SIP Phone Support (SPS)

MediaPack™ MP-1xx

SIP Protocol

Configuration Note

Setting up FXS Lines on MP-1xx for SIP Phone Support

SAS
Stand Alone Survivability
Continuous VoIP Service

HD VoIP
Sounds Better

February 2013

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AudioCodes

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Notice

This document describes the procedures for setting up FXS lines using AudioCodes MP-1xx for AudioCodes SPS (SIP Phone Support)

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Related Documentation

Manual Name
MP-11x Installation Manual
MP-11x User's Manual
SPS for Lync Quick Start Guide

1 Overview

This document describes the procedures for setting up FXS lines using AudioCodes MP-1xx for AudioCodes SPS (SIP Phone Support).

Reader's Notes

2 Setting Up FXS Lines on MP-1xx

Before setting up the FXS lines, you need to create an SPS user in the SPS Web Admin Tool. Follow the instructions on how to create a new SPS user in the "Adding a User via the SPS Web Admin" section of *SPS for Lync Quick Start Guide.*

To set up FXS lines on the MP-1xx for the SPS, follow the steps described below.

Note: For FXS lines only create an SPS User as there is no need to define a device for this user.

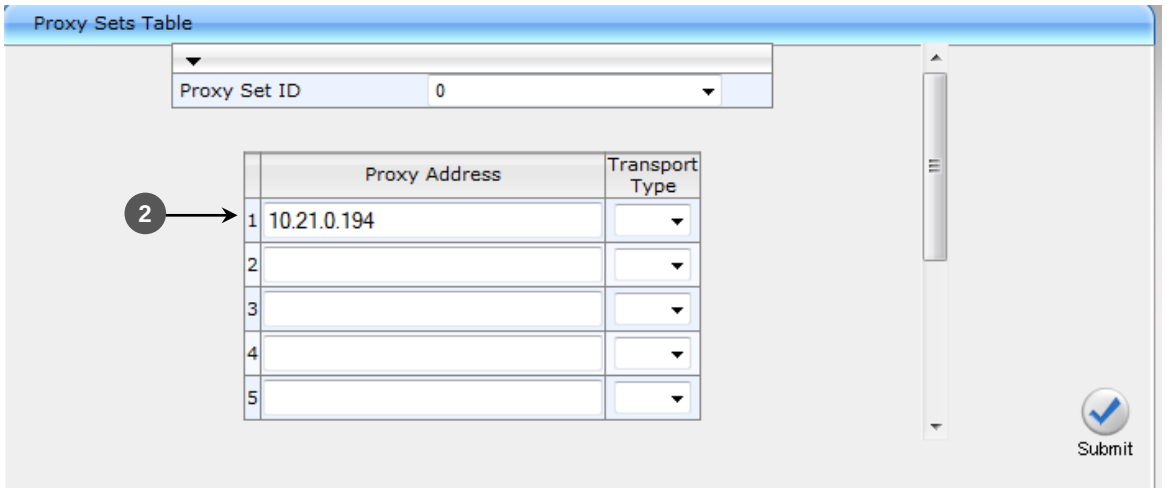
2.1 Configuring the SPS as a Proxy

The procedure below describes how to configure the SPS as a Proxy.

➢ To configure the SPS as Proxy:

