

# Setting Up AudioCodes' MP-1xx ATA Survivability in a Zoom Phone Environment



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# 1 Introduction

This document provides step-by-step instructions for configuring analog extension survivability on the [AudioCodes MediaPack analog telephone adapter \(ATA\)](#), when the MediaPack loses the connection to Zoom. This will allow extension-to-extension dialing between ports on the same MP-1xx. Dialing extensions outside the MP-1xx is not supported in this configuration. Dialing or receiving PSTN calls while the MP-1xx is in local mode (connection to Zoom is down) is not supported.

AudioCodes MediaPack series are analog VoIP SIP media gateways (Analog Telephone Adapters) that provide FXS analog (loop start) ports for direct connection to phones, fax machines, and modems.

This document applies to the following MediaPack series ATA models:

## MediaPack Models Telephony Support

MediaPack Model	Ordering Part Number	Photo of Model	Opus Codec	Number of FXS Ports
<b>MP-112</b>	MP112/2S/SIP/CER		Not available	2
<b>MP-114</b>	MP114/4S/SIP/CER		Not available	4
<b>MP-118</b>	MP118/8S/SIP/CER		Not available	8
<b>MP-124</b>	<ul style="list-style-type: none"> <li>▪ MP124/24S/AC/SIP</li> <li>▪ MP124/24S/DC/SIP</li> </ul>		Not available	24

For additional specifications, refer to the [MP-1xx](#) datasheet.

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## 2 Prerequisites

AudioCodes' MediaPack MP-1xx ATA device must be configured in the Zoom web portal. Proceed according to following setup guide: <https://assets.zoom.us/docs/zoom-phone/Setting-an-AudioCodes-MediaPack-Series-ATAs.pdf>

For more information on MP-1xx Assisted Provisioning, see:

<https://support.zoom.us/hc/en-us/articles/360055113731-Setting-up-an-AudioCodes-MediaPack-MP-11x-124-1288-series-ATA>

Configuration can be done in two ways – using a custom provision template on the Zoom web portal or via the MP-1xx embedded Web interface.



**Note:** Information about unique Zoom IDs and real DIDs (or extensions) of the users must be obtained from Zoom for correct implementation.

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## 3 Configuration using Zoom Custom Provision Template

A new provision template must be created and assigned to the MP-1xx ATA device. The configuration below uses *as an example* extension **818** with Zoom ID **90528510418445755686** and extension **813** with Zoom ID **25811835858510117907**.

### 3.1 Create a Custom Provision Template

Follow these steps to create a custom provision template:

1. Sign-in to the Zoom web portal.
2. In the navigation menu, click **Phone System Management** and then **Company Info**.
3. Click **Account Settings**.
4. In the **Desk Phone** section, click **Manage** under **Provision Template**.
5. Click **Add**.
6. Enter the following:
  - **Name:** Enter a display name to identify the template.
  - **Description (optional):** Enter a description to help you identify the template.
  - **Template:** Enter the primary and/or secondary DNS IP address using the parameters below. These entries are required for successful SIP registration.

```
[SIP Params]
ROUTEMODEIP2TEL = 1
ROUTEMODETEL2IP = 1
ISFALLBACKUSED = 1

[ PREFIX ]

FORMAT PREFIX_Index = PREFIX_DestinationPrefix,
PREFIX_DestAddress, PREFIX_SourcePrefix, PREFIX_ProfileId,
PREFIX_MeteringCode, PREFIX_DestPort, PREFIX_SrcIPGroupID,
PREFIX_DestHostPrefix, PREFIX_DestIPGroupID,
PREFIX_SrcHostPrefix, PREFIX_TransportType,
PREFIX_SrcTrunkGroupID, PREFIX_DestSRD, PREFIX_CostGroup,
PREFIX_ForkingGroup, PREFIX_CallSetupRulesSetId;
PREFIX 0 = "*", "127.0.0.1", "*", 0, 255, 0, -1, "", -1,
"", -1, -1, -1, "", -1, -1;

[ \PREFIX ]

[ PstnPrefix ]

FORMAT PstnPrefix_Index = PstnPrefix_DestPrefix,
PstnPrefix_TrunkGroupId, PstnPrefix_SourcePrefix,
PstnPrefix_SourceAddress, PstnPrefix_ProfileId,
PstnPrefix_SrcIPGroupID, PstnPrefix_DestHostPrefix,
PstnPrefix_SrcHostPrefix, PstnPrefix_SrcSRDID,
PstnPrefix_TrunkId, PstnPrefix_CallSetupRulesSetId;
PstnPrefix 0 = "*", 0, "*", "127.0.0.1", 0, -1, "*", "*",
"", -1, -1;
```

```
[ \PstnPrefix ]

[ NumberMapIp2Tel ]

FORMAT NumberMapIp2Tel_Index =
NumberMapIp2Tel_DestinationPrefix,
NumberMapIp2Tel_SourcePrefix,
NumberMapIp2Tel_SourceAddress, NumberMapIp2Tel_SrcHost,
NumberMapIp2Tel_DestHost, NumberMapIp2Tel_NumberType,
NumberMapIp2Tel_NumberPlan, NumberMapIp2Tel_RemoveFromLeft,
NumberMapIp2Tel_RemoveFromRight,
NumberMapIp2Tel_LeaveFromRight, NumberMapIp2Tel_Prefix2Add,
NumberMapIp2Tel_Suffix2Add,
NumberMapIp2Tel_IsPresentationRestricted;
NumberMapIp2Tel 0 = "818", "*", "127.0.0.1", "*", "*", 255,
255, 20, 0, 255, "90528510418445755686", "", 255;
NumberMapIp2Tel 1 = "813", "*", "127.0.0.1", "*", "*", 255,
255, 20, 0, 255, "25811835858510117907", "", 255;

[ \NumberMapIp2Tel ]
```

