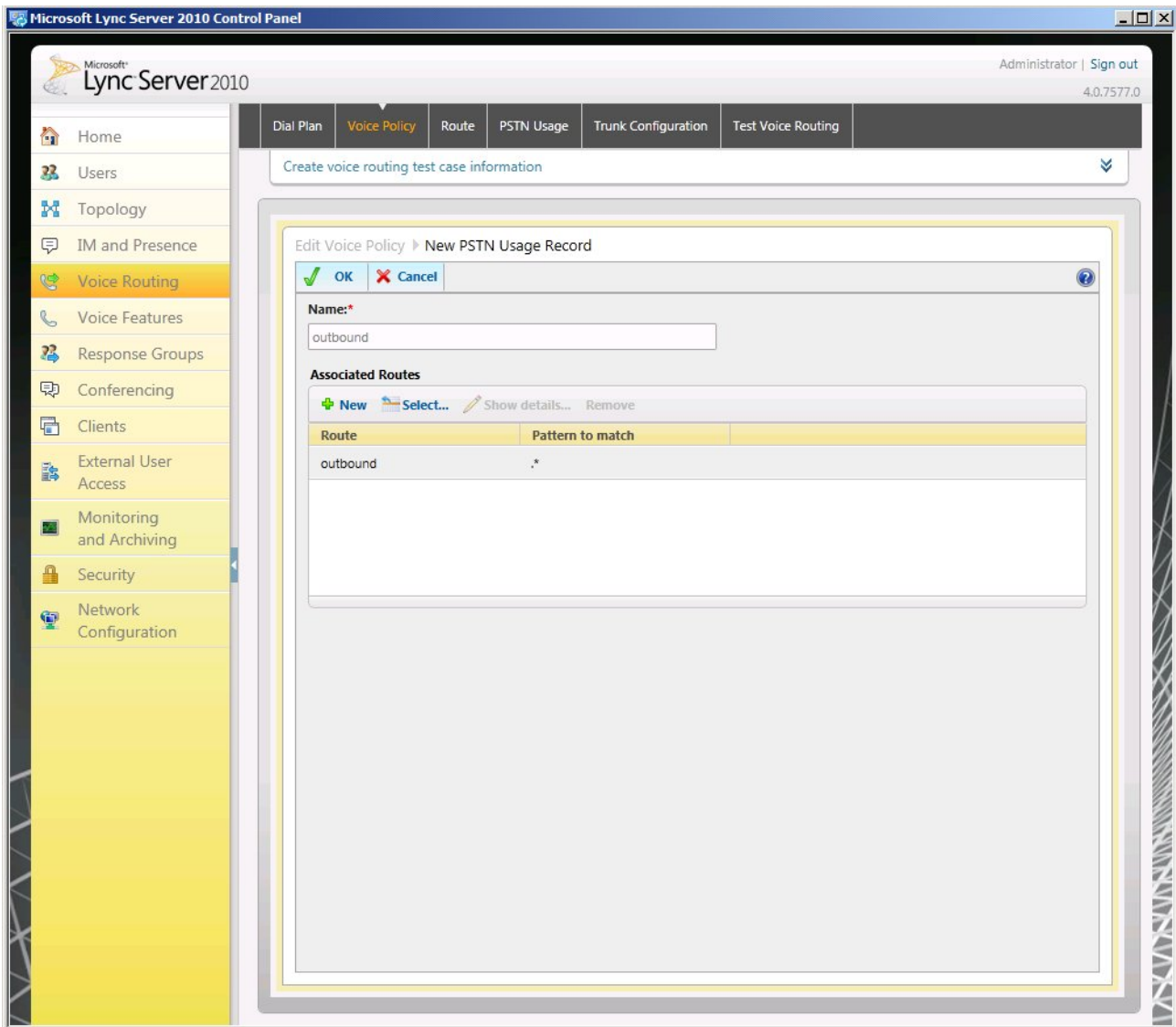
Give it a name, e.g. outbound again, then click next to associated gateways on the Add button.