1. Click on **Configuration** > **VoIP** > **Control Network** > **Proxy Sets Table**; the Proxy Sets Table page opens.

Figure 2-1: Proxy Sets Table



2. In the 'Proxy Address' field, insert the IP address of the SPS.
3. Click **Submit**.

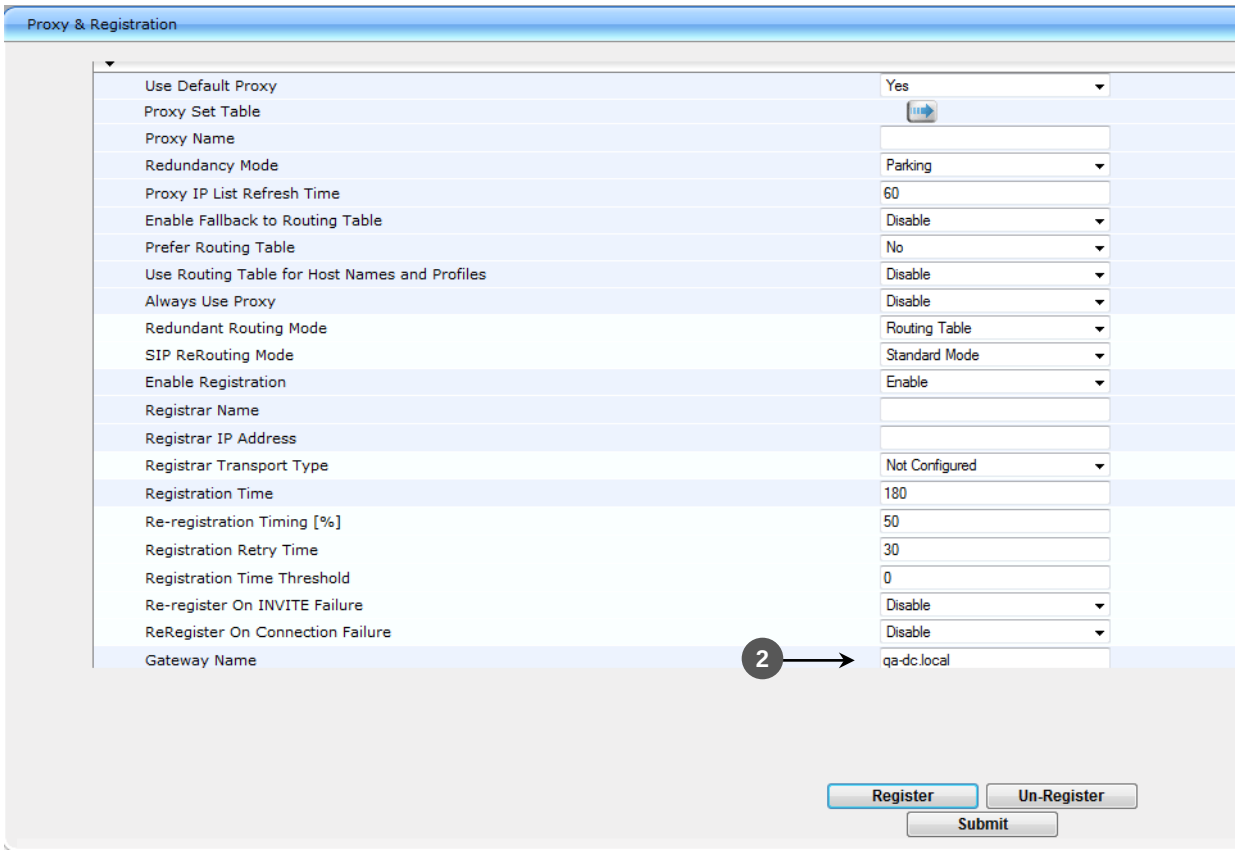
2.2 Defining the Gateway Name

The procedure below describes how to define the gateway name.

➢ To define the gateway name:

1. Click **Configuration** > **VoIP** > **SIP Definitions** > **Proxy & Registration**; the Proxy & Registration page opens.

Figure 2-2: Proxy & Registration



2. Insert the Domain Name in the **Gateway name** field.
3. Click **Register**.
4. Click **Submit**.

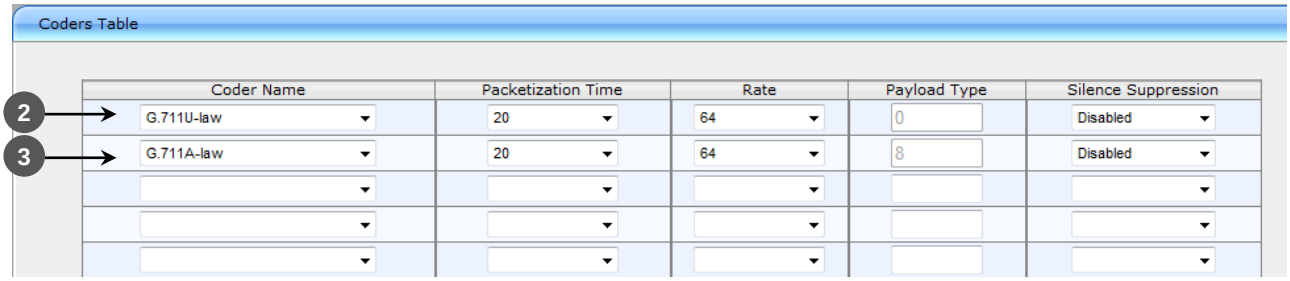
2.3 Enabling the G.711 Codec

The procedure below describes how to enable the G.711 codec.