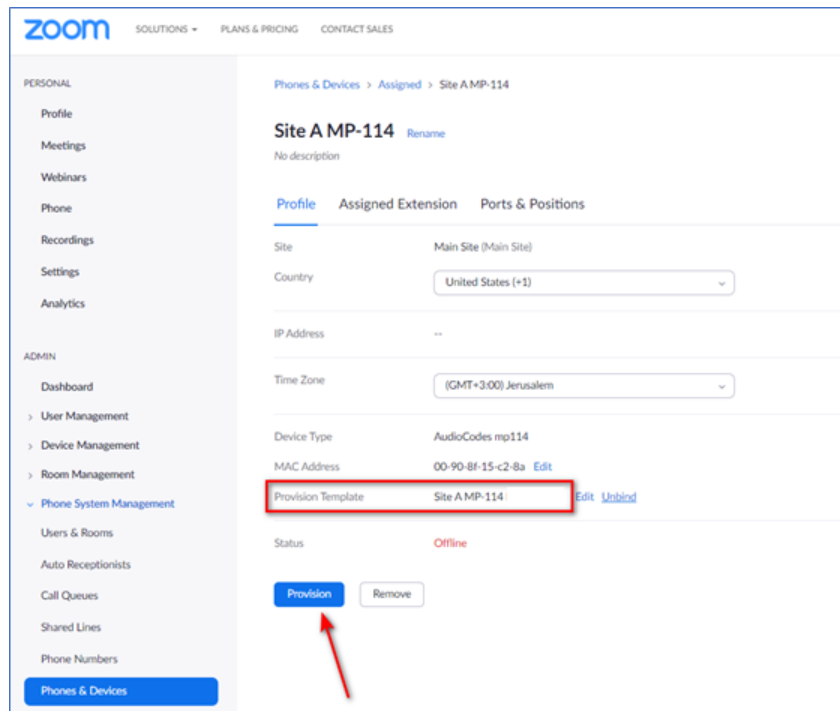
7. Click **Save**.

## 3.2 Finish Provisioning with Applied Custom Provision Template

Once you have created the custom provision template, you can complete assisted provisioning as follows:

1. Follow the instructions [here](#) to add the device to the Zoom web portal.
2. While adding the device, in the **Provision Template** section, select the template that you created (see above).
3. Click **Save**.
4. Follow the on-screen instructions to complete assisted provisioning:

### Adding a new ATA device through the Zoom Portal



### Provisioning ATA device through Zoom Portal

**Provisioning**

MAC Address      00-90-8f-15-c2-8a

Device Type      AudioCodes mp114

Provisioning URL    <https://provaccp.zoom.us/api/v2/pbx/provisioning/AudioCodes/mp114/<mac>.ini> [Copy to Clipboard](#)