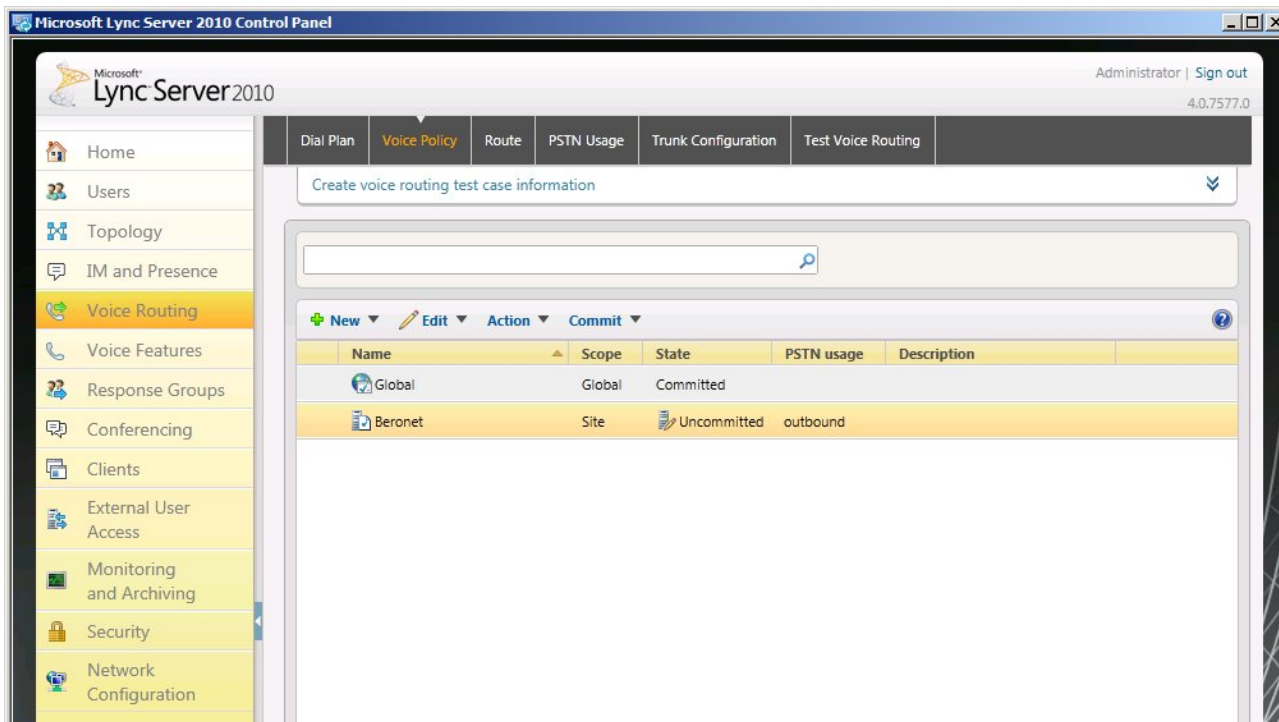
Select the gateway and click on OK.



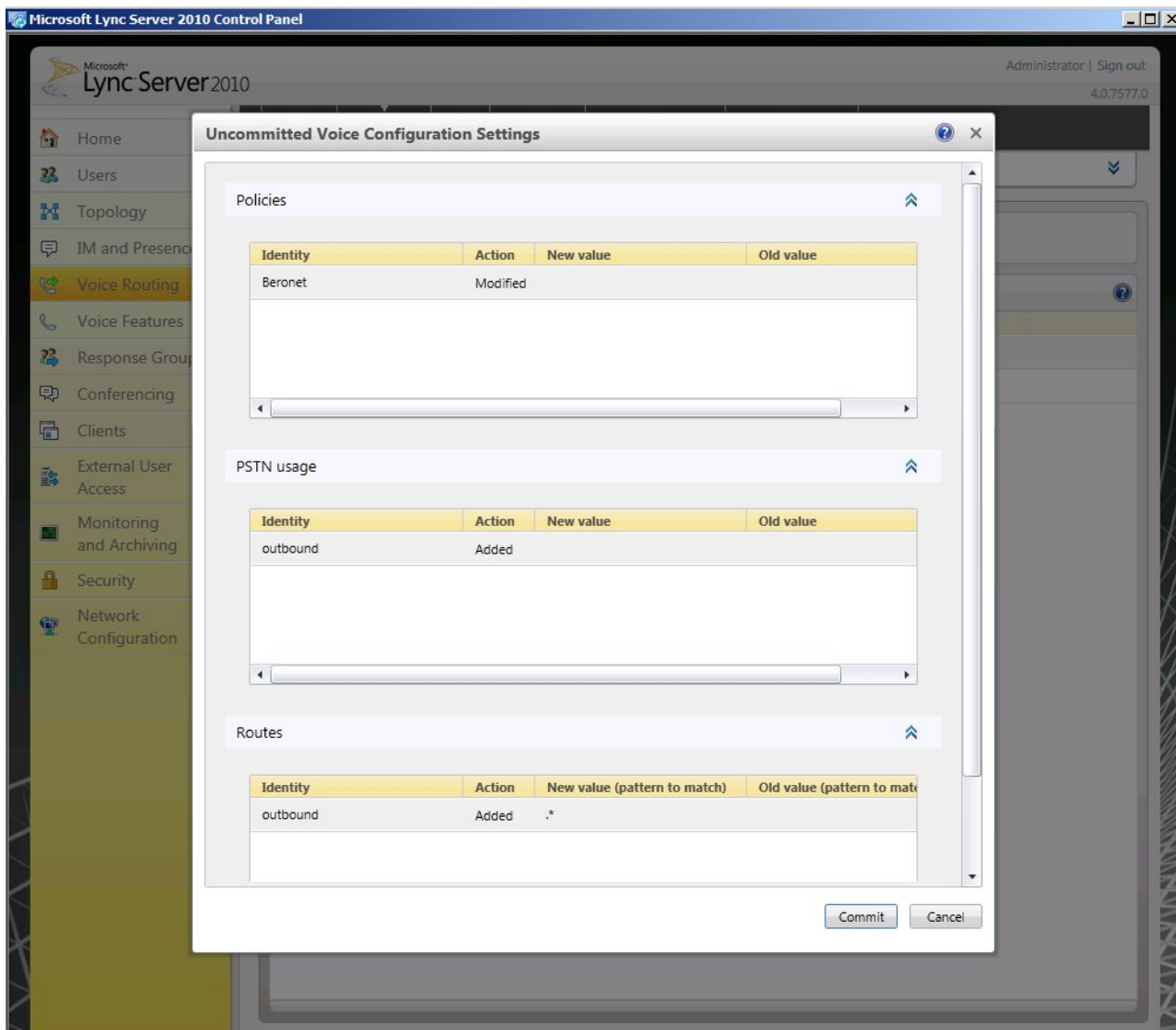
Finished PSTN Usage Record. Click OK.