➢ To enable the G.711 codec:

1. Click **Configuration** > **VoIP** > **Coders and Profiles** > **Coders**; the Coders Table page opens:

Figure 2-3: Coders Table



2. On the first line, from the 'Coder name' drop-down list, select **G.711U-law**.
   - From the 'Packetization Time' drop-down list, select **20**.
   - From the 'Rate' drop-down list, select **64**.
   - From the 'Silence Suppression', select **Disabled**.
3. On the second line, from the 'Coder name' drop-down list, select **G.711A-law**.
   - From the 'Packetization Time' drop-down list, select **20**.
   - From the 'Rate' drop-down list, select **64**.
   - From the 'Silence Suppression', select **Disabled**.
4. Click **Submit**.

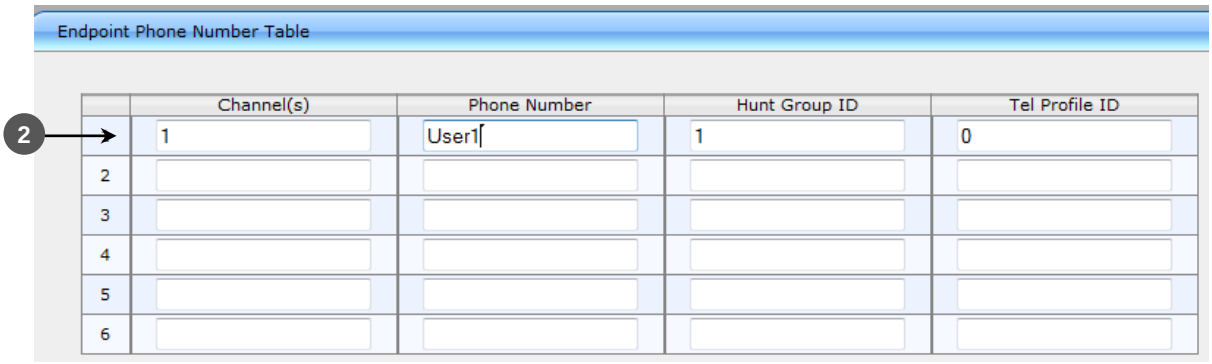
2.4 Assigning User Name to FXS Port

The procedure below describes how to assign a User Name to the FXS Port.

➢ To assign user name to FXS port:

1. Click **Configuration** > **VoIP** > **GW and IP to IP** > **Hunt Group > Endpoint Phone Number**; the Endpoint Phone Number Table page opens.

Figure 2-4: Endpoint Phone Number Table



2. For each FXS line, do the following.
   - In the 'Channel(s)' field, enter the FXS port number.
   - In the 'Phone Number' field, enter the User Name in the SPS that you want to assign to this FXS port.
3. Click **Submit**.

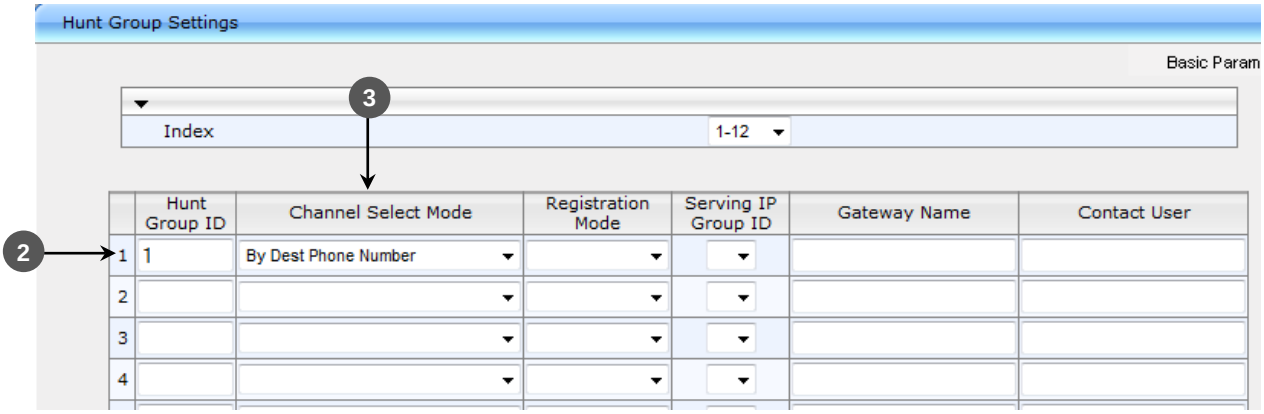
2.5 Configuring the Hunt Group

The procedure below describes how to configure the Hunt Group.

➢ To configure the Hunt Group:

1. Click **Configuration** > **VoIP** > **GW and IP to IP** > **Hunt Group > Hunt Group Settings**; the Hunt Group Settings page opens.