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**1 Step 1**

1. Go to **Maintenance** -> **Software Update** from the web interface, download the **firmware**, and follow **Software Upgrade Wizard** to install.
2. Enter **http://MP\_IP/AdminPage** to your browser to access the admin page.
3. Go to **Ini Parameters** on the left section to insert the assisted provision parameter (case sensitive) and provision URL:  
Parameter Name: **IniFileURL**  
Enter Value: (copy **Provisioning URL** from above of this dialogue)
4. Click **Apply New Value**. Check the logging section below to make sure the MP has taken the provision URL with no error message.
5. Go back to the MP web interface. On the top, in the **Device Actions**, choose **Reset**. Click **BURN** in the **Save Configuration** section and click **Reset** in the **Reset Configuration** section. MP will reboot to complete the configuration. The process may take several minutes.

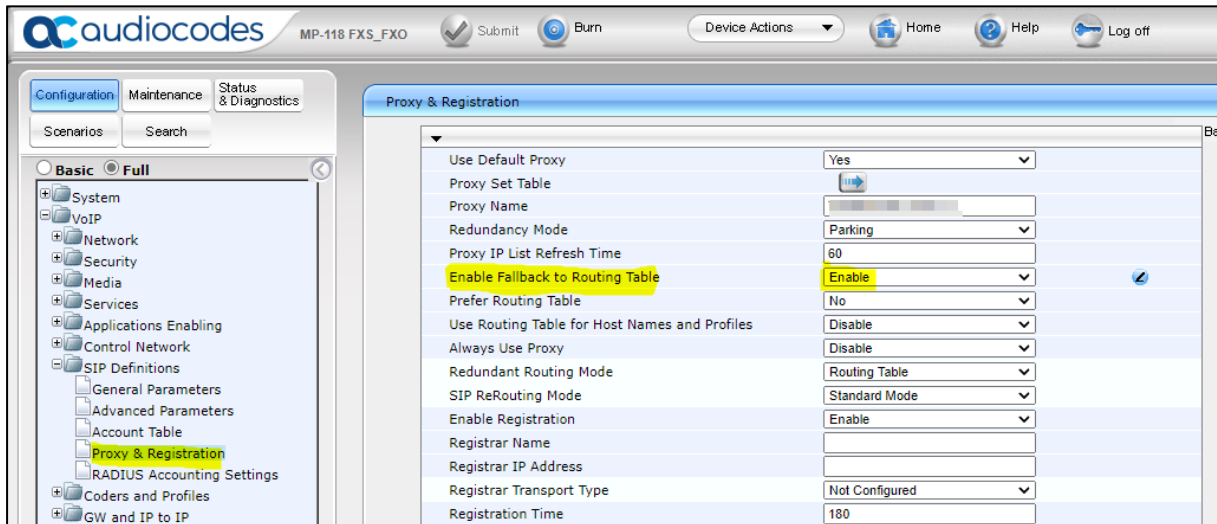
[Next](#) [Close](#)

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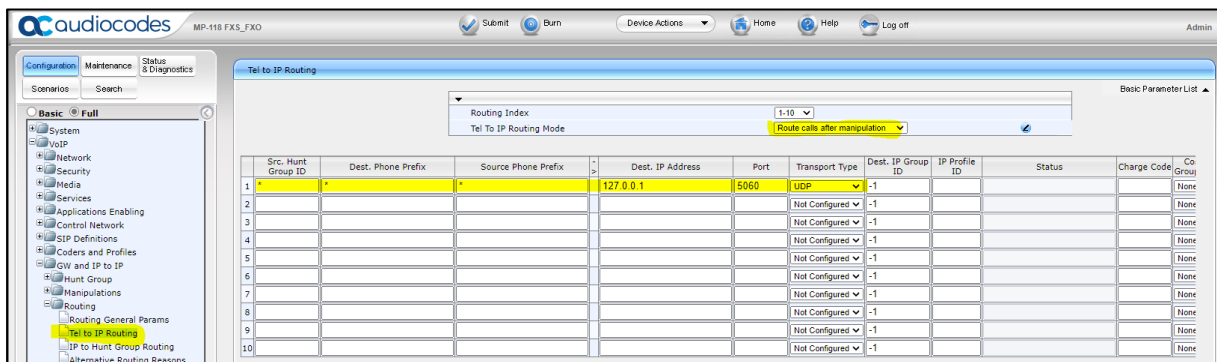
# 4 Configuration via MP-1xx Embedded Web Interface