Now the changes have to be committed. Click on Commit.



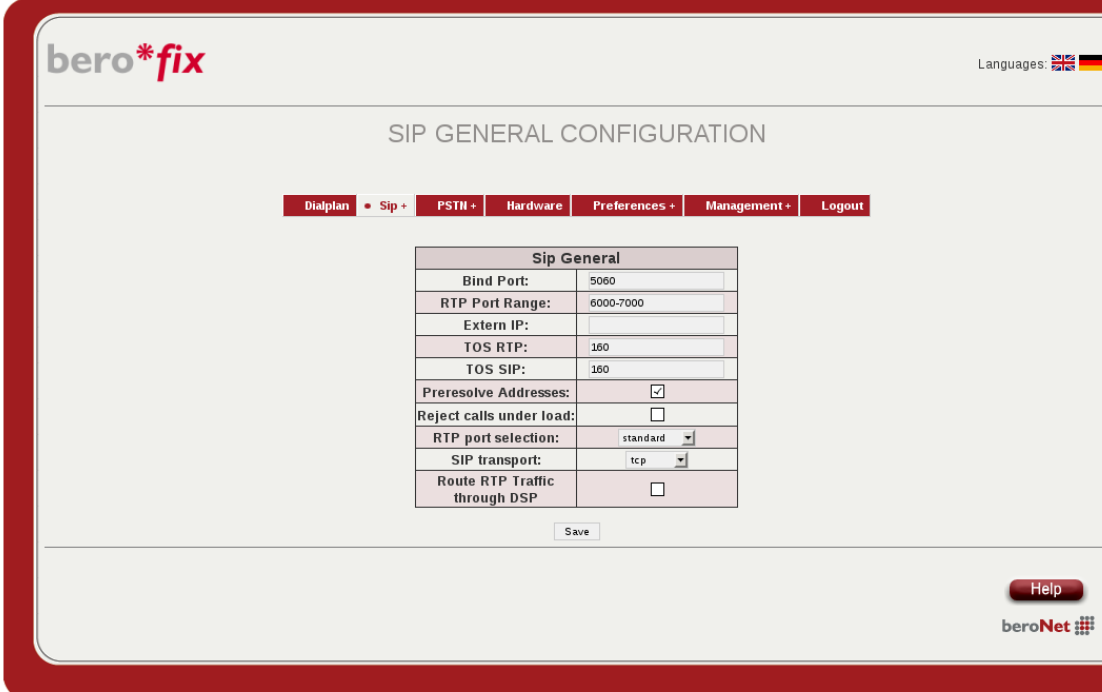
Final Commit screen, click Commit.



After committing changes it actually takes a while, one or two minutes, until they are active.

3. Configure beroFix

In beroFix you need to configure TCP as SIP Transport Method, you can do that under SIP->General:



The screenshot displays the 'SIP GENERAL CONFIGURATION' page in the beroFix web interface. The page features a navigation menu with the following items: Dialplan, Sip (selected), PSTN, Hardware, Preferences, Management, and Logout. The main configuration area is titled 'Sip General' and contains the following fields:

Sip General	
Bind Port:	5060
RTP Port Range:	6000-7000
Extern IP:	
TOS RTP:	160
TOS SIP:	160
Preresolve Addresses:	<input checked="" type="checkbox"/>
Reject calls under load:	<input type="checkbox"/>
RTP port selection:	standard
SIP transport:	tcp
Route RTP Traffic through DSP	<input type="checkbox"/>

Below the configuration table is a 'Save' button. In the bottom right corner, there is a 'Help' button and the beroNet logo.

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You also need to define a SIP Account for Lync, please note that berofix must not register with Lync, so you need to remove the „register“ option:

The screenshot shows a configuration window for SIP accounts. The window has a red border and a light gray background. In the top left corner, the logo 'berofix' is displayed. The title of the window is 'SIP'. The configuration fields are as follows:

Name:	LYNC
Server Address:	172.20.128.2:5068
User:	
Secret:	
Register:	<input type="checkbox"/>

Below the 'Register' checkbox, there is a red link labeled 'more...'. At the bottom of the window, there are two buttons: 'Save' and 'Close'. In the bottom right corner, the 'beronet' logo is visible.