Figure 2-5: Hunt Group Settings



2. In the 'Hunt Group' field, enter "1".
3. From the 'Channel Select Mode' drop-down list, select **By Dest Phone Number**.
4. Click **Submit**.

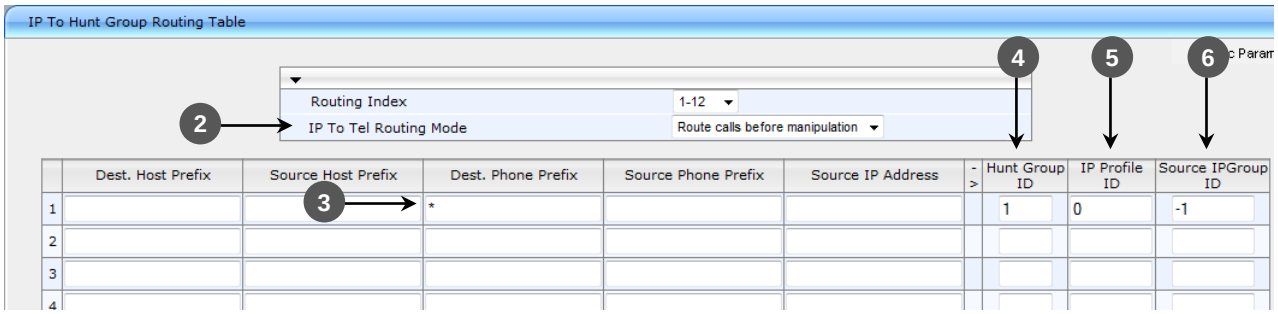
2.6 Configuring IP to Hunt Group Routing

The procedure below describes how to configure IP to Hunt Group Routing.

➢ To configure IP to Hunt group routing:

1. Click **Configuration** > **VoIP** > **GW and IP to IP** > **Routing > IP to Trunk Group Routing**; the IP to Hunt Group Routing Table page opens.

Figure 2-6: IP to Hunt Group Routing Table



2. From the **IP to Tel Routing Mode** drop-down list, select **Route calls before manipulation**.
3. In the 'Dest Phone Prefix' field, enter "*****".
4. In the 'Hunt Group ID' field, enter "1".
5. In the 'IP Profile ID' field, enter "0".
6. In the 'Source IPGroup ID' field, enter "-1".
7. Click **Submit**.

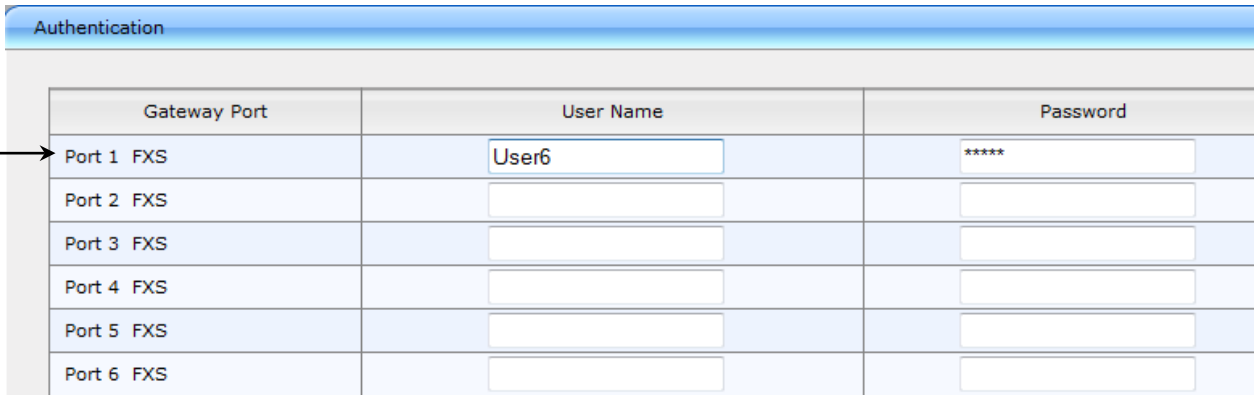
2.7 Configuring Port Authentication

The procedure below describes how to configure Port Authentication.

➢ **To set port authentication:**

1. Click **Configuration** > **VoIP** > **GW and IP to IP** > **Analog Gateway** > **Authentication**; the Authentication page opens.

Figure 2-7: Authentication



2. For each of the FXS ports do the following:
   - In the **User Name** field, enter the User Name in the SPS that you want to assign to this FXS port.