Another way of configuration is via the MP-1xx embedded Web interface. Follow the instructions [here](#) to add the device to the Zoom web portal. After that, access the MP-1xx Web interface and configure the following:

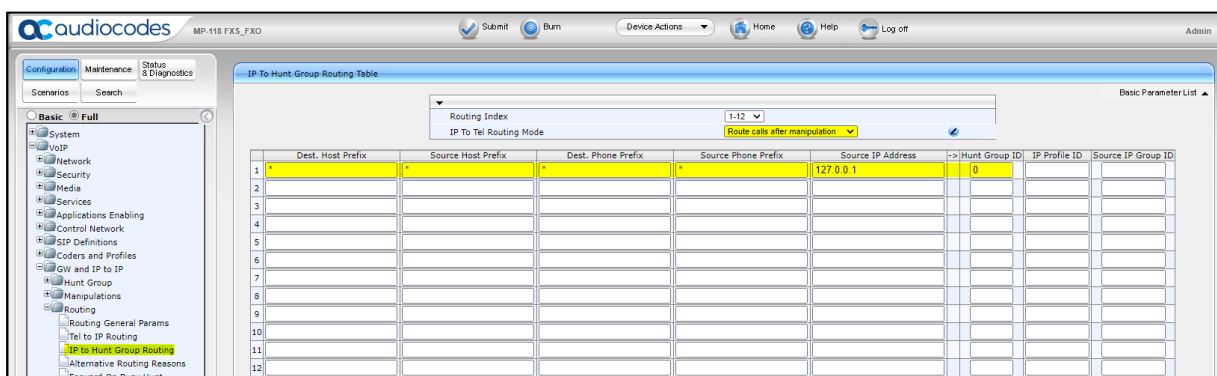
1. Open the Proxy & Registration page (**Configuration** tab > **VoIP** menu > **SIP Definitions** submenu > **Proxy & Registration**).
2. From the 'Enable Fallback to Routing Table' drop-down list, select **Enable**:



3. Open the Tel to IP Routing page (**Configuration** tab > **VoIP** menu > **GW and IP to IP** submenu > **Routing** > **Tel to IP Routing**) and add the following rule:



4. Open the IP to Hunt Group Routing Table page (**Configuration** tab > **VoIP** menu > **GW and IP to IP** > **Routing** > **IP to Hunt Group Routing**) and add the following rule:



- Open the Destination Number Manipulation page (**Configuration** tab > **VoIP** menu > **GW and IP to IP** submenu > **Manipulations** submenu > **Dest Number IP→Tel**) and configure rules for replacing the extension with the Zoom ID number (as configured in the Endpoint Phone Number Table):

Destination Phone Number Manipulation Table for IP -> Tel Calls

Index	Destination Prefix	Source Prefix	Source IP Address	Source Host Prefix	Destination Host Prefix	Prefix to Add	Suffix to Add
0	818	*	127.0.0.1	*	*	90528510418445755689	
1	818	*	127.0.0.1	*	*	25811835858510117907	

Zoom Extension Number (from zoom portal)

Destination Phone Number Manipulation Table for IP -> Tel Calls

Index	Destination Prefix	Source Prefix	Source IP Address	Source Host Prefix	Destination Host Prefix	Prefix to Add	Suffix to Add
0	818	*	127.0.0.1	*	*	90528510418445755689	
1	818	*	127.0.0.1	*	*	25811835858510117907	

- Burn the configuration and reset the MP-1xx.



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**International Headquarters**

1 Hayarden Street,  
Airport City  
Lod 7019900, Israel  
Tel: +972-3-976-4000  
Fax: +972-3-976-4040

**AudioCodes Inc.**

200 Cottontail Lane  
Suite A101E  
Somerset NJ 08873  
Tel: +1-732-469-0880  
Fax: +1-732-469-2298

**Contact us:** <https://www.audiocodes.com/corporate/offices-worldwide>

**Website:** <https://www.audiocodes.com/>

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