Note: The user name is case sensitive and must be the same as the user name that was created in the SPS Admin.

   - In the **Password** field, type the SIP Password that was defined in the SPS.
3. Click **Submit**.

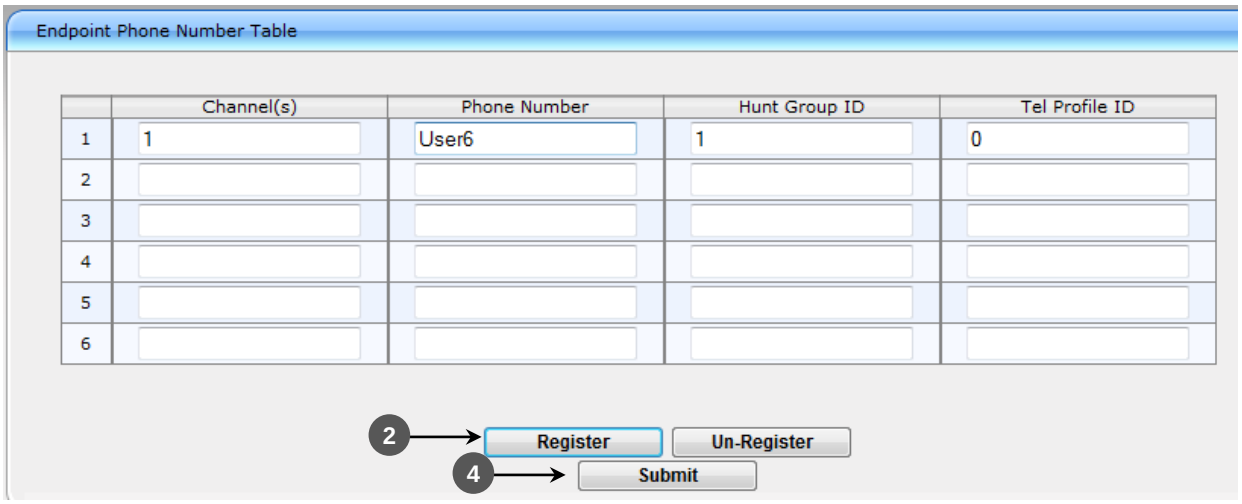
2.8 Registering the FXS Port

The procedure below describes how to register the FXS port.

➢ To register the user name to FXS port:

1. Click **Configuration** > **VoIP** > **GW and IP to IP** > **Hunt Group > Endpoint Phone Number**; the Endpoint Phone Number Table page opens.

Figure 2-8: Endpoint Phone Number Table



2. Click **Register**.
3. Verify in the SPS Web interface that the FXS port was registered.
4. Click **Submit**.

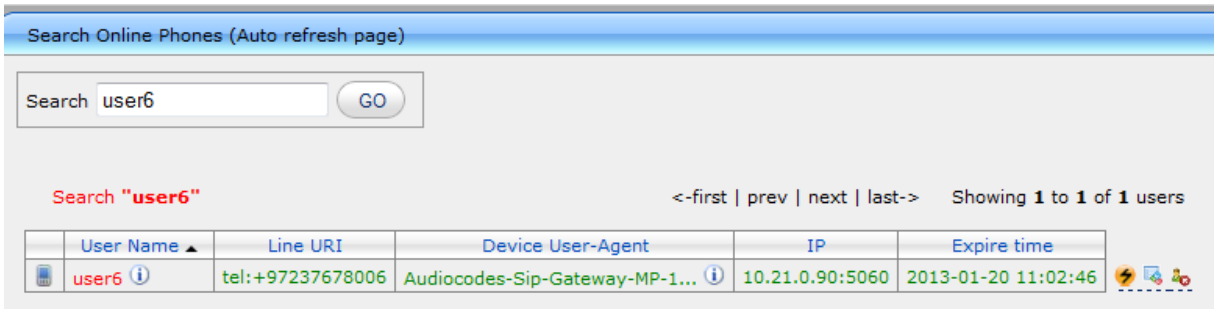
2.9 Verifying FXS Port Registration in the SPS

The procedure below describes how to verify FXS port registration in the SPS.

➢ To verify FXS port registration in the SPS:

1. In the SPS Web Admin, click **Status & Diagnostics** > **System Status** > **Phones Status**; the Search Online Phones page opens.

Figure 2-9: Search Online Phones



2. In the 'Search' field, enter the user name and click **GO**. The search results show that the user is registered and displays the user's online status.

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Configuration Note